



## Notice of Meeting

A meeting of the Infrastructure, Climate Change and Emergency Management Committee will be held in the Council Chamber, 136 Main Street, Pahiatua on **Wednesday 19 March 2025** commencing at **2:00 pm**.

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.

### 3.1 **Public Forum - Tararua Aquatic Community Trust**

John Robertson will be in attendance on behalf of the Tararua Aquatic Community Trust to present a proposal for Council to purchase a property next to Wai Slash.

**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 Infrastructure, Climate and Emergency Management Committee meeting held on 11 December 2025 (as circulated) be confirmed as a true and accurate record of the meeting.*

**7. Reports**

**7.1 Infrastructure Management Report 7**

**7.2 Portfolio Programme and Project 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, 136 Main Street, Pahiatua on Wednesday 11 December 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, and S M Wards

### In Attendance

Mr C French	- Rationale
Mr B Nicholson	- Chief Executive
Mr H Featonby	- Group Manager - Infrastructure
Mr P Wimsett	- Chief Advisor
Mrs A Howell	- External Communications and Intelligence Lead
Mr M Dunn	- Manager – Programmes and Projects
Mr D Erard	- Alliance Manager
Mr A Desmond	- Network Manager
Mrs A Dunn	- Manager – Democracy Services
Ms S Ellis	- Democracy Support Officer

## 2. Welcome and Meeting Opening

The Chairperson opened the meeting.

## 3. Apologies

*That the apology from Councillor S A Wallace be accepted, and leave of absence granted from the meeting.*

*Chase/Collis*

*Carried*

## 4. Public Forum

There were no requests for Public Forum.

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

There were no notifications of additional items of business.

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

Cr S M Wards – Ākitio ratepayer.

**7. Confirmation of Minutes**

*That the minutes of the Infrastructure, Climate Change and Emergency Management Committee meeting held on 16 October 2024 (as circulated) be confirmed as a true and accurate record of the meeting.*

*Gilmore/Johns*

*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 11 November 2024 which provided an update on key activities and items of interest over the period 12 November 2024 to 1 December 2024.

Concerns were raised regarding the reversion of speed limits imposed after 2020 as it pertains to the Saddle Road, notably given the high accident rate even with the decrease from 100 to 60km/h. It was noted that a temporary speed limit restriction could be added.

Concerns were given regarding the CRM notification system, with some individuals not receiving any updates on progress and others receiving a high level of notification.

It was underlined that a plan was required for the enforcement of a bylaw requiring water tanks for Ākitio, given the non-compliance to this point. It was asked how many properties were non-compliant regarding tanks, and determined that a plan was needed to both emphasise and enforce the requirement. It was underlined that the need for a plan regarding compliance had been raised as an issue last year.

It was also noted that not all buildings were suited towards large tanks and, given the high number of individuals in the area around summertime, the current system may be unable to keep up.

A suggestion was made to enact water restrictions every second day, with respect to typical summer rainfall and take levels. It was noted that the current storage

capacity was full.

It was noted that zero consumption change had been observed in response to water restrictions. This was observed as likely due to a trade-off between residents who reduced their overall consumption level, and residents filling pools or using extra water for stock. It was asked what this would look like on a town-by-town basis, and it was noted that Dannevirke and Pahiatua constituted the most prominent concern. It was requested that an analysis be done regarding supply trigger levels.

It was asked how much extra an increased impounded supply would provide, and what the risks of this may be.

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

***Long/Johns***

***Carried***

## 8.2 **Cyclone Gabrielle Recovery Update**

The Infrastructure, Climate Change and Emergency Management Committee considered the report from the Chief Executive dated 04 December 2024 that provided a general update on the Cyclone Gabrielle recovery.

Discussion was raised regarding the use of Ministry of Social Development recovery funding to establish a food distribution hub within the Tararua District. Concerns were cited regarding the regulation and upkeep of a food bank, and the role of Council in the project. It was underlined that the hub would not be considered a food bank in itself, but an entity that would support in-district food banks with distribution, and would eliminate the need for assistance from Palmerston North in this space. It was also stated that access to recovery funding was highly restricted, with Council one of the few groups able to access it, and that once funded the hub would be handed over to the community and local iwi. It was recommended to let the project run.

***That the report from the Chief Executive dated 04 December 2024 concerning the Cyclone Gabrielle Recovery Update be received.***

***Long/Johns***

***Carried***

## 8.3 **Capital Portfolio Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Manager - Programmes & Projects dated 08 November 2024 which provided an update on the capital programme and key project statuses.

Regarding the district town signs, it was noted that whilst initial distance issues had been resolved, the lettering on the signs was considered too small, which

could constitute a distraction for motorists. A request to approve the signs within 50km/h zones was still inconclusive. The time spent on approval of the signs was criticised, namely regarding the impact on staff resources and the resultant drawn out process. It was suggested that a representative from NZTA be invited to a future meeting to discuss this further.

It was noted that the Woodville headworks was running over budget. It was responded that the works would likely be combined with other water projects, thus enabling cost sharing.

***That the report from the Manager - Programmes & Projects dated 08 November 2024 concerning the Capital Portfolio Report be received.***

***Chase/Gilmore***

***Carried***

**9. Correspondence**

There was no correspondence received.

**10. Items not on the Agenda**

N/A

There being no further business the Chairperson thanked those present for their attendance and contributions, and declared the meeting closed at 2:33pm.

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Chairperson



## Report

Date : 11 March 2025  
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 07 March 2025 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 February 2025 to 7 March 2025.

### 3. Transport

#### 3.1 Alliance Management Overview

A significant amount of work has been achieved in our reseals, rehabs and emergency work sites with a run of good weather in February. We are preparing for this year's principal bridge assessments.

The Alliance team carried out a safety toolbox session called Our Safety Focus which is a safety session carried out every year shortly after the Christmas break. The session covered off key risks associated with the work carried out by the team and controls we use to control those risks. The risks and controls covered were

people plant interaction, situational awareness, underground services and excavations.

The first stakeholder meeting of the year was on 13 February. The focus of these monthly meetings remains primarily emergency works but as the Cyclone Gabrielle work closes out, we will increasingly use these meetings as a way to update Horizons, Iwi and NZTA on other areas of our work that would benefit from stakeholder input.

February saw an increase in interaction with the Te Ahu a Turanga team on the detour arrangements for the construction of the Woodville roundabout. Mitigating the safety risks to the public and drivers has been the key focus for advice provided to the highway team on detour options and traffic management.

The collaborative Land Stability Project that is facilitated by the Alliance will soon be tendered for planting for winter. This is a good news story for the district with potential long-term benefits to the roading network.

It is awards season – we have submitted an entry for Route 52 in the Āpōpō Asset Management Excellence Awards and have nominated Tararua Alliance TTM Supervisor Lara Harris in the National Association of Women in Construction Awards in the Rising Star – Site category. Lara is 21 and manages a team of 12.

## 3.2 **Transportation Network Management Overview**

### **SH3 Woodville Roundabout construction**

The Te Ahu a Turanga (TAaT) project are currently completing the construction of the roundabout at the entrance to the Te Ahu a Turanga – Manawatū Tararua Highway. TAaT sort permission to utilise the local road network (Oxford/Pinfold & Pahiatua Track) as the detour route, with the application being received in January 2025. The timing of the request for closure compared to the proposed start date was very tight considering the complexity of the closure, the required public consultation and the associated risks to road user safety. In principle, the road closure is the logical methodology to complete the works, as it was considered the least disruptive to the travelling public given the traffic complications that have occurred during over works on the State-Highway in recent times (i.e. Rehabilitation work between Oringi and Tamaki River Bridge)

A number of the Tararua Alliance staff have been working closely with TAaT staff to inform and instruct them on what is required to minimise the impact of what is a very complex closure.

### **NZTA Targeted Fund for Resilience**



Following NZTA's release of information with regards to the Targeted fund for Resilience, we have developed and submitted an application for \$3.1 million worth of funding. There is \$100 million available across to all Local Authorities across the country.

The request covers activities where funding was not secured as part of the 2024-27 NLTP bid, with a focus on improving existing drainage infrastructure and protecting vulnerable parts of the network.

If funding is secured the plan is to deliver the scope over the 2025/26 and 2026/27 work programmes.

### **NZTA Technical Audit – October 2024**

At time of writing, the Tararua Alliance received the draft NZTA Technical Audit report.

The report reinforces the positive sentiment that we have been provided with from various stakeholders in recent times. The executive summary has been provided below.

#### *Audit Executive Summary*

*Tararua District Council's Road network is generally in good condition and is being well managed, through the Tararua Alliance, despite a very challenging time dealing with the extensive impacts of Cyclone Gabrielle. Council and the Alliance have also made good progress in implementing the recommendations from the previous audit, which was great to see.*

*Network condition indicators for Pavement Integrity Index (PII), Surface Condition Index (SCI) and Smooth Travel Exposure (STE) show that Council's network is performing well compared against its peer group. However the current average sealing and rehabilitation rates as a proportion of the network are very low, and it is appropriate that the Alliance plans to increase these rates over the next three years during this NLTP, in order to meet the demands of the network. It is also timely to convey that while we acknowledge that the focus for the Alliance has been on the extensive emergency work response to Cyclone Gabrielle impacts over the past two years, it is important that Council ensures the Alliance pivots its focus back to delivering all of its routine maintenance activities out on the network, so that it does not deteriorate in condition.*

*There has been a noticeable downward trend in deaths and serious injuries, and crashes involving death or serious injury, on the network over the last five years, including no fatalities on the network for the 2021 calendar year, which is a positive result for Council. However, a focus on improving road safety by Council and the Alliance needs to continue. The Communities at Risk Register 2023 listed Tararua District in the top 10 worst performing with respect to Urban Intersections, based on personal risk across the area, and vulnerable road users (particularly motorcyclists) are over-represented in crash statistics for the network,*

*a significant number of crashes are occurring on bends and 'Road Factors' are being recorded as a causal factor in many reported crashes. There are many opportunities to address these safety issues on the network, including reviews of the Safe System Audit processes to ensure these are completed and a project is well aligned with Safe System outcomes, and investment in improving road delineation.*

As a draft report, TDC have the opportunity to respond to the feedback provided – once this has been completed, the report will be provided in full.

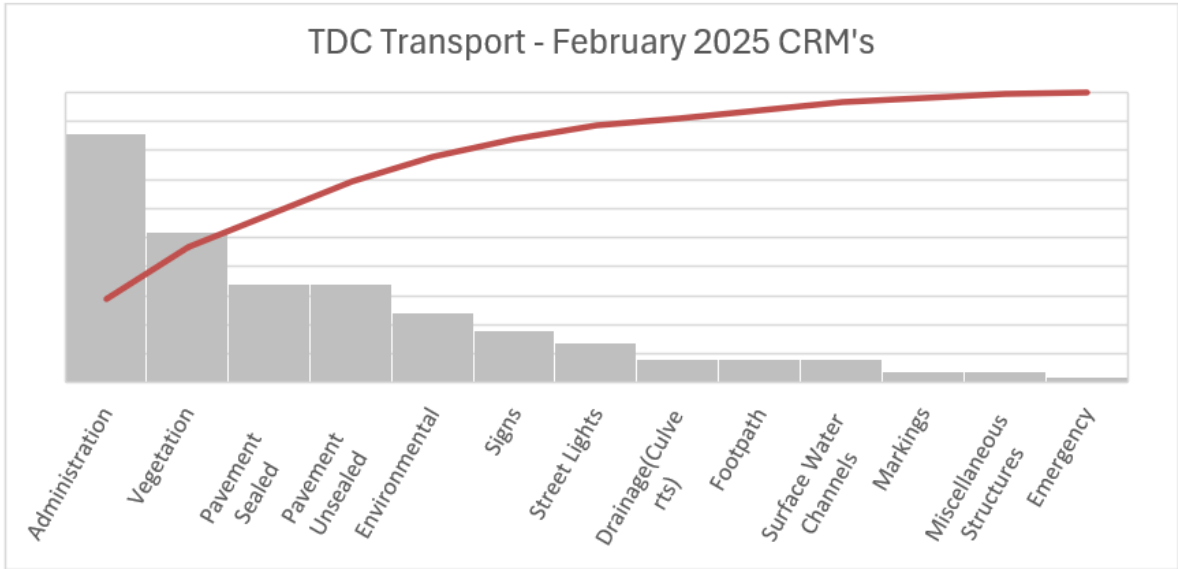
Recommendations of the report largely relate to issues we are aware of and have taken or are taking steps to address. These are;

- A refocussing back to Routine Maintenance Activities following the significant disruption placed on the district since Cyclone Dovi in February 2022,
- A need to increase in Resealing activities. The need for this had been recognised when developing the 2024-27 AMP, with funding for increased Reseals secured. The 2024/25 reseal programme has achieved the 5% target network length stated in the Annual Plan. The 2025/26 and 2026/27 reseal programmes are seeking to cover over 6% of the target network length.
- Road safety has been highlighted as an area in need of improvement, however the funding provided through the current NLTP does not allow for this, with Traffic Services budgets cut (signage, line marking), and no funding provided for Safety Improvements. We will use the information provided in the Audit to target safety improvements to the areas of concern. The key metric identified were risks at intersections. TDC has addressed two of its intersections in the 2023/24 FY, with other intersections being those that interact with the State-Highway network.

