

Infrastructure, Climate Change and Emergency Management Committee Notice of Meeting

A meeting of the Infrastructure, Climate Change and Emergency Management Committee will be held in the Council Chamber, 156 High Street, Dannevirke on **Wednesday 20 August 2025** commencing at **1:00 pm**.

Peter Wimsett Interim 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.

3.1 Presentation - National Emergency Management Agency

Dave Gawn, Chief Executive of National Emergency Management Agency will be in attendance to provide an update to the Committee.

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 18 June 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 Project Report

39

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



Infrastructure, Climate Change and Emergency Management Committee

Minutes of a meeting of the Infrastructure, Climate Change and Emergency Management Committee held in the Council Chamber, 156 High Street, Dannevirke on Wednesday 18 June 2025 commencing at 1:00 pm.

1. Welcome and Meeting Opening

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

In Attendance

Mr C French - Relier Project and Strategy Limited (via Teams)

Mr B Nicholson - Chief Executive

Mr H Featonby - Group Manager - Operations

Mr M Dunn - Manager – Programmes and Projects

Mr E Priest - Senior Project Manager

Mr A Desmond - Network Manager – Tararua Alliance

Ms P O'Neale-Searancke - Project Manager

Mrs S Anthony - Democracy Support Officer

2. Apologies

2.1 That the apology for Councillor Mike Long and the apologies for early departure from Councillors Scott Gilmore and Steve Wallace be accepted, and leave of absence granted from the meeting.

Collis/Wallace Carried

3. Public Forum

Nil

4. Notification of Items Not on the Agenda

4.1 Update on water services at Akitio

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

Nil

6. Confirmation of Minutes

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

Chase/Johns Carried

7. Reports

7.1 Infrastructure Management Report

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Group Manager – Infrastructure dated 09 June 2025 that provided an update on key activities and items of interest over the period 11 May to 6 June 2025.

It was noted that the conditional approval of funding for the Lindauer Trail has now been fulfilled and funding has final approval. If access to the KiwiRail corridor is approved as part of the project, there would be additional costs over 9 years which Council will need to make a commitment decision on.

A question was asked regarding the level of service for the Saddle Road as detour route and it was advised that the original Memorandum of Understanding noting the level of service required for a highway will be the benchmark. The road will be open with consideration to narrowing the areas where there are passing lanes currently. The road should remain robust unless future extreme weather events hit the area.

Councillors Gilmore and Wallace left the meeting at 1.30pm.

It was advised that with the Dannevirke Impounded Supply failure of the sonar unit prompted investigation into the costs and use of a clarifier which could pump direct from the river, supporting current infrastructure and offering an alternative source and resilience.

Analysis was undertaken of ground water infiltration evidence in Eketāhuna wastewater, smoke testing was conducted and also manhole investigations were carried out at 2am when waste water levels were at a minimum and showed significant evidence of infiltration, it was noted that Eketāhuna is an old network with multiple broken connections. A vendor is currently drawing up a proposal for manhole repairs in the area. Once this is completed then further discussions will be had with Tararua Alliance for future work. Water NZ KPI's provide an

indicator of key considerations to weigh up and decide upon. Once upgraded, it is intended that the Eketāhuna model will be used in other towns. Work will be undertaken on the wetlands alongside the upgrade.

It was asked if an update could be provided in regards to water services in Akitio and noted that a positive response was anticipated from the Ratepayers' Committee for working towards compliance. The Three Waters Manager advised an update on this would be provided in the next report. A local community member had been gathering data on tank ownership in the area to assist with Council's analysis. Tanks are being delivered and installed and investigations are ongoing.

That the report from the Group Manager - Infrastructure dated 09 June 2025 concerning the Infrastructure Management Report be received.

Chase/Johns Carried

Chris French joined the meeting at 2:28pm via Teams

7.2 Universal Water Metering

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Project Manager dated 23 April 2025 presenting the case for implementing Universal Water Metering (UWM) across the Tararua District, outlines the project scope, and provides information regarding the delivery and procurement approach. It supports the Council's long-term strategy to manage water demand, reduce wastage, and ensure sustainable infrastructure investment.