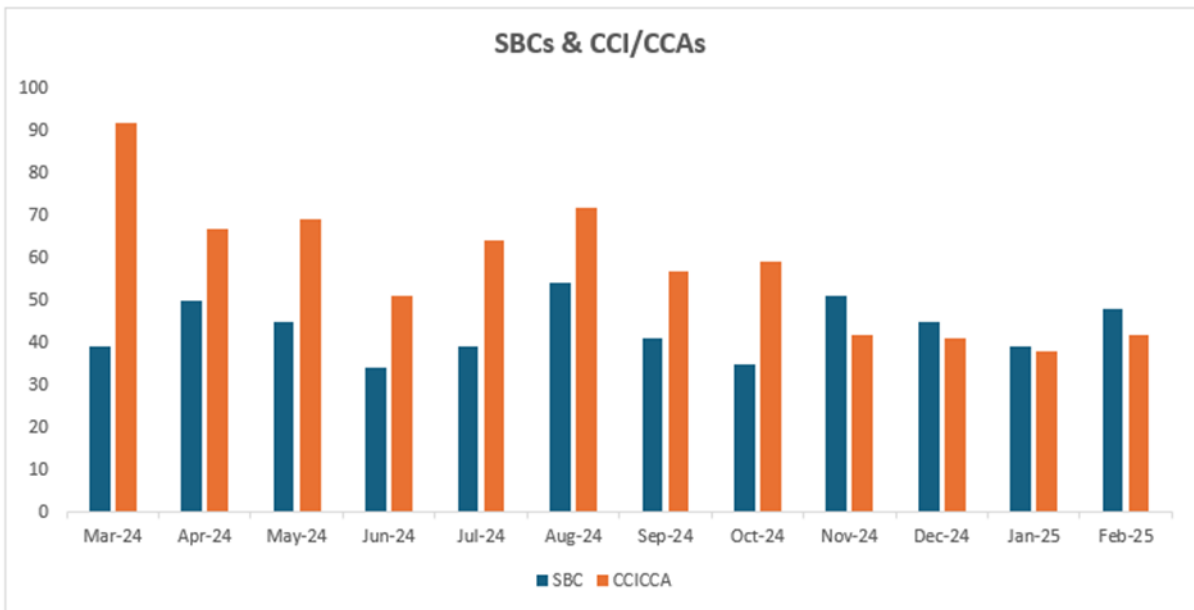
### **3.3 Transport Operational Delivery Management Overview – Delivery Manager**

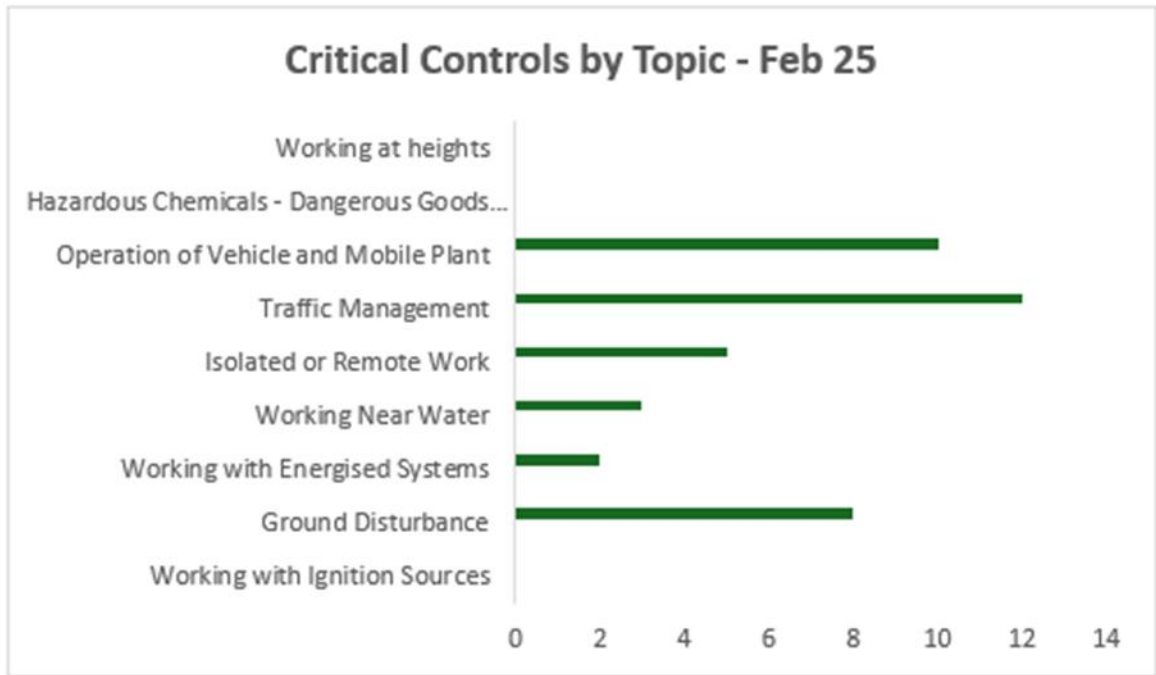
#### **Customer Requests**

148 CRMs were received for the month of February with 38% have been resolved. 33% of CRMs required no action.



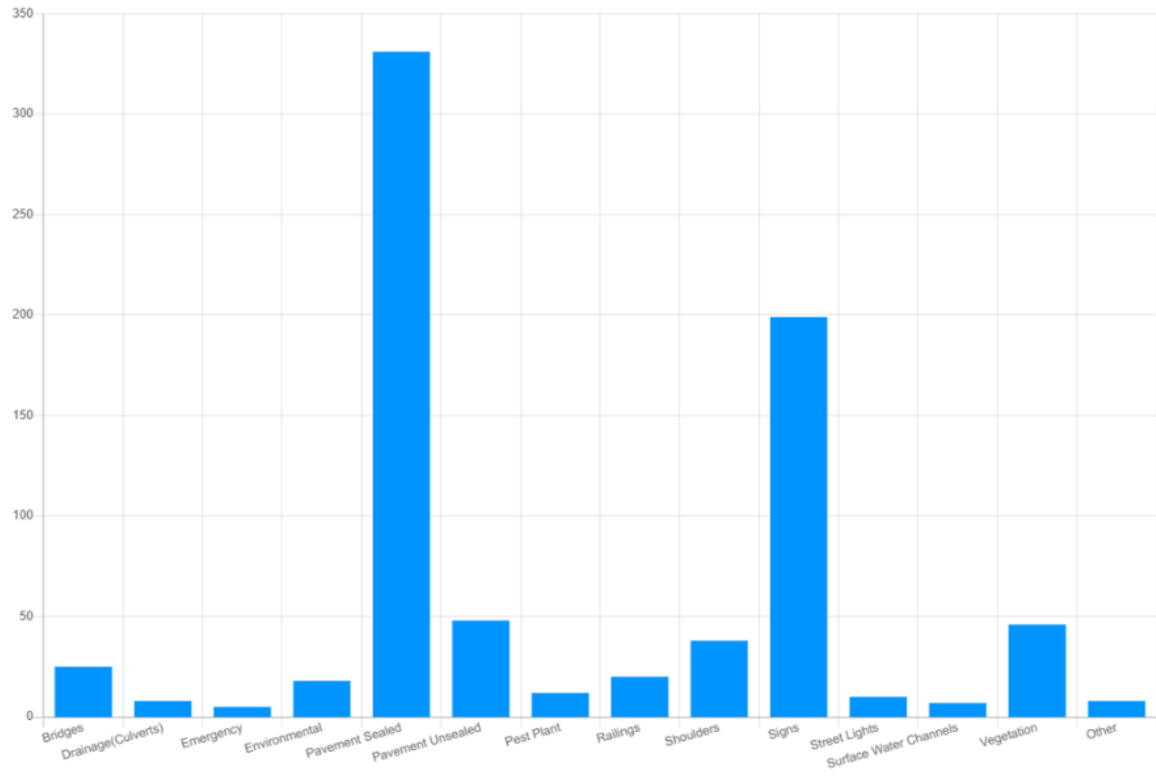
**Zero Harm**





### 3.4 Maintenance Overview

The 2024/25 pre-seal repairs are now completed so the pavement maintenance team are now carrying out high priority maintenance repairs and assisting the recovery team with pavement repairs on emergency works sites. Due to the impact to the sealed pavement maintenance budget completing a large pre-seal programme, the remaining budget will only be used on high priority and safety repairs until the end of the financial year. Urban spraying was completed in February and rural spraying will begin in March.



All Works – Dispatches Completed February 2025 – By Asset type.

### Routine Maintenance

- 9908m2 sealed pavement maintenance repairs completed
- 490 potholes filled on the sealed road network
- 199 signs replaced, cleaned or repaired
- Graded 102 km of unsealed roads
- 25 bridges were cleaned
- 105km of kerb and channel cleaned
- 33 edge marker posts replaced
- 34 signs replaced and 79 signposts replaced

### 3.5 Renewals Overview

## Reseal Delivery

With a big month in February, the reseal programme is nearing completion with only 5km out of the 64km left to complete. It is a great result to have the programme completed ahead of schedule given that the 24/25 reseal programme is the largest programme the district has had in recent years with the additional funding received for this budget category.

## Rehabilitations

2024/25 Programme			
Road	Start RP -End RP	Length	Phase
Maunga Road	7439 - 7839	522m	Complete
Aerodrome Road	361 - 1650	1289m	Construction commenced
52-0063	16333 - 17066	733m	Ready for construction
Maharahara Road	3256 - 3657	739m	Design in development
	Total	3,283m	

## Rehabilitation Planning

Maharahara Road design to be completed in early March as the construction is planned to start in April during the school holidays to minimise the disruption to the Ruahine school. A meeting with the Waka Kotahi NZTA Investment Advisor (IA) has been arranged for April to review the planned sites for the 25/26 season. Once approval has been received from the IA, the Alliance will be able to start designs in May/June.

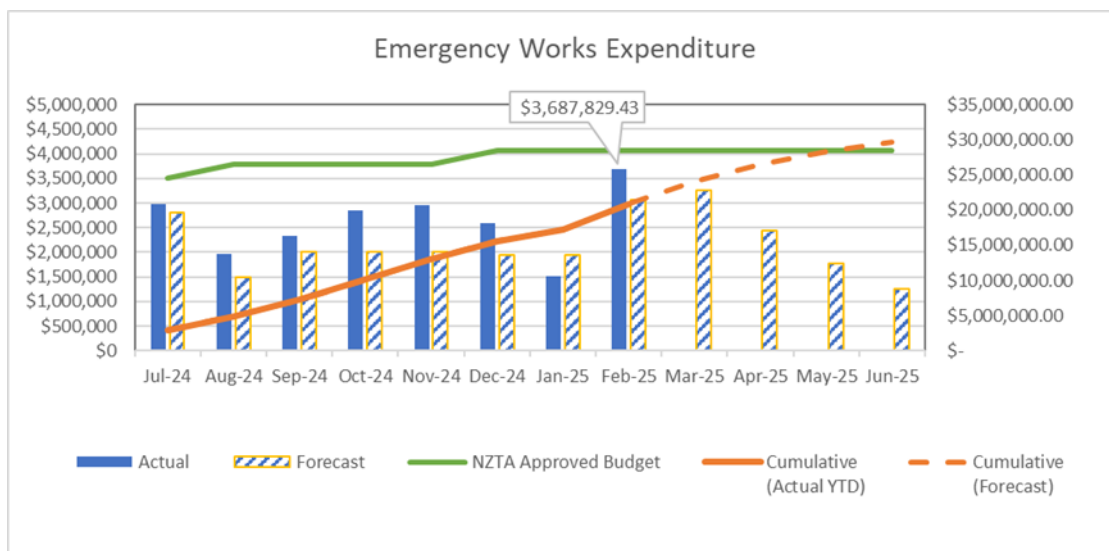
## Rehabilitation Delivery

The Aerodrome Road rehab is tracking well with planned completion by the end of March. Construction of 52-0063 and Maharahara Road is planned to be completed by the end of April. Due to the time of year, if there are any risks with completing Maharahara Road due to the weather, it will be completed in two stages. A section will be completed this season as a stabilising treatment. The second section will be completed next season as an overlay treatment. If this occurs, we will still meet the annual target of 2.42km per year.

## 3.6 Emergency Works Recovery

### 2024/25 FY - Emergency Works Expenditure

The Tararua Alliance is seeking to maximise Emergency Works expenditure in the 2024/25 FY to maximise the opportunity provided by the current 97.5% FAR. As a result, we are on track to over deliver on the initial planned Emergency Works budget. If this forecast continues, we will be required to seek a cost adjustment through NZTA.



Total Approved Emergency Works Funding (2024/25+) (NZTA Work Category 141)	\$28,423,502
2024/25 Spend to Date (end of January 2025)	\$20,858,452
Expenditure in February	\$3,687,829

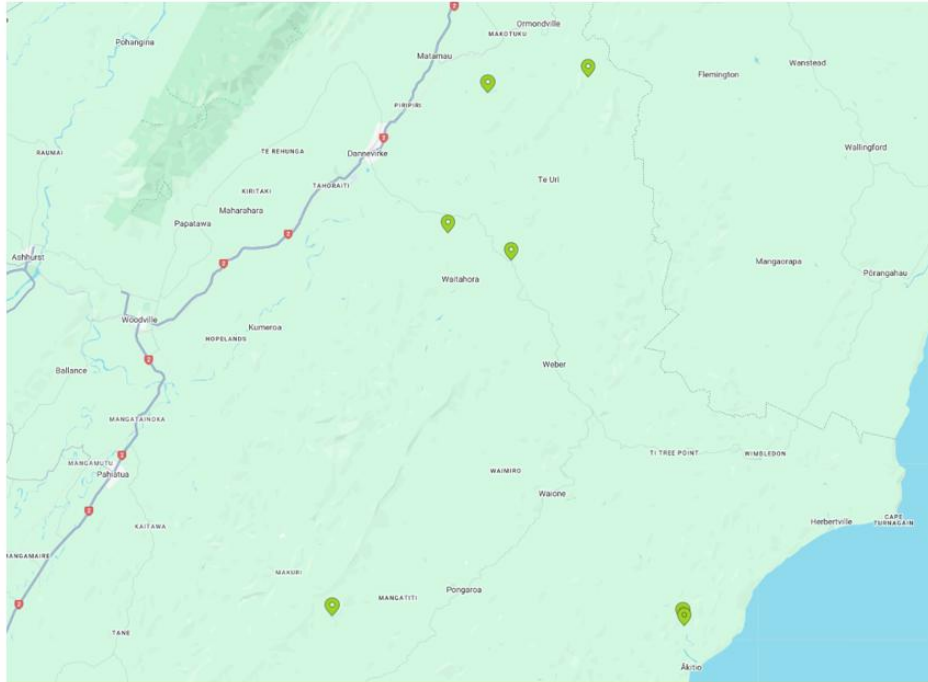
## **Emergency Works Delivery**

### **High Complexity works**

During the month of February, we have had some great progress on getting two large culverts replaced, one on River Road Akitio, and the other on Putara road. In terms of resilience, we have both upsized the capacity from 900mm to 1350mm diameter and replaced with concrete, which gives longevity to the asset.

Pavement is currently being laid on many of our sites with the vision of getting these sealed during the month of March/April.

Plans are being developed for a few of our more complex areas of concern like Otanga road and adding resilience to the Marainanga Gorge (14.6km Coast Road Akitio)



Picture above: Current active worksites depicted with green tags.

### **River Road Akitio – RP 20.200km**

Ecoreef river revetment comprising of 900 concrete hexagonal units, which the bottom layer is tied into driven steel piles and all units strapped together with galvanised steel straps and 32mm bolts. Planned completion for this project is early April 2025.



### **River Road Akitio RP – 21.756km**

Sheet pile and MSE wall, along with a 1350mm concrete culvert replacement. Project completion expected Mid-March.





#### **Putara Road Culvert Replacement RP – 4.4km**

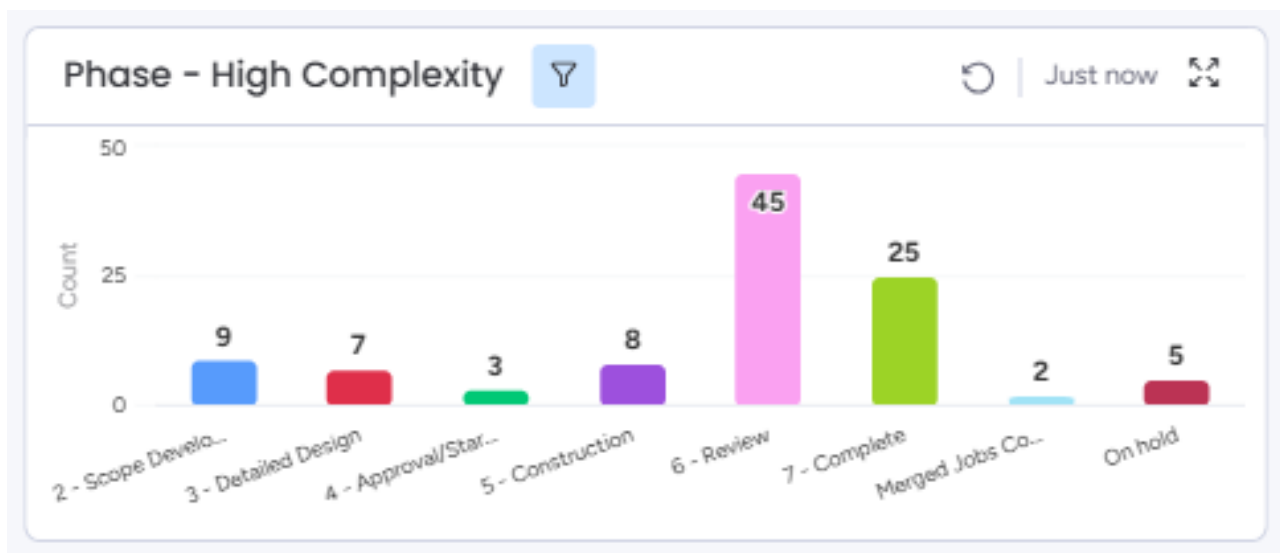
During the August rain event a large tomo appeared on Putara Road, during the application to NZTA options were sought and developed to replace this.

Along with increasing size to have the ability to cope with future weather events we had to consider the environmental surroundings, as this is a culturally significant area and bounds a conservation estate.

Working with the collective stakeholder management team we were able to land on an option where a 1350mm concrete culvert along with concrete wing walls and an inlet debris trap have been built.



#### **Current high complexity work phase for 2024-2025 programme**



Progress since February 2025 is depicted below (snapshot taken 3rd March 2025).

Phase	January number	February number	Change
Scope development	10	9	1
Detailed design	6	7	1
Approval/startup	3	3	0
Construction	8	8	0
Review	44	45	1
Complete	25	25	0
On hold	6	5	1

## **4. 3-Waters**

### **4.1 Water Shortage Management Committee**

The below was the outcome and communications of our last Water Shortage Management Committee with the next booked for review the week of the 17<sup>th</sup> March.

#### **Dannevirke**

Water levels in the Tamaki River are getting lower, which limits how much we can take. To keep up with demand, we're now using stored water from the reservoir, which has about 60 days' worth of supplementary water left, however, if river levels continue to reduce reliance on supplementary water will increase and significantly reduce reserves. If we had to solely rely on the current available storage, as opposed to supplementary, it would reduce to 6 days of storage – however, that being said there are some other options that could be used to mitigate and it would be 'unlikely' we would have to rely solely on stored water.

Dannevirke has the largest number of water connections in the district, meaning more households, businesses, and services rely on this supply. Warmer weather also means people use more water, which puts extra pressure on the system.

To help manage water use, we're introducing alternate day water restrictions for Dannevirke until further notice:

- Hand-held hoses (including sprinklers, garden hoses, and water blasters) can only be used on alternate days.
- If your house number is even, you can use them on even dates (e.g., 2nd, 4th, 6th).
- If your house number is odd, you can use them on odd dates (e.g., 1st, 3rd, 5th).

#### **Pahiatua**

The Mangatainoka River is also running low, but we can still take enough water for now. Our reservoirs have about 4.5 days' worth stored, but to be safe, alternate day water restrictions remain in place.

#### **Eketāhuna**

The Makakahi River is lower than usual, but we're still able to take enough water. Our reservoir has about three days' worth, and at this stage we don't need to introduce restrictions.

### **Woodville**

The Mangapapa River is too low for us to take water from it at the moment. The good news? Water demand has reduced by 7.2%, and there's still 50–57 days' worth of water in storage. For now, we don't need to introduce restrictions.

### **Norsewood**

Water demand use has reduced by 17%, and there's no concern about supply at this stage.

### **Ākitio**

With hardly any rain in the area and limited source of water, the total outdoor water ban remains in place.

### **Pongaroa**

No issues with the water supply at this stage.

### **Dannevirke Impounded Supply - Dive repair**

Firstly, an acknowledgement and thanks to our staff Derek, Vito, Robin, Hayden, Marcus and Blair for their work in supporting a successful Dive operation and your ongoing commitment to ensuring that monitoring and reporting is maintained.

Secondly, an acknowledgement to express our gratitude to New Plymouth Underwater for their exceptional work on the recent dive operation. What could have been a complex and risky task was made seamless due to their expertise and precision. Their commitment to safety, professionalism, and excellence was evident throughout the operation, and their willingness to provide support at every stage was greatly appreciated.

Since the 10th February, we have had New Plymouth Underwater conduct a dive operation in which they:

- Completed permanent markings to the previously chalked depressions
- Repatched 2 old pin holes
- Patched the last known pin hole

A report from New Plymouth Underwater was then received and has been reviewed by our staff – the following is extracts from the report.

The purpose of the dive works was to remark the existing depressions with new pastel lines and attached raised locators. The locators were prefabricated pieces of PVC piping that were to be attached to depression ridgelines with the Sika® MultiSeal tape.

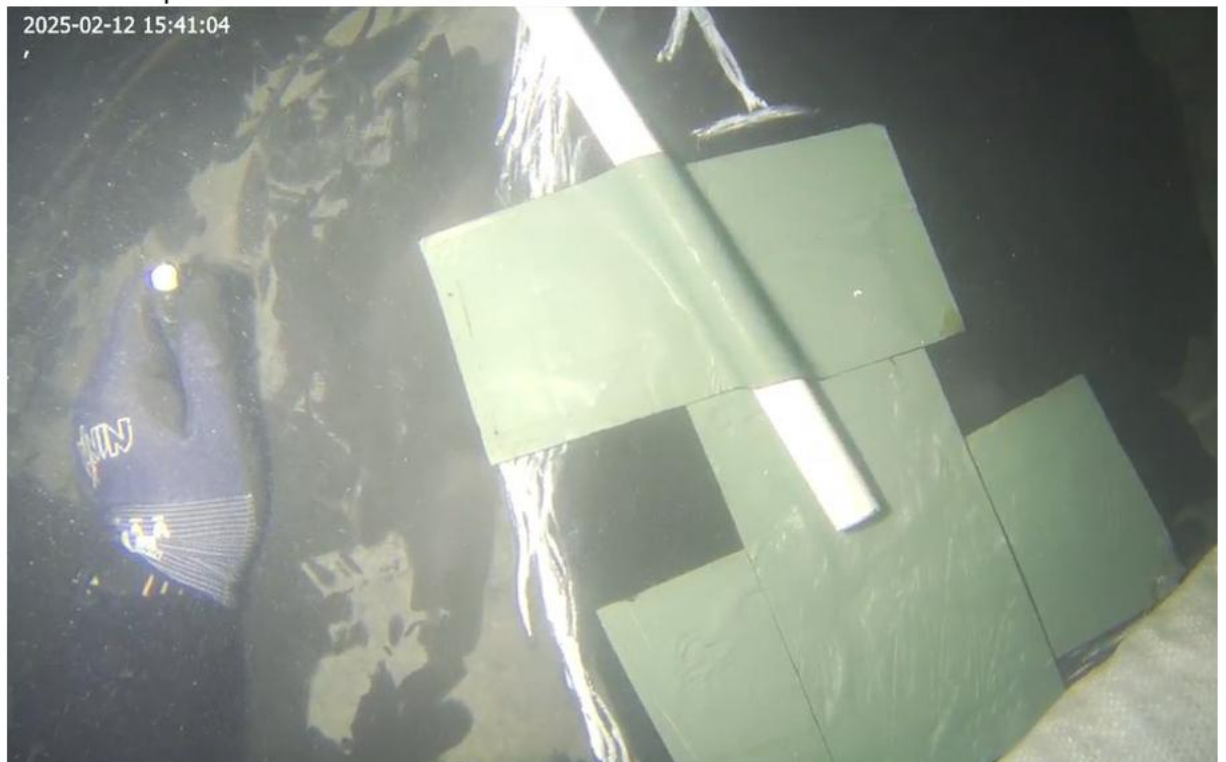
The Pinhole repairs, [...] had the same Sika® MultiSeal tape to be applied to seal and secure the leak, then prefabricated pieces of PVC piping attached above the

leak as a raise indicator. The PVC piping provides a location target and is a suitable choice of material in the sedimented water.

Pinhole 1



Pinhole 1 repaired and marked.



The diving campaign was undertaken from the 11th -12th February 2025 with the scope of remarking Depressions 4-6 and locating and marking Depression 7. All four depressions were remarked with chalk and the agreed PVC piping indicators were applied.

The Pinhole repairs were remedied with the Sika® MultiSeal and PVC piping as a locator.

Suggestions prior to the next inspection would be imaging provided similar to the MS1000 photo's; media of that calibre can provide accurate measurements of the depressions, exact locations, variations to existing depressions and identify potential extremities to be examined by divers.

Suggested timeframe for annual inspection is 12 months. We would suggest an early inspection date should water flow increase to 5 liters per minute or higher.

### **Dannevirke Impounded Supply - Pretreatment**

We engaged with Dr Jason Colton – Freelance Principal Process Engineer to provide process engineering input to the Dannevirke WTP Pre-Treatment project. The below is based on extracts from his report findings and our current status of the project.