It was advised that Phase 1 would roll out in Dannevirke as the largest town in the district experiencing approximately 56% water loss, and community engagement will be undertaken prior. A third party will set water charge for usage. Option 4 is the preferred option. It was noted that water charging is emotive, there are very few higher water users and it can have an effect on revenue if the users decide to cut or reduce supply as a result of water metering charges; a suggestion was made to have a fixed charge for high users with cost rises incremental.

A concern was raised about how the water metering installation would interact with Local Water Done Well and it was advised that work programmes will overlap, however it will be important to avoid too many changes down the track. Completion of the bylaw will be critical to the process as this will carry through to the CCO once formed. It is an unknown stage of transition, with the set-up of the model being the main focus rather than the workplan. Providers will assess multiple factors to determine the meter best suited to our area. Once a preferred meter is identified then TDC will consider approaching the other councils to discuss procurement.

Councillor Gilmore returned to the meeting at 3:03pm.

A question was asked regarding prioritisation and understanding of Norsewood water connections which are experiencing immediate issues; additional water consents have been applied for. It was advised that monitoring is currently limited, the monitoring of the health of the system is valuable with a new system. Norsewood is a consideration for aligning to the project and further conversations are yet to be had.

That the report from the Project Manager dated 23 April 2025 concerning the Universal Water Metering be received.

Johns/Wards Carried

7.3 Portfolio Programme Project Report

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Three Waters Manager dated 4 June 2025 providing an update on the key portfolios, programmes and project statuses.

It was noted that the Group Manager – Infrastructure will take over as Project Sponsor for Pahiatua Pool.

That the report from the Three Waters Manager dated 04 June 2025 concerning the Portfolio Programme Project Report be received.

Gilmore/Chase Carried

8. Items not on the Agenda

8.1 **Update on water services at Akitio** – this item was discussed during the Infrastructure Management Report.

There being no further business the Chairperson thanked those present for their attendance and contributions, and declared the meeting closed at 3:15pm.

Chairperson	



Report

Date : 13 August 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**

1. Recommendation

1.1 That the report from the Group Manager - Infrastructure dated 06 August 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 9 July to 9 August 2025

3. Executive Overview

3.1 The start of the financial year has been marked by strong delivery across Council's operational areas, with last year's reporting finalised ahead of schedule and this year's work programmes well underway. Statutory and external reporting requirements - including inputs to Council's Annual Report, asset valuations, and NZTA's Achievement & Insights tool were all completed in a timely manner, reflecting improved efficiency compared with previous years.

3.2 Transport

3.2.1 The Transport team successfully delivered an expanded renewals programme while progressing recovery works from Cyclone Gabrielle, which are now nearing completion. NZTA's technical audit commended the team for sound network management decisions and the overall quality of the network last year as well which provides confidence in the team. Seasonal weather has increased pressure

on our unsealed roads. Within the current budget, the programme allows for an average of two grader runs per year, with scheduling prioritised according to road use and condition. To ensure the timing is effective the team have Road Inspectors monitor the network on a rolling basis. The Tararua Alliance's differential level of service project will provide clearer expectations for maintenance frequencies based on factors such as traffic and usage because not all roads require the same amount of maintenance input. Draft proposals will be workshopped with elected members before wider community consultation as part of the next Asset Management Plan for the Long-Term Plan. Agreement is also very close on the formal hand back of roads managed by NZTA during recent new road construction. Once confirmed, remedial works will be scheduled in for the summer period. As these roads now experience lower traffic volumes, the works will focus on delivering an appropriate level of service within the existing maintenance contract.

3.3 Three Waters and Project Management Office

3.3.1 The Three Waters and PMO teams have made solid progress this year. Key achievements in the past month include the commissioning of the Eketahuna wetlands, installation of the Pahiatua chemical shed, and relocation of recycled water tanks to Akitio ready for plumbing. Stability has continued to be maintained at the Impounded Supply following liner repairs earlier in the financial year, with subsoil drains now operating as expected. Regular on-site monitoring and underwater inspections have confirmed the system remains in equilibrium and that the imminent risk is mitigated. Significant progress is also being made on resilience projects - including a new treated water reservoir, improved intake, and pre-treatment technology - which will reduce reliance on the Impounded Supply and enhance the network's ability to cope with drought and poor river conditions. Several projects were concluded by year-end, with carryover projects limited to those already in contract or underway. While the carryover value is slightly higher than last year, this is largely due to the multi-year Impounded Supply and Pahiatua Pool projects, both of which are progressing well and expected to be completed early in the financial year.

3.4 **Solid Waste**

- 3.4.1 The Solid Waste team has completed its first year of in-house kerbside and bulk movement recycling services without a single missed day of collection. Alongside this operational success, they have run a strong public education campaign, improved transfer station sites, and delivered significant operating budget savings.
- 3.4.2 The next key milestone is the rollout of kerbside recycling in Norsewood and Ormondville in November, coinciding with the end of the current contract and the arrival of our own Kerbside truck to service the district. This focus on Norsewood and Ormondville also includes relocating of the Drop-Off Centre bins in both communities to more suitable sites and replacing older manual-empty bins with newer units compatible with the Council's Hook Truck system. Location challenges are being worked through to ensure readiness for the November changeover but we are quietly confident.

4. Transport

4.1 Alliance Management Overview

With the end of the FY25, below is a high-level overview on the financial spend for the year using Waka Kotahi NZTA's budget categories:

Budget Categories	FY25 Budget	FY25 Actual Spend	Variance
Local Road Pothole	\$14,553,895	\$12,842,688	\$1,711,207
Prevention			
Local Road Operations	\$4,427,184	\$4,120,090	\$307,094
Walking and Cycling	\$212,112	\$206,930	\$5,182
Programme			
Emergency Works	\$28,907,614	\$28,907,614	See note below

Local Road Pothole Prevention – Due to the FY25 being the start of a new National Land Transport Programme (NLTP) period, the budgets were confirmed late, which led to under programming the reseal and rehabilitation programmes. The effect of this is that the total budget allocated to this budget category was underspent. The remaining \$1.7m from FY25 will be spread across FY26 and FY27 to ensure it is utilised before the end of the 24-27 NLTP period and to meet NLTP targets.

Local Road Operations - This budget was well utilised in FY25 as the majority of the underspend was against the Minor Events category, which is a fund for minor weather events that do not meet the criteria for an emergency works funding application to NZTA.

Walking and Cycling Programme – This budget was utilised for footpath repairs. As highlighted in previous reports, this reduced budget will continue to be prioritised for footpath safety issues, which means reduced footpath cleaning in the main streets of Dannevirke and Woodville.

Emergency Works - The Emergency Works Budget was fully expended to enable the clearing of the balance of Cyclone Gabrielle's Initial Response costs, which had been held in a suspense account.

As we move into FY26, it is the final year for completing the Cyclone Gabrielle recovery repairs. Although the recovery work is reducing compared to recent years, the road renewals programme has increased with close to 90km planned for reseals compared to 65km completed in FY25, and 5.5km planned for rehabilitations compared to the 2.8km of rehabilitations in FY25.

In addition to general roading maintenance, renewal and cyclone recovery programmes, the Alliance continues to plan for other transport projects including

the Lindauer Trail, Gorge Detour Routes Handback, and Targeted Funds for Resilience as detailed in this report.

4.2 Transportation Network Management Overview

Gorge detour routes hand-back

As of 1 July, the responsibility for the management and maintenance of the detour routes has returned to TDC. With traffic volumes having now decreased on these roads, we have undertaken a detailed inspection with Inspectors walking the majority of the routes updating the fault data. These updates enable us to make informed decisions around what sections of pavement need to be fully rebuilt, and what sections can be treated through lower costs interventions (i.e. surface cracking).