The raw water storage dam is required to ensure a sufficient volume of water is available to meet demand under low river flow conditions. It is noted that the river flow can drop to levels that require consented abstraction to cease.

Run of river treatment is required to allow the dam to be taken offline and be repaired. A permanent pre-treatment solution is required that can treat either run-of-river or water from the storage reservoir.

There is anecdotal evidence that slips in the catchment have caused river conditions to deteriorate. When heavy rain falls in certain areas of the catchment very fine particles are flushed into the river causing a milky flour-like appearance. A single test result taken on 20<sup>th</sup> July 2023 showed that these solids are all below 50µm with a peak turbidity of 132NTU and total suspended solids of 130mg/L. Operations staff believe that this material does not settle.

The below image is the result of the recent down pour on the 5 March at which point a sample was taken. It should be noted and taken into consideration that the below image represents the challenges that we face regularly for water treatment.



Previous studies identified a containerised membrane option without coagulant as the recommended solution. This was designed and costed at \$3.2M for the membrane plant components only. The key driver in the assessment was timeline and following the alignment of the programme, repair works and monitoring we are considering our options for the best value for money solution.

There are two available technologies for dealing with the run-of-river conditions:

- Clarification – A clarifier with optimised chemistry – pH control, coagulant(s) and polyelectrolyte and associated sludge treatment in front of the existing filters and UV.
- Membrane treatment – A UF membrane plant featuring pH control and ACH coagulation and associated washwater handling and CIP waste management in front of the existing UV.

The lowest cost solution will be the clarifier. However, operations staff have concerns about the settleability of the water under flood conditions. The only way to assuage these concerns is by testing at either bench scale and/or at pilot scale.

We have now collected the required sample and will continue working to confirm whether a clarifier will be our best course of action.

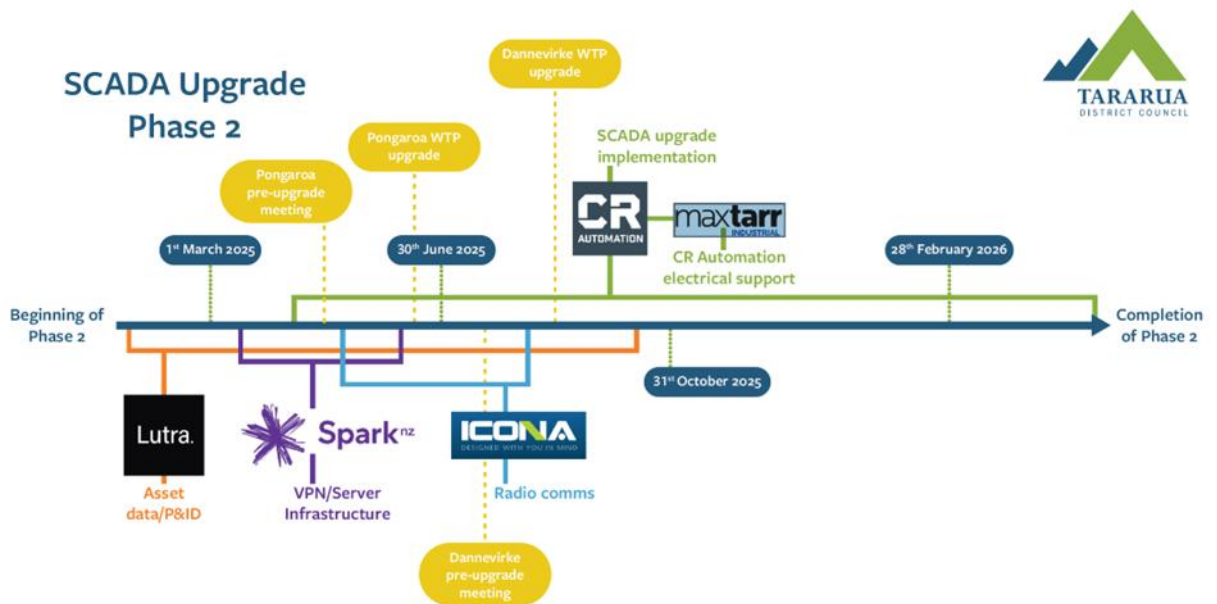
## Pahiatua Chemical Relocation

Work has been coordinated for delivery and we are just confirming our proposal for a dangerous goods concrete storage shed. Once we have confirmed our operational considerations to this solution and our H&S requirements are satisfied we will organise delivery.

## District wide - Telemetry Scada phase 2

To develop a rationalised SCADA and Telemetry framework, architecture, software and dashboarding that provides operational visibility across the entire TDC treatment and network systems. This summary is to further highlight the complexities of the work programme.

The below image is a High-Level timeline that showcases the amount of work that was accomplished through phase one in organising these future works. The coordination of this highly complex project certainly benefits from dedicated in house project management. Multiple stakeholders and work program deconfliction is critical to the successful delivery of this critical project.



## Universal Water Metering

Universal water metering is a critical aspect of our water demand management strategy, so that the scale and investment in any future water supply infrastructure is kept to a minimum. We now have a one page project report being generated on this project to track and will provide a future update to the overall timeline within these reports.

It is expected that trials on water meter technology and meter installations will take place in Year 2 (before June 2026) to enable us to learn key lessons before a full programme roll-out in subsequent years.



## 4.2 Wastewater

### Wastewater Treatment Plant Upgrades

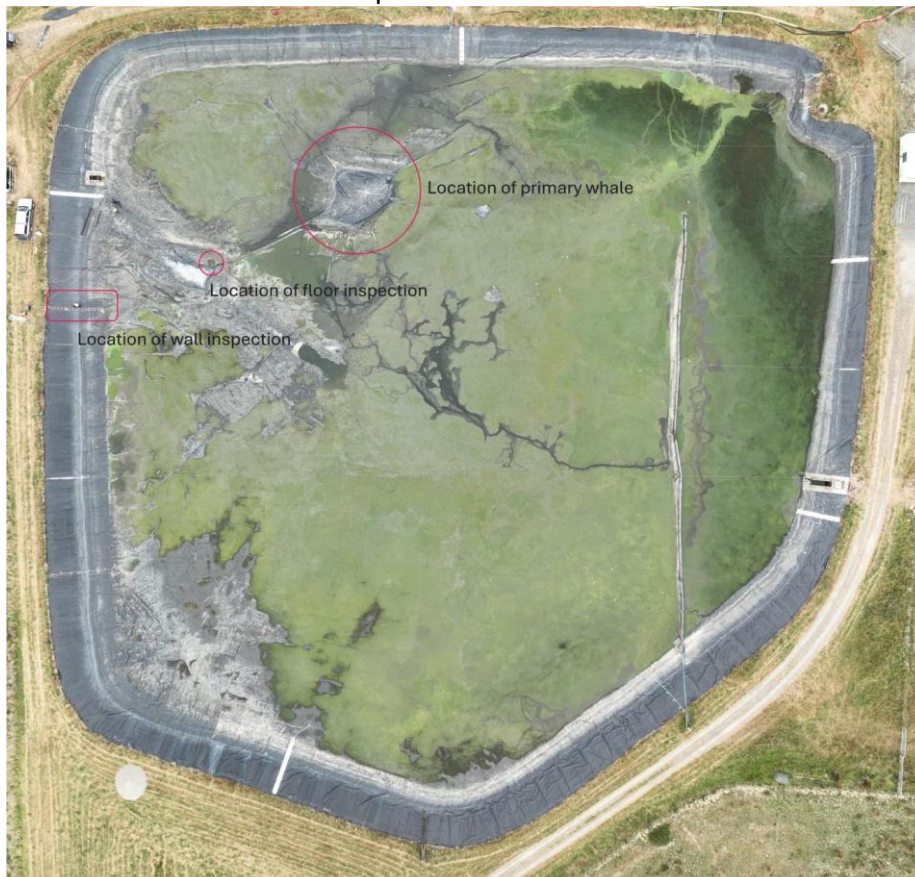
Key upgrade projects are discussed within the project sheets.

#### Woodville

Woodville WWTP consists of 4 effluent treatment ponds. Out of the 4 ponds, pond no. 2 is lined. The liner was replaced in 2016. Overtime, the liner developed 2 bubbles with gas trapped in it.

An investigation during the removal of the whales was requested by TDC and Viking Containment conducted the investigation. Potentially future works could include relining the pond, replacement of geotextile base layer and a proposal to installing more groundwater extraction drains. A full business case will be drafted by TDC to confirm future works.

Aerial view of Whale and inspection locations.



## Sludge Management

We are now organising our dates for sludge removal and disposal to CHB. Concurrently, we are determining if composting is a viable course of action and will draft a business case to understand our options for future sludge management. Engagement will continue with iwi and technologists on potential long-term solutions.

## Consenting and Compliance

Completion of our Annual Reporting has been underway, there have been some general software issues that have necessitated an extension to the time for submission of this report. All registered drinking water suppliers must ensure the water they supply is safe and that it complies with legislative requirements, including the reporting requirements of the Rules. Our Compliance team has been working hard to get this finalised.

Compliance concerns have been primarily around the aesthetic qualities of Norsewood water and discussion with Taumata Arowai while previously had ended on a positive note had complications. This was around some updates that were requested and a conversation with Te Whatu Ora occurred. A positive result of this was achieved and as a result our public communications are accompanied by general health advice to our Norsewood residents.

Consenting strategy work is underway and a plan is to be organised for the workstreams required.

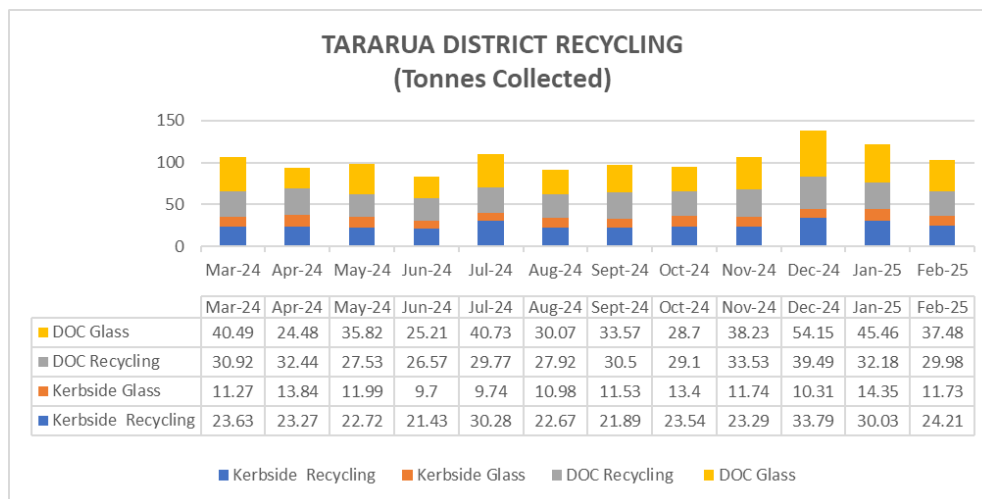
## 5. Solid Waste

### 5.1 Operational Activities

Budget/Activity					
<ul style="list-style-type: none"> <li>Refuse Transfer Stations (RTS Sites)</li> </ul>	<ul style="list-style-type: none"> <li>Dannevirke Transfer Station is operating well with nothing to report.</li> <li>Break ins – Dannevirke Transfer Station was broken into Thursday 27<sup>th</sup> February. They took a weed eater, 20 litre container of diesel, power inverter and battery from the rear of a vehicle. Police report has been submitted although the camera footage was not the best.</li> <li>Woodville Transfer Station has had the gate lock cut, they also cut the Lock into Murray’s yard, where they stole battery, keys and other bits</li> </ul> <p><b>February 2025:</b></p> <table> <tr> <td>Waste diverted from landfill</td> <td>1.36 Tonne</td> </tr> <tr> <td>Contaminated recycling to Landfill</td> <td>5.61 Tonne</td> </tr> </table>	Waste diverted from landfill	1.36 Tonne	Contaminated recycling to Landfill	5.61 Tonne
Waste diverted from landfill	1.36 Tonne				
Contaminated recycling to Landfill	5.61 Tonne				
Recycle Drop-off Centres	<ul style="list-style-type: none"> <li>We are experiencing moderate contamination in the Town Drop</li> </ul>				

Budget/Activity	
(DOC Sites)	off Bins. • •
<ul style="list-style-type: none"> <li>Kerbside Recycling Services</li> </ul>	<ul style="list-style-type: none"> <li>Kerbside collections are going well, and we have removed 2 more highly contaminated bins from circulation.</li> <li>New Plymouth Material Recovery Facility audits every load delivered.</li> <li>Keeping in mind our Team also pulls out contamination before each load heads up the line. <i>See below analysis for February Loads.</i></li> </ul>