The Tararua Alliance design team is now reviewing the fault data to determine the repair requirements. Routine patrols have recommenced and minor maintenance is being undertaken as required.

Select repairs will be undertaken on the worst faults and to achieve operational efficiencies, we are anticipating the bulk of the work to happen after the Christmas/New Year holiday period. We plan to undertake the repairs under full road closure conditions to reduce the cost.

State-Highway 3 revocation

In July, the Tararua Alliance submitted a concept plan for improvements at the Ballance Bridge/SH3 intersection. These improvements would see the intersection upgraded to improve sight-visibility across the bridge, as well as to improve safety by narrowing the road formation leading towards Ferry Reserve. No further update has been provided by NZTA for the revocation of the Gorge itself.

Lindauer Trail enabling work

Concept designs have progressed to enable us to refine the costs of the various options available to progress cycling improvements along the entire route, or to build a Shared Path on the high-risk/high-cost sections of the road. KiwiRail is yet to respond to the request to access the rail corridor to address one of the high-risk areas of the route, the rail overbridge. If the discussion about this has not progressed by October, we will focus our attention on cycling improvements along the whole route only.

Tararua Land Stability and Roading Resilience Project

Pole planting for the Land Stability project is nearing completion for this winter, with 62 sites completed.

We have been limited to slightly fewer sites than planned due to limitations around the availability of willow poles, with these being preferred by many landowners over poplars.

The land stability planting team has also been undertaking wildling pine removal along some of our key routes and will move onto some native planting sites in the

coming weeks to provide slope stability for those areas unsuitable for larger poplar or willow poles.

The detailed scope of the Roading Resilience project is being refined, with select activities such as asphalt bunding of erosion prone downslope areas having started. This work is planned to be progressed alongside our Maintenance and Renewals programmes to achieve better cost efficiencies.

School speed zone update

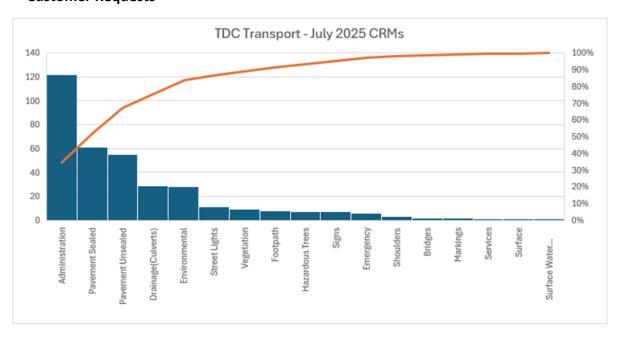
As of 7 August 2025, the six-week consultation period for two specific school speed zone changes has commenced. While the majority of variable speed zones outside schools across the district are mandated and do not require public consultation under the Land Transport Rule: Setting of Speed Limits 2024, two of the roads potentially require permanent speed zone changes therefore trigger public consultation under the new Rule.

These roads are Te Rehunga South and Makirikiri Roads in Dannevirke, which have existing 70km/hr areas that will conflict with new variable speed zone signs.

A number of options are proposed to address this issue, and public consultation will run from 7 August 2025 to 18 September 2025. An update on the outcome of the consultation will be brought to the next ICCEM meeting.

4.3 Transport Operational Delivery Management Overview

Customer Requests



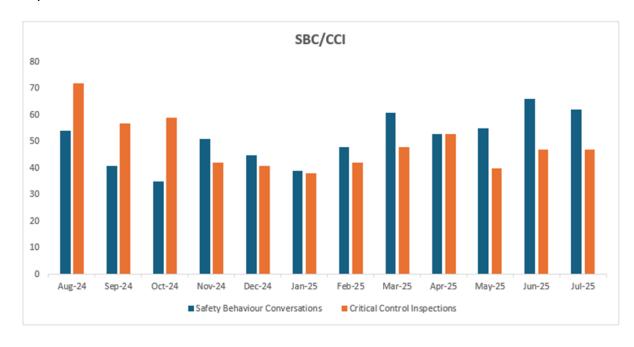
353 CRMs were received for the month of July, the reasoning behind for the large number is the required response to additional work being completed by the Alliance supporting with the maintenance of facilities, these are reported in the administration column. There are a high number of sealed and unsealed pavement CRMs which is typical for this time of the year, however we are working on

alternate strategies to combat some of these through grading, metalling, drainage improvements and cyclic patrols.