## 5.2 Waste Minimisation



### 5.3 Load Audit Report

LOAD AUDIT REPORT										
Total Weight		20.4	KG							
Recoverable Material			Percentage	Non Recoverable Material		KG	Percentage	Description		
Steel	0.6	2.94%	General Waste		0.5	2.45%	Truck Rego Number			
Aluminium	0.6	2.94%	Gross Contamination		0	0.00%	Fleet Number			
PET clear 1	1.3	6.37%	Contaminated Recycle		0.1	0.49%	Date			
HDPE Natural	0.3	1.47%	Non Recycled Material		0.3	1.47%	Day			
HDPE Janitorial	0.3	1.47%	Glass			0.00%	Arrival time			
PP	0.2	0.98%	Vapes			0.00%	Run			
Paper	10.1	49.51%				0.00%	Area			
OCC	6.1	29.90%				0.00%	Type			
Total Recoverable Products Weight		19.5	KG	95.59%	Total Non-Recoverable Products Weight		0.9	KG	4.41%	
Truck Audit										
Total Weight		16.1	KG							
Recoverable Material			Percentage	Non Recoverable Material		KG	Percentage	Description		
Steel	1	6.21%	General Waste		0.4	2.48%	Truck Rego Number			
Aluminium	1	6.21%	Gross Contamination		0	0.00%	Fleet Number			
PET clear 1	2	12.42%	Contaminated Recycle		0.2	1.24%	Date			
HDPE Natural	0.7	4.35%	Non Recycled Material		0.3	1.86%	Day			
HDPE Janitorial	0.4	2.48%	Glass			0.00%	Arrival time			
PP	0.5	3.11%	Vapes			0.00%	Run			
Paper	4.4	27.33%				0.00%	Area			
OCC	5.2	32.30%				0.00%	Type			
Total Recoverable Products Weight		15.2	KG	94.41%	Total Non-Recoverable Products Weight		0.9	KG	5.59%	
Truck Audit										
Total Weight		24.3	KG							
Recoverable Material			Percentage	Non Recoverable Material		KG	Percentage	Description		
Steel	2.2	9.05%	General Waste		1.6	6.58%	Truck Rego Number			
Aluminium	1.4	5.76%	Gross Contamination		0	0.00%	Fleet Number			
PET clear 1	1.7	7.00%	Contaminated Recycle		1.3	5.35%	Date			
HDPE Natural	1.6	6.58%	Non Recycled Material		0.5	2.06%	Day			
HDPE Janitorial	0.6	2.47%	Glass		0.4	1.65%	Arrival time			
PP	0.2	0.82%	Vapes			0.00%	Run			
Paper	7.4	30.45%				0.00%	Area			
OCC	5.4	22.22%				0.00%	Type			
Total Recoverable Products Weight		20.5	KG	84.36%	Total Non-Recoverable Products Weight		3.8	KG	15.64%	
Truck Audit										
Total Weight		18.8	KG							
Recoverable Material			Percentage	Non Recoverable Material		KG	Percentage	Description		
Steel	1.6	8.51%	General Waste		0.2	1.06%	Truck Rego Number			
Aluminium	0.7	3.72%	Gross Contamination		0	0.00%	Fleet Number			
PET clear 1	2.4	12.77%	Contaminated Recycle		0	0.00%	Date			
HDPE Natural	0.7	3.72%	Non Recycled Material		0.6	3.19%	Day			
HDPE Janitorial	0.6	3.19%	Glass			0.00%	Arrival time			
PP	0.2	1.06%	Vapes			0.00%	Run			
Paper	2.4	12.77%				0.00%	Area			
OCC	3.4	50.00%				0.00%	Type			
Total Recoverable Products Weight		18	KG	95.74%	Total Non-Recoverable Products Weight		0.8	KG	4.26%	

Truck Audit									
Total Weight		16.1	KG						
Recoverable Material		Percentage		Non Recoverable Material		KG	Percentage	Description	
Steel	0.9	5.53%	General Waste	1.5	9.32%	Truck Rego Number			
Aluminium	0.6	3.73%	Gross Contamination	0	0.00%	Fleet Number			
PET clear 1	1.6	9.94%	Contaminated Recycle	0.2	1.24%	Date	17.2.25		
HDPE Natural	0.5	3.11%	Non Recycled Material	0.1	0.62%	Day	Monday		
HDPE Janitorial	0.4	2.48%	Glass	0.3	1.86%	Arrival time	7am		
PP	0.2	1.24%	Vapes		0.00%	Run			
Paper	2.6	16.15%			0.00%	Area	Danniverke		
OCC	7.2	44.72%			0.00%	Type			
<b>Total Recoverable Products Weight</b>		<b>14</b>	<b>86.96%</b>	<b>Total Non-Recoverable Products Weight</b>		<b>2.1</b>	<b>13.04%</b>		
KG				KG					
Truck Audit									
Total Weight		17.9	KG						
Recoverable Material		Percentage		Non Recoverable Material		KG	Percentage	Description	
Steel	0.9	5.03%	General Waste	0.5	2.79%	Truck Rego Number			
Aluminium	0.8	4.47%	Gross Contamination	0	0.00%	Fleet Number			
PET clear 1	2.1	11.73%	Contaminated Recycle	0.1	0.56%	Date	20.2.25		
HDPE Natural	1.2	6.70%	Non Recycled Material	0.1	0.56%	Day	Thursday		
HDPE Janitorial	0.3	1.68%	Glass		0.00%	Arrival time	7am		
PP	0.5	2.79%	Vapes		0.00%	Run			
Paper	3.2	17.88%			0.00%	Area	Danniverke		
OCC	8.2	45.81%			0.00%	Type			
<b>Total Recoverable Products Weight</b>		<b>17.2</b>	<b>96.09%</b>	<b>Total Non-Recoverable Products Weight</b>		<b>0.7</b>	<b>3.91%</b>		
KG				KG					
Truck Audit									
Total Weight		17.7	KG						
Recoverable Material		Percentage		Non Recoverable Material		KG	Percentage	Description	
Steel	0.8	4.52%	General Waste	0.6	3.39%	Truck Rego Number			
Aluminium	0.8	4.52%	Gross Contamination	0	0.00%	Fleet Number			
PET clear 1	2.3	12.99%	Contaminated Recycle	0	0.00%	Date			
HDPE Natural	0.7	3.95%	Non Recycled Material	0.1	0.56%	Day	26.2.25		
HDPE Janitorial	0.8	4.52%	Glass		0.00%	Arrival time	7.30am		
PP	0.5	2.82%	Vapes		0.00%	Run			
Paper	2.4	13.56%			0.00%	Area	Danniverke		
OCC	8.7	49.15%			0.00%	Type			
<b>Total Recoverable Products Weight</b>		<b>17</b>	<b>96.05%</b>	<b>Total Non-Recoverable Products Weight</b>		<b>0.7</b>	<b>3.95%</b>		
KG				KG					

## Attachments

Nil.





# Report

Date : 12 March 2025  
 To : Chairperson and Committee Members  
 Infrastructure, Climate Change and Emergency Management Committee  
 From : Mike Dunn  
 Three Waters Manager  
 Subject : **Portfolio Programme and Project Report**  
 Item No : **7.2**

## 1. Recommendation





1.1 *That the report from the Three Waters Manager dated 03 March 2025 concerning the Portfolio Programme and Project 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 key portfolios, programmes and project statuses.







## 3. Capital Portfolio Report

3.1 This report has a new focus to bring in all the projects and programmes into one report and will require some additional adjustments.

Portfolio Health Status	Forecast	General Comment	
 Green		Overall, the Infrastructure, Facilities and Corporate portfolio is trending positively. These portfolio reports that have been combined into this project will take some reorder for this report going forward.	
<b>Schedule</b>	 Green		The Dannevirke Impounded supply works were factored into our Annual Plan review. The Woodville reservoir work has also been rescheduled in accordance with the Annual Plan budget reviews. Moving into Autumn we

Portfolio Health Status	Forecast	General Comment	
		are cognisant that weather delays may start occurring to our construction works.	
<b>Budget</b>	 Green		Budget risks are primarily concerning the Dannevirke Impounded Supply works, Pahiatua Stormwater and the Pahiatua wastewater programme. With the revision of the Annual Plan, attention now turns to the identification of committed projects of work and completing the work required for the last quarter.
<b>Risk</b>	 Green		Project risks to note are the review of the Dannevirke Impounded supply and the Pahiatua Wastewater programme upgrade.
<b>Resourcing</b>	 Amber		Resourcing constraints are a still a challenge as we continue to navigate our projects alongside our operational requirements. We are still navigating some resource limitations, particularly with specialised skills and contractor availability.

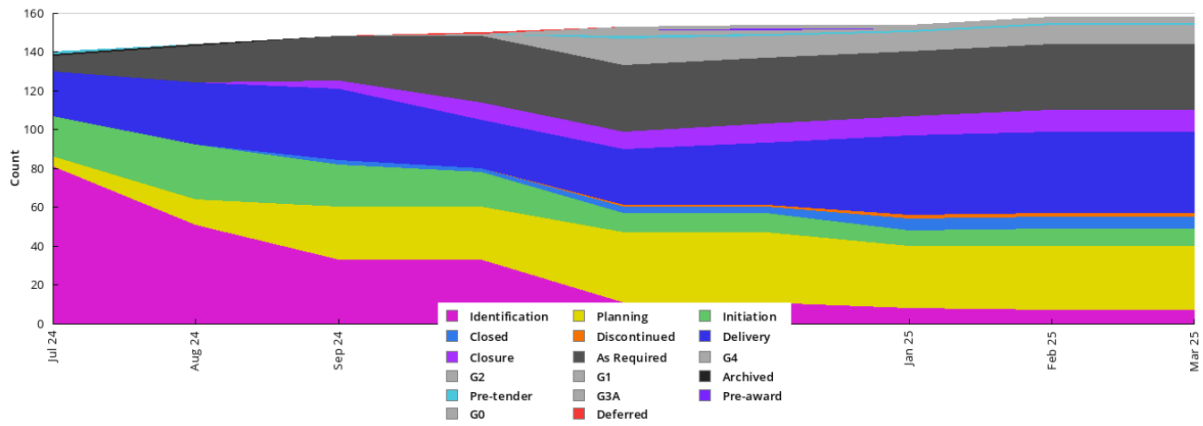
### Legend

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

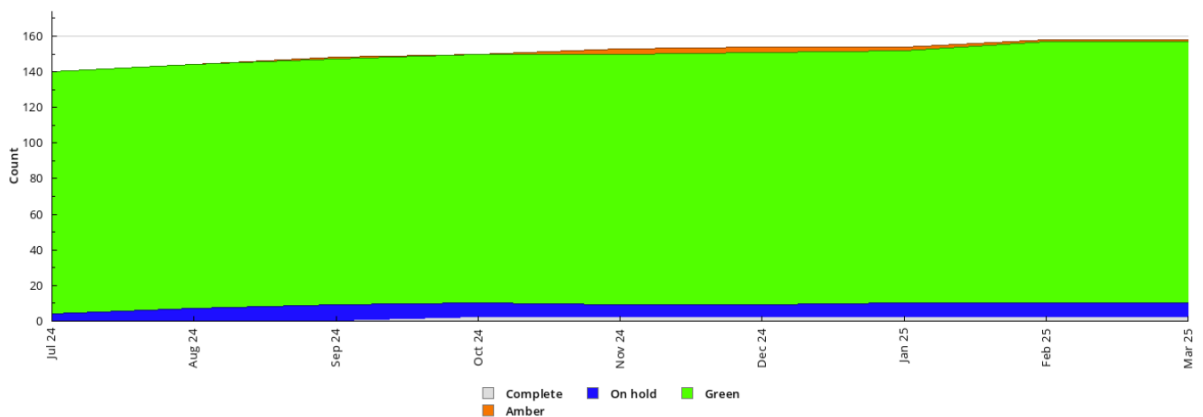
- 4.1 Our project management framework stipulates Gates for approval processes as depicted by G0, G1 etc. Monitoring the overall inflight project states is crucial as this enables greater oversight and ensures transparency and accountability throughout the project's lifecycle.





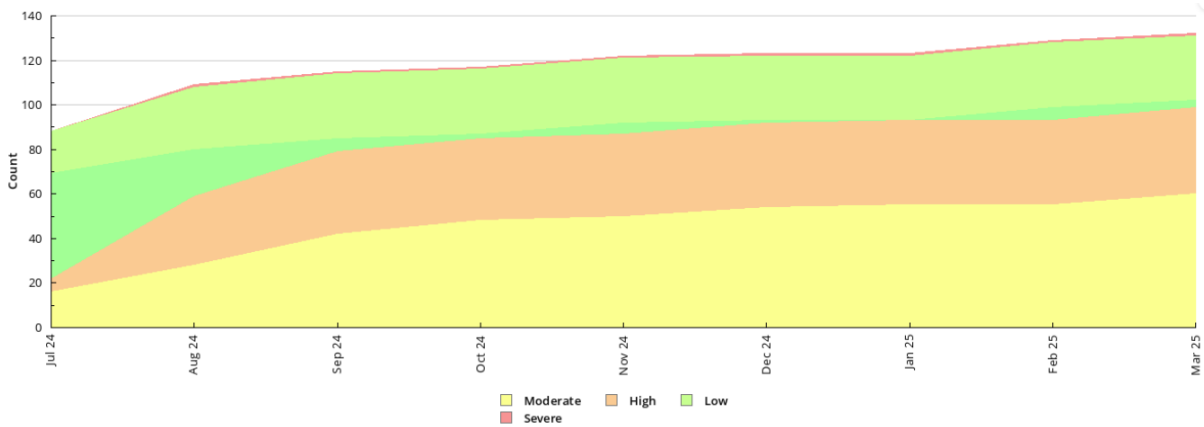
## 5. Capital Project by Status

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. 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.



## 7. Project Updates

Complete	On Hold	On Track	Revised but on track	Off Track
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### Infrastructure

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. Waiting for the Toll Road decision.	
Land Stabilisation Project	Mitchell Guile	Hand over occurring. RFP out, Comms plan drafted.	
Dannevirke DAF	Sue Lawrence	Project closure.	
Woodville Wetlands	Eugene Priest	Concept design being developed.	
Woodville Reservoir	Priscilla O'Neal-Searancke	Specialist working on proposal for Geo-Tech and Structural reporting.	
Woodville Wastewater Headworks	Eugene Priest	Gate valve actuator has arrived and needs to be fitted.	

Project	Managed by	Comments	Status
Woodville Wastewater Pond 2 Liner	Vito Lim	Pond 2 was taken offline in order to walk out the whales releasing the gas build up. An investigation was conducted, and a business case is being developed for future remedial works. There is extensive stretching apparent around the primary whale, this is indicated by the extent of the creasing of the liner around the whale following the reduction in the gas trapped.	
Dannevirke Impounded supply Programme	Mike Dunn	Alignment, scheduling, and scoping taking place.  Permanent markings and pinhole repair completed.  Monitoring Programme – Finalising timeframes with hand over of ROV equipment to the 3 Waters Assets team. Monitoring programme established  Submersible pumps – scope identification and review of background data completed. Stakeholder meeting to be conducted and costings to be confirmed.  Land purchase – Peter Wimsett Ongoing negotiations.	
Dannevirke Impound – Pretreatment Plant	Mike Dunn	Reviewing technical specification list. Exploring options for a static installation. Sample of turbid river event has been collected to analyse. Outcome to determine if a clarifier or a membrane pretreatment option is our best course of action.	
Dannevirke alternate water source investigations	Dave Watson	Meeting to be established between TDC and Horizons to discuss avenues and options in particular around the Dannevirke proposed bore sites.	
Dannevirke Water – Generator	Sue Lawrence	Request for proposals on generator and installation.	
District Town Signs	Ray Cannon	NZTA gave previous approval. Frangible bases – looking at best price for this work. Planning to start installing some next month starting with Woodville.	
Universal Water Metering	Priscilla O’Neal-Searancke	Engagement of specialised services to undertaken water charging analysis.  Delivery plan along with detailed specifications being finalised. System and platform options to be specified. This will further assist in what type of water meter is used.  Organising the technical requirements and resources of how to effectively coordinate the delivery. Programme	

Project	Managed by	Comments	Status
		planned to start this financial year.	
Norsewood Water Treatment Plant Upgrade	Eugene Priest	Flushing programme planned in detail. Contractor delivery schedule being organised. Comms delivered. Norsewood results have been fine-tuned and are producing intended project deliverables.	
Dannevirke Fluoridation	Eugene Priest	Final stages of commissioning and financial close out.	

## Facilities and Corporate

Project	Managed by	Comments	Status
Carnegie	Sue Lawrence	Report to be submitted to council.	
Waihi Falls Toilet	Eugene Priest	Toilets completed.	
Dannevirke Barraud Street	Robert Hood	2x cavity slider doors were installed to enable wheelchairs and prams better access.	
Pahiatua Carnival Park Ablution block and accessible upgrades	Robert Hood	Consent work required after replacement of septic tank upgrade for ablution block renewals, including providing for disability access to kitchen/lounge area. Carnival Park Committee agreed to and have funded the alterations they requested to the build plan (ramp & deck). Designs and concept conditions agreed. RFP conducted. Construction scheduled.	
Dannevirke Town Hall – Canopy	Robert Hood	Canopy removal has been completed just some cosmetic finishes to occur.	
Pahiatua Service Centre heating upgrade	Robert Hood	Completed. Positive feedback from public groups and staff.	
New Pahiatua Pool	Mike Dunn	Lotteries funding confirmed. Financial position and funding plans being confirmed and will be reviewed in coordination with the QS report in consideration to the quotes previously received.  QS report expected to be received by the 10 March. Review estimates and make recommendations based off the return for relevant courses of action in relation to our intended market approaches.	

Project	Managed by	Comments	Status
		Design works underway. Stormwater and civil engineering work is tied into the design development. Minor change accepted in the movement of the HVAC roof mounted air delivery and return units to ground mounted.  One page report to be generated for this report.	
Cemeteries extensions	Robert Hood	1. New berms at Woodville and Mangatainoka and minor finishing still to do and new ashes berm at Mangatera. 2. Awaiting design for new development at Mangatera.	
MPI Emergency Hub Fund	Mitchell Guile	Community Hub Project has been completed. Final report submitted on 29 June.	
Dannevirke Skate Park – BOF commitment	Sue Lawrence	Design starting. Invoicing to be received.	
IOT Door Counters	Chantelle Smit	All sensors are now installed and configured. Data from the libraries and service centres are now being collected in real time.	
Mobile Regulatory Solution	Chantelle Smit	Trial to be conducted to ensure business solution is viable. Actus trial underway with some fixes and issues being resolved. As a result, schedule has slipped right slightly, however confident can be brought back on track. Comply trial to start shortly.	

## Attachments

1. [3 Waters Infrastructure Enhancement Project Committee Report February 2025](#)
2. [Dannevirke Impounded Supply - Treated Reservoir Committee Report February 2025](#)
3. [District Water Universal Water Metering Committee Report February 2025](#)
4. [Eketahuna WWTP Upgrade Committee Report February 2025](#)
5. [Pahiatua WWTP Upgrade Committee Report February 2025](#)
6. [Wastewater I & I Strategy Committee Report February 2025](#)
7. [Building Iwi Capacity Committee Report February 2025](#)
8. [Digitisation of Council Records and Introduction to eservices Committee Report February 2025](#)
9. [Future Community Urban Design Committee Report February 2025](#)





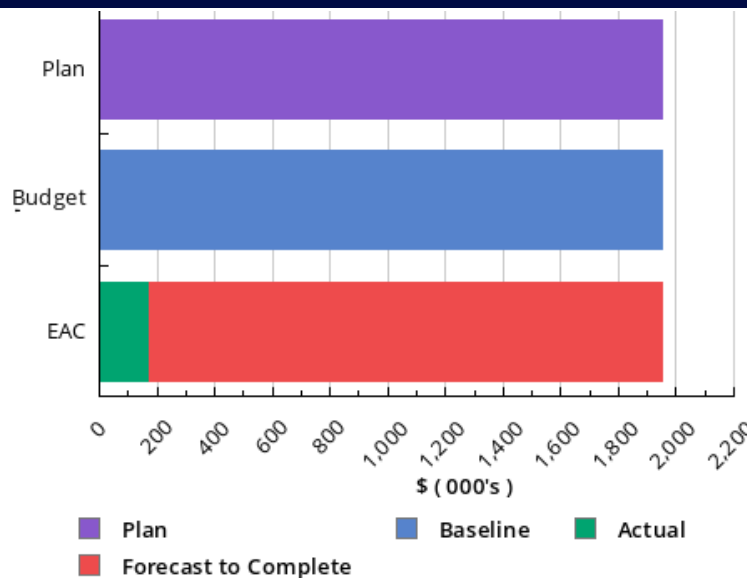
Project name

# 3 Waters Infrastructure Enhancement Project

Report date:	Start date:	Approved end date:	Projected end date:	Status update:
Mar-25	Jul-24	Jun-27	Jun-26	

<b>Purpose:</b>	To invest in improving water infrastructure and support the establishment of new water services delivery plans and or structures. This will ensure the council meets its legislative responsibilities, complies with consent conditions for providing safe drinking water, disposes of wastewater appropriately, and administers Trade Waste requirements effectively.
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Sue Lawrence
<b>Key stakeholders:</b>	Horizons Regional Council Department of Internal Affairs Iwi Public TDC Staff Contractors Crown Infrastructure Partners

Project budget:



Whole of Life  
Approved budget:  
**\$1,950,000**  
Actuals:  
**\$174,389**  
Estimate at completion:  
**\$1,950,000**

**0%  
Over budget**

	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	Project Status of Deliverables/Outputs: <ul style="list-style-type: none"> <li>The recruitment process for Asset Information Technician position is underway. Two of the four planned resources are in place.</li> <li>The assessment of pre-treatment options for the Dannevirke Impound Supply is underway.</li> <li>The Universal Water Metering Implementation Plan is being developed, outlining options for meters, data systems, water charging, and program estimated costs. This plan will be submitted to elected members in May for approval.</li> <li>A draft project plan for the Backflow Prevention Strategy and Policy is being prepared.</li> <li>Phase 2 of the Water Service Delivery Plan is being assessed to ensure there will be no duplication with the regional plan.</li> <li>The gathering of Water and Wastewater P&amp;ID, FD, and asset information is progressing and is scheduled for completion in September 2025.</li> <li>The sludge disposal plan incorporating a composting trial and landfill disposal is being finalised. The project schedule, plans, and outputs are almost finalised, a change request will be submitted to record the adjustments.</li> </ul>
<b>Scope:</b>	G	G	The scope of work includes: <ul style="list-style-type: none"> <li>The development of a Water Services Delivery Plan</li> <li>Demand Management Strategy</li> <li>Quality data collected</li> <li>Monitoring equipment installed</li> <li>Information verified across network</li> <li>Ensure TDC meets drinking water allocation consent conditions</li> <li>Support consent applications</li> <li>Coordinate response to any consent breaches</li> <li>Completion and implementation of a Trade Waste strategy</li> <li>Waste Water Strategy</li> <li>Engage additional resources to enhance water management, regulatory adherence, and operational resilience within the district.</li> </ul>
<b>Time:</b>	G	G	Project end date is June 2026.
<b>Budget:</b>	G	G	Forecasted across the various milestones.
<b>Quality:</b>	G	G	Quality is to be closely monitored during the delivery of milestones by both Project Manager and 3 Waters Manager.
<b>Risks:</b>	G	G	Risks include difficulty in sourcing qualified consultants, budget constraints, hiring challenges and insufficient capacity within the 3 Waters Team.
<b>Opportunities:</b>	G	G	
<b>Health &amp; Safety:</b>	G	G	N/A
<b>Resources:</b>	G	G	Specialist consultants will be engaged to meet deliverables.
<b>Comms:</b>	G	G	Comms plan is to be developed as required.

Next steps:

Reporting Structure finalised.  
The schedule for delivery of plans and outputs is completed.

Project timeline:

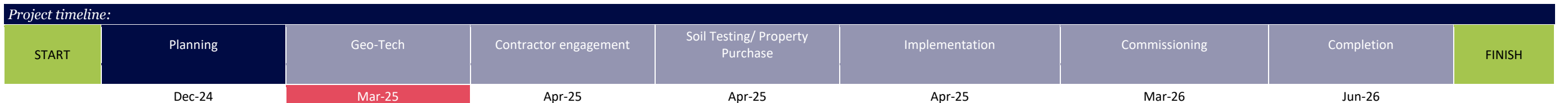
START	BOF project funding approved	Demand Management Plan and Water Conservation Plan	Sludge Disposal Strategy completed	Resilience and Options for Dannevirke Impound Supply	Backflow and Trade Waste Strategy	Water Services Delivery Plan	P&ID & Asset Data Capture	FINISH
	Aug-24	Oct-24	Apr-25	Apr-25	Jun-25	Aug-25	Sep-25	



Project name

# Dannevirke Impound Supply - Treated Reservoir

Report date:	Start date:	Approved end date:	Projected end date:	Status update:		
Mar-25	Jul-23	Jun-26	-		PREVIOUS STATUS	CURRENT STATUS
<b>Purpose:</b>	Supply and install an additional treated water reservoir for the Dannevirke township.			<b>Overall:</b>	G	G
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Priscilla O'Neale-Searancke			<b>Scope:</b>	G	G
<b>Key stakeholders:</b>	Horizons Regional Council Tararua District Council Dannevirke Community Alliance Group Contractor - TBC Consultants			<b>Time:</b>	G	G
				<b>Budget:</b>	G	G
				<b>Quality:</b>	G	G
				<b>Risks:</b>	G	G
				<b>Opportunities:</b>	G	G
				<b>Health &amp; Safety:</b>	G	G
				<b>Resources:</b>	G	G
				<b>Comms:</b>	G	G
<b>Project budget:</b>				<b>Next steps:</b>		
				Current Financial Year Approved budget: <b>\$0</b> Actuals: <b>\$6,572</b> Estimate at completion: <b>\$2,477,062</b> <div style="background-color: red; color: white; padding: 5px; text-align: center; font-weight: bold;">0% Over budget</div>		
				PM has been assigned to the project and has received draft design and proposed location for the new reservoir, will meet with property owner to arrange geo-tech investigation. RFP for geo-tech will be run through procurement. Current costs incurred are for the design phase. Geo-Tech investigation will indicate land suitability which is key to the Project schedule. 25/02/25 Currently engaging Geo-Tech and Electrical Services. Waiting quotes from specialist services.		
				Supply and install additional new reservoir for the Dannevirke township.		
				Currently still in the pre engagement phase, due to property owner approval and site investigation requirements. 25/02/25 Meet with property own and given approval to undertake Geo-tech and structural investigation.		
				\$2,500,000. Current budget allocated to the design, Technical spec and RFP. Once Geo-tech has been completed and suitable land identified a budget forecast can be completed inline with project schedule.		
				There is a financial risk, contractor availability to complete work with in the programmed timeframe. Work may effect water supply when undertaking connections into existing supply lines. Communications need to be clear and concise.		
				Plant and pipeline upgrades		
				The PM will work closely with the H&S team to ensure H & S requirements are clearly defined in the RFP and throughout the implementation.		
				25/02/25 Currently working on engagement for specialist services		
				PM to work closely with the comms team to ensure the community is aware of the work being undertaken. a Comms plan will also be included in the RFP with the contractor to ensure contact information is present.		
				Once the Geo-tech investigation has been completed, PM to work with the technical and procurement team to complete an RFP for the supply and install of the new reservoir. A Project plan and estimated project schedule can be raised for stakeholder approval.		





Project name

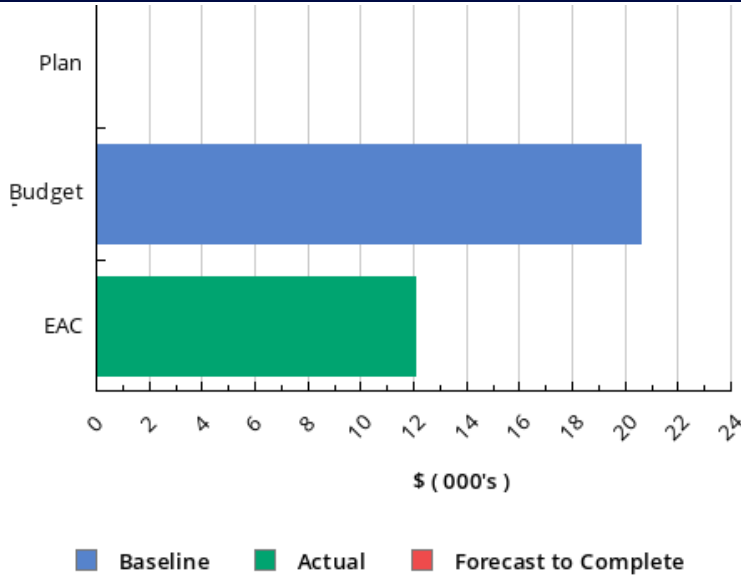
# District Water Network Universal Metering



Report date:	Start date:	Approved end date:	Projected end date:
Feb-25	Jul-24	Jun-26	-
<b>Purpose:</b>	Supply and install a universal water metering system to provide data to assist in the districts water management program.		
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Priscilla O'Neale-Searancke		
<b>Key stakeholders:</b>	Horizens Regional Council Tararua Community TDC Alliance Contractor - TBC Consultants		

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

Project budget:

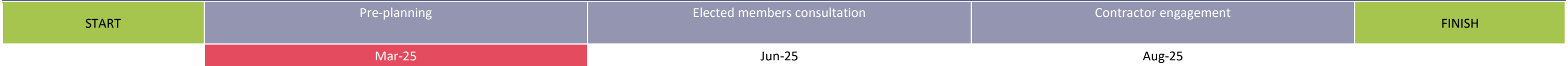


Whole of Life  
 Approved budget:  
**\$20,560**  
 Actuals:  
**\$12,033**  
 Estimate at completion:  
**\$12,033**

**41% Under budget**

**Next steps:**  
 PM and Consultant continue to work through gathering information and data to ensure the document package for submission to elected members have viable options to allow them to make informed decisions.

Project timeline:



Project name

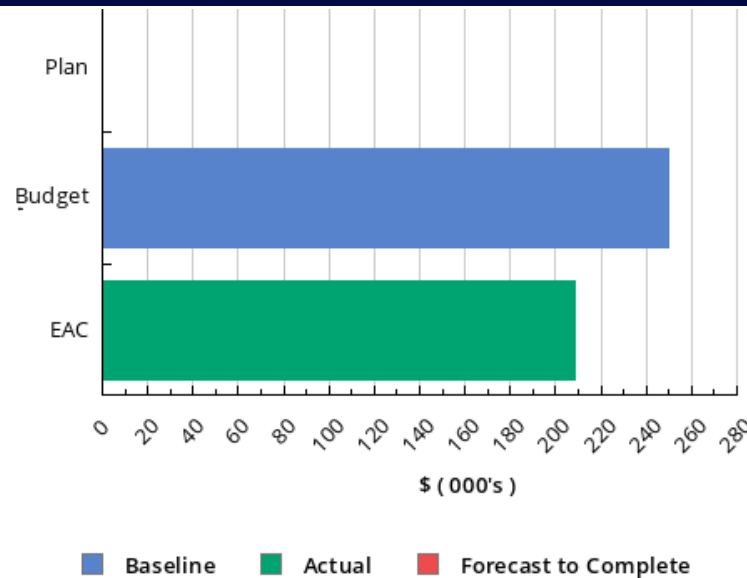
# Eketahuna Wastewater Treatment Plant Upgrade



Report date:	Start date:	Approved end date:	Projected end date:	Status update:
Feb-25	Jul-24	Jun-26	Sep-27	

<b>Purpose:</b>	The purpose of this project is threefold: 1. To ensure all treated wastewater indirectly discharged from the plant to the Makakahi River complies with current and future resource consent conditions. 2. To reduce Eketāhuna Inflow & Infiltration (I & I) to allow for a fit for purpose WwTP to reduce cost and prevent unconsented discharges. 3. To ensure collaborative approach with Iwi and Horizons to produce outcomes that align with district and regional wastewater treatment strategies.
<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:



Current Financial Year  
Approved budget:  
**\$250,000**  
Actuals:  
**\$208,377**  
Estimate at completion:  
**\$208,377**

**17% Under budget**

	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	Horizons have indicated that TDC will need to apply for a variation to the consent condition to put a hold on building the vertical wetland, iwi have given TDC support with this decision, so TDC have engaged an external consultant to prepare the consent variation. It was agreed to have early contractor engagement to assist in the pipeline design to ensure constructability. Discharge specific Environment & Sediment Control Plan (ESCP) is to be drafted and signed off before construction by Horizons, TDC & Iwi <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. Site meeting 10th March (Horizons, Iwi & TDC) with work to start 11th March <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. Flow meters have been removed and smoke testing completed. Reports are being drafted for review by TDC <b>Supplier is currently installing temporary pumping solution on Pond 2 with the pipeline installer starting 11th March</b>
<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	<b>Pipeline - From Wetland Budget</b> <b>I &amp; I - From Infiltration Strategy &amp; Implementation Budget</b> <b>Temp Pumping Solution - From Eketahuna WwTP Upgrade Budget</b> 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
<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

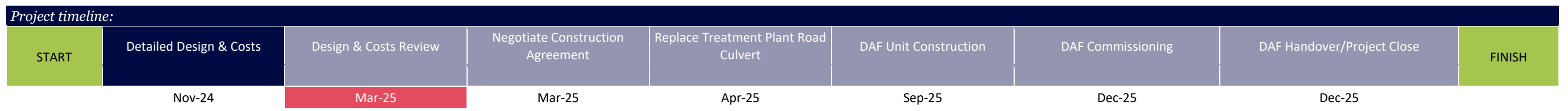
**Next steps:**  
Discharge specific ESCP drafted and reviewed  
Pipeline Construction  
Temp pumping option installed  
Temp Flow to Wetland

Project timeline:										
START	I & I Investigation Procurement	I & I Investigation Starts	Pipeline Detailed Design Received	I & I Investigation Complete	I & I Investigation Report	Pipeline Works Start	Pipeline Works Complete	Temporary Flow to Wetland Commences	Discharge Analysis Period	FINISH
	Jun-24	Oct-24	Nov-24	Feb-25	Mar-25	Mar-25	Anr-25	Anr-25	Anr-25	



# Pahiatua Wastewater Treatment Plant Upgrade

Report date:	Start date:	Approved end date:	Projected end date:	Status update:				
Feb-25	Jul-24	Jun-26	Oct-25		PREVIOUS STATUS	CURRENT STATUS		
<b>Purpose:</b>	To provide an upgrade to the existing Wastewater Treatment plant that will meet current and future consent conditions and align with the design and build of the required wastewater wetlands that will be constructed concurrently with this project.			<b>Overall:</b> G G Detailed design and costs have been reviewed with costs being higher than what was originally forecast. This can be attributed to Geotechnical design of DAF plant and inflationary and design costs. The extra costs with 4 other options were presented to the PMO Stakeholder Working Group (SWG) for consideration. The SWG unanimously preferred the costed option minus the raised platform. This project has been part of the Stakeholders Working Group (SWG) and has involved four meetings, with one site visit involving TDC/Horizons/Iwi & Subject Matter Experts (SME) to assist in steering the project towards the best outcomes for the associated stakeholder. Also, being able to align with the current WwTP wetland design and build has created efficiencies in collaboration and design. Tonkin & Taylor (T&T) have submitted completed portion of the detailed design for Horizons to meet consent conditions. Vertical Flow Wetland design has yet to be complete as tests need to be carried out on aggregate media materials to assess aggregate ratios. Hydro Parcel where discharge structures will be installed has an unknown owner/administrator. TDC have a vendor applying for the Land Status Report to determine ownership. Bridge replacement of culvert will be carried out in the new year but we are still to receive design and costs.				
<b>Project team:</b>	Sponsor: Mike Dunn Project Manager: Eugene Priest							
<b>Key stakeholders:</b>	Horizons Regional Council Elected Members Ngāti Kahungunu & Rangitāne Rate payers/general public Landowners ELT Compliance Manager							
<b>Project budget:</b>					<b>Scope:</b>	G	G	A full scope for the WwTP upgrade will be available on release of the detailed design and costs
					<b>Time:</b>	G	G	It is expected to have this project completed at the end of 2025
Current Financial Year Approved budget: <b>\$589,000</b> Actuals: <b>\$72,706</b> Estimate at completion: <b>\$72,706</b> 88% Under budget					<b>Budget:</b>	G	G	This will be confirmed on release of detail design and costs
					<b>Quality:</b>	G	G	Will be determined by any agreement with the constructor and SME's assisting with this project. ITP & adherence to NZ standards will be paramount for this project
					<b>Risks:</b>	A	A	Risk & Hazops workshop to be held on receipt of design and costs Culvert is inadequate for heavy construction traffic
					<b>Opportunities:</b>	G	G	Efficiencies in design with wetland. Collaboration with Stakeholders Culvert replacement
					<b>Health &amp; Safety:</b>	G	G	NZ H&S standards to be followed in all instances
				<b>Resources:</b>	G	G	Resources are being utilised as expected	
				<b>Comms:</b>	A	A	Comms plan to be drafted	
				<b>Next steps:</b>				
				Confirm final design iteration and costs Re-evaluate budgets Negotiate construction agreement				



Project name

# District Wastewater Infiltration and Inflow Strategy Implementation



Report date:	Start date:	Approved end date:	Projected end date:	Status update:				
Feb-25	Jul-24	Dec-25	Jun-25		PREVIOUS STATUS	CURRENT STATUS		
<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>Overall:</b>	G	G	Four flow monitors have now been removed and the scheduled smoke testing and infrastructure inspections completed with respective reports received. Reports are going through a review by external consultant while we wait for the remediation plan and costs report. Vendor will supply an interim proposal to fix manhole chambers highlighted in inspections report. It is believed that the benefits of these repairs could be considerable in relation to overall I&I. Communication with the Eketahuna community and their associated community groups will be paramount during both the investigation and the rehabilitation phases.	
<b>Project team:</b>	<b>Sponsor:</b> Marcus Clifford <b>Project Manager:</b> Eugene Priest				<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>Key stakeholders:</b>	TDC - 3 Waters Tararua Alliance Horizons Regional Council Ngāti Kahungunu ki Tāmaki nui-a-Rua Rangitāne o Tamaki nui-a-Rua					<b>Time:</b>	G	G
<b>Project budget:</b>				<b>Budget:</b>	G		G	Costs for remediation will be known after investigation report has been delivered later in the year. Cost for investigation is confirmed at \$197k. Some extra services if required might need to be employed and have been outlined in the Modular Agreement with the vendor
				<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.	
<p>Current Financial Year Approved budget: <b>\$592,000</b> Actuals: <b>\$240,952</b> Estimate at completion: <b>\$240,952</b></p> <p><b>59% Under budget</b></p>				<b>Risks:</b>	G	G	Community engagement is critical to the success of this project therefore we need to ensure good communications with the Eketahuna community to ensure they are aware of the investigations. 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>	G	G	Comms plan completed and reviewed. Comms has been pushed out to the community advising them of the upcoming and ongoing works.	
				<b>Next steps:</b>				
				Receive interim chamber repair proposal Receive I&I remediation programme and associated costs Plan remediation for public owned assets Plan comms and information sessions for private connection issues.				

Project timeline:									
START	Procurement (RFP)	Agreement Negotiated & Signed	Contract Delivery Starts	Flow Monitoring & Investigations	Investigation Findings Released	Remediation Options Considered	Selected Option to be Implemented	Implementation Complete	FINISH



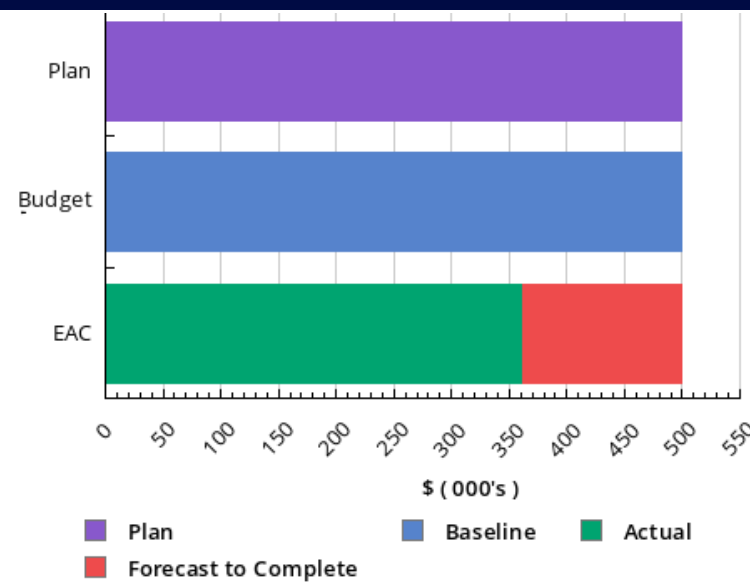
Project name

# Building Iwi Capacity

Report date:	Start date:	Approved end date:	Projected end date:
Feb-25	Jul-23	Sep-25	Sep-25

<b>Purpose:</b>	The purpose is to build iwi capacity to foster meaningful collaboration, ensuring that Māori perspectives are integrated into council activities and community projects, leading to improved outcomes.
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Sue Lawrence
<b>Key stakeholders:</b>	Ngāti Kahungunu o Tamaki-nui-ā-Rua Rangitāne o Tamaki-nui-ā-Rua Horizons Regional Council TDC Staff

## Project budget:



Whole of Life  
Approved budget:  
**\$500,000**  
Actuals:  
**\$361,976**  
Estimate at completion:  
**\$500,000**

**0% Under budget**

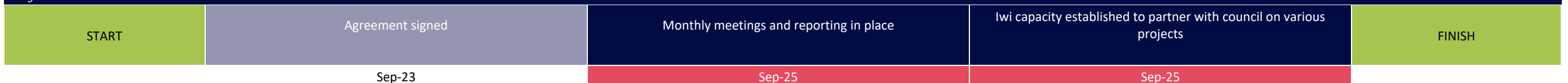
## Status update:

	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	Regular meetings and monthly reports continue to enhance communication and collaboration between Iwi and TDC. Our Human Resources team will work with both Iwi to introduce a new module within the TDC Induction Programme that aligns with TDC's cultural objectives, expanding TDC staff's understanding of tangata whenua and the cultural significance of the Tararua District.
<b>Scope:</b>	G	G	The following breakdown is the functions that the funding will support:  Facilitating and support the ongoing relationship with Tararua District Council to introduce new and improved systems Assess and triage all Council Resource Management Act Consents To build and maintain a strong relationship with Council consenting teams To support the implementation of an improved consenting and charging framework Coordinate site visits especially those of cultural significance during consenting processes Co-ordinate cultural activities associated with consenting Engage with Council in environmental matters that require Iwi input
<b>Time:</b>	G	G	Agreements are in place and the reporting requirements outlined are being met.
<b>Budget:</b>	G	G	The budget is fully allocated with 50% of the funding for each iwi.
<b>Quality:</b>	G	G	N/A
<b>Risks:</b>	G	G	N/A
<b>Opportunities:</b>	G	G	N/A
<b>Health &amp; Safety:</b>	G	G	No issues.
<b>Resources:</b>	G	G	Both Iwi have engaged FTE as per the contract.
<b>Comms:</b>	G	G	To work with the Communications team as required

## Next steps:

Meeting with Iwi is integrated into TDC's Staff Induction Programme.  
Continue to work together to further strengthen Iwi capacity and collaboration.

## Project timeline:



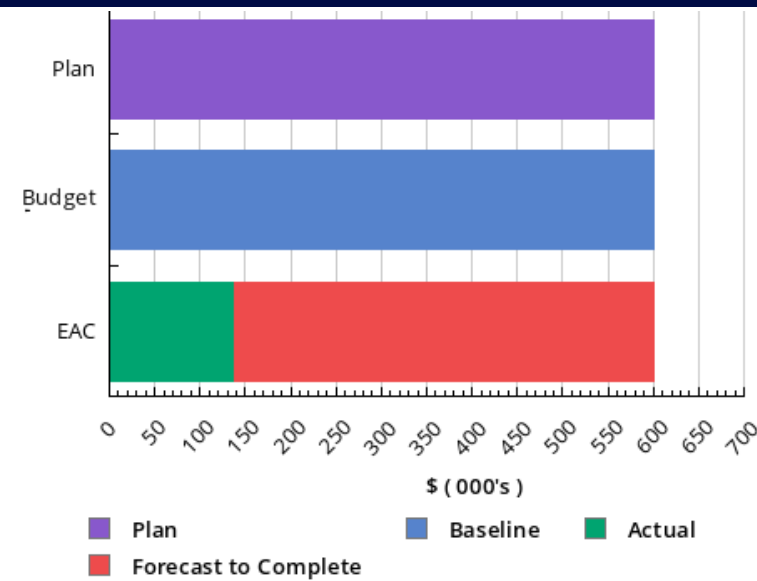
Project name

# Digitisation of Council Records and the introduction of E-Services



Report date:	Start date:	Approved end date:	Projected end date:	Status update:
Feb-25	Jul-23	Jun-27	Jun-27	
<b>Purpose:</b>	The Digitisation of Council Property Records and the introduction of E-Services.			
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Sue Lawrence			
<b>Key stakeholders:</b>	IS Consultants/Vendors/Developers Procurement Specialists TDC Staff			

Project budget:



Whole of Life  
 Approved budget:  
**\$600,000**  
 Actuals:  
**\$137,924**  
 Estimate at completion:  
**\$600,000**

**0% Under budget**

	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	The contractor remains on track to complete the digitisation of property files by late March, with TDC's review process and project closure is set for mid-April. A Discovery workshop was held in early February for e-services software, focusing on advancing online access to TDC's digital property records. The next step is a Delivery Feasibility Assessment, which will clarify functional requirements for online access, identify records for accessibility, evaluate CM capabilities, ensure compliance, conduct pilot testing, and develop a phased implementation plan. As part of the Priority 2 e-services program, the enhancement to the cemeteries page, scheduled for completion by June 2025, is progressing with the first stage of digital mapping now complete. Photographs of all headstones are yet to be completed. The next e-services to be developed will be dog registration and online facilities booking, with Civica having been requested to provide further information.
<b>Scope:</b>	G	G	The project's priorities are : <b>Priority 1</b> • Digitisation • Publicly accessible digital property records. <b>Priority 2</b> • Cemetery management (GIS mapping, then inhouse) • Community Heritage. Database • Dog Registration • Bookings of facilities • Online payments. The criteria for prioritising the E-services are; customer demand, current or similar service available online, regulatory expectations, customer-facing and costs of delivery.
<b>Time:</b>	G	G	The digitisation of the TDC's property files is scheduled to be completed at the end of March/April 2025. The overall project will conclude by 30 June 2027.
<b>Budget:</b>	G	G	The digitisation and property files E-service under Priority 1 budget is \$395,000 with Priority 2 E-services allocated \$205,000.
<b>Quality:</b>	G	G	An internal resource has been assigned to manage and conduct quality control audits, including tracking files for the digitisation project.
<b>Risks:</b>	G	G	The digitisation project and e-services carry their own risks and require individual risk assessment and treatment.
<b>Opportunities:</b>	G	G	With a fixed budget of \$205,000 for Priority 2 e-services, the number of e-services introduced will depend on their costs and prioritisation.
<b>Health &amp; Safety:</b>	G	G	As per TDC's Health and Safety
<b>Resources:</b>	G	G	The introduction of e-services is reliant on the availability of TDC's IT staff.
<b>Comms:</b>	G	G	A comms plan will be completed as required.

Next steps:

Planning phase for publicly accessible digital property records finalised.  
 Prioritising and subsequently scoping the Priority 2 E-services.  
 Digitisation of Property files complete.

Project timeline:

START	Digitisation of Property records underway	E-Services Preliminary overview completed.	Rescoping of Project	Procurement process commences	Contractor for Digitisation Services engaged	Digitisation of Property files commences	Planning Phase for Priority 1 E-service completed	Scoping the Priority 2 E-services	Digitisation of Property Records complete	Cemeteries E-service complete	FINISH
	Jun-23	May-24	May-24	Jul-24	Aug-24	Oct-24	Mar-25	Mar-25	Mar-25	Jun-25	



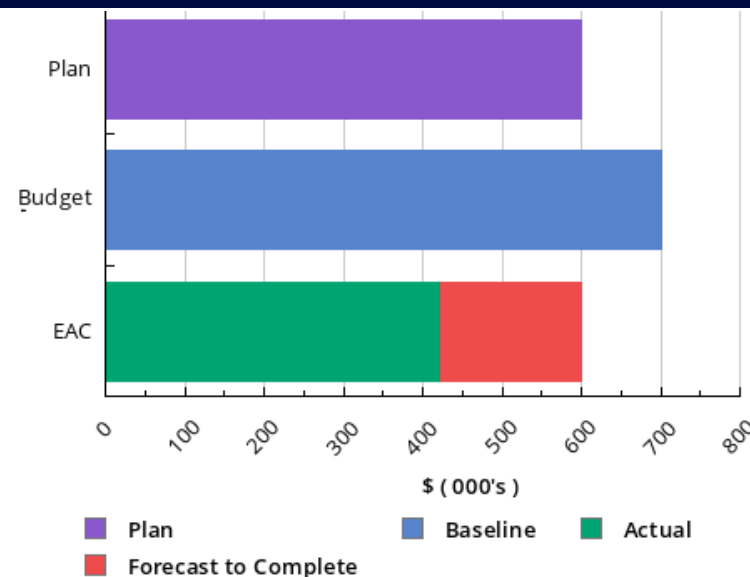
Project name

# Future Community Urban Design

Report date:	Start date:	Approved end date:	Projected end date:
Feb-25	Jul-23	Oct-24	Jul-25

<b>Purpose:</b>	The purpose of the Future Community Urban Design project is to "Developing a Framework for Managing the Built Environment in Urban Areas for Future communities"
<b>Project team:</b>	<b>Sponsor:</b> Mike Dunn <b>Project Manager:</b> Sue Lawrence
<b>Key stakeholders:</b>	Community Boards Iwi Community members Horizons Regional Council Waka Kotahi Council members Developers Utility Providers Kainga Ora TDC Staff

## Project budget:



Whole of Life  
Approved budget:  
**\$700,000**  
Actuals:  
**\$423,271**  
Estimate at completion:  
**\$601,000**

**14% Under budget**

	Status update:		
	PREVIOUS STATUS	CURRENT STATUS	
<b>Overall:</b>	G	G	The Development Policy informing the District Plan is complete. Following community sessions and workshops held in Woodville, Dannevirke, and Norsewood from late November to early December, a working draft of the Urban Design Strategy was received in late February. Feedback will be sought from Elected Members, Iwi, and the consulted town communities. Before finalising the draft, Pahiatua and Eketahuna, which initially opted out of the Strategy, will be consulted to determine if they now wish to participate. Their decision will impact the Strategy's delivery timeline and budget and may require a resolution change from a district-wide to a town-specific strategy. The contract for the ePlan has been signed and the draft District Plan is scheduled to be accessible via ePlan in July.
<b>Scope:</b>	G	G	Part A Urban Growth Strategy adopted and the Development Policy to inform the District Plan Review. For Part B the deliverable is the Urban Design Strategy 2025-2050 (previously referred to as the Town and Village Centre Upgrade and Urban Connectivity Strategies).
<b>Time:</b>	G	G	The delivery timeline for the Urban Design Strategy will be determined once it is decided whether the Strategy will be district-wide or be town-specific. This will not impact the BOF funding arrangements.
<b>Budget:</b>	G	G	Current expenditure is \$423,471 or 56% of total budget of \$700,000. The project spend is forecasted to be \$601,000 or 14% under budget.
<b>Quality:</b>	G	G	Deliverables and timeframes are being monitored.
<b>Risks:</b>	G	G	There is no change to the Risks.
<b>Opportunities:</b>	G	G	N/A
<b>Health &amp; Safety:</b>	G	G	N/A
<b>Resources:</b>	G	G	Expert resources have been engaged to undertake this project.
<b>Comms:</b>	G	G	Ongoing liaison with Comms team as required.

## Next steps:

Consultation with the Elected members, Iwi and town specific communities.  
Urban Design Strategy completed.  
Eplan available.

## Project timeline:

START	Background and Development Phase	Draft Growth Strategy adopted	Approval of Growth Strategy	Community Engagement for Urban Design Strategy	Development Policy completed for District Plan Review	Feedback on Draft Report finalised	Urban Design Strategy adopted	ePlan for District Plan released	FINISH
	Jun-23	Dec-23	May-24	Dec-24	Feb-25	Apr-25	May-25	Jul-25	