Tararua Alliance Zero Harm Performance Summary

Item	July 2025	FYTD
Total Incidents Reported	10	10
Near Misses	0	0
HiPo/Serious Harm	0	0
TRIFR	0	-
Recordable Injuries	0	0
Cardinal Rule Breaches	0	0
Incidents Involving a Critical Risk	1	1
Working Hours	12201	12201

The Alliance continues its positive trend relating to Zero Harm. All reported incidents in July are minor incidents: 7 relating to equipment/plant/property damage, 2 relating to first aid and 1 relating to a health case. Near miss reporting continues to be an area for improvement. There were no near misses reported for July.





In June, the Tararua Alliance achieved 98% of the target Safety Behaviour Conversations (SBCs) and Critical Control Inspection/Audit (CCI/CCAs). The focus of the month's inspections and audits was how well the field teams had implemented a vehicle movement plan onsite to control plant/ground staff interaction, traffic management and remote work due to the numbers of teams working in isolated areas of the network.

4.4 Maintenance Overview

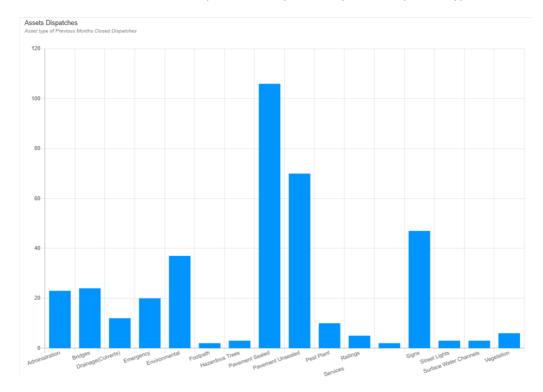
Maintenance Delivery Overview

Drainage maintenance teams are removing high road shoulders on pre-reseal sites, cleaning out surface water channels and carrying out dig-outs where pavement defects require. We are also mapping out where we can provide synergy with funding allocation to provide resilience to the network, as part of our maintenance programming.

Maintenance metaling of the unsealed network to support the grading and where required from our network inspection generally occurs more during this time of the year, due to saturated pavements. Some areas with higher traffic volumes on unsealed roads can dictate where this resource is directed.

We are proactively reviewing our grading and maintenance strategy to ensure the level of service is being met. The Northern and Southern patrol have been concentrating on making sure sealed potholes are treated in a timely manner and that the physical repairs are to a higher standard.

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



Routine Maintenance

- 390 sealed potholes
- 116km of unsealed grading (lower due to grader broken down)
- 1448 cubic meters of unsealed metaling

4.5 Renewals Overview

Reseal Delivery

The reseal programme for the 25-26 season is the largest programme the Tararua Alliance will have delivered to date, with 89.95km or 500,000m2. We have drainage teams and the stabilisation crew working ahead of the sealing team to get the sites ready. Procurement and stockpiling of chip have started, with reseals planned to begin in November in the southern part of the district, working north. We are also aiming to gain safety and productivity efficiencies by using road closures and detours to enable the reseals team to get in and out of each road quickly, to maximise productivity and minimise duration of disruption for the community. We will notify the community early about this ahead of the start of the reseals season.

Rehabilitations

2025/2026 pavement rehabilitation programme

25-26 AWPTs

Item		Length (m)	Phase
> Oringi Rd RP 2.869-3.208 35	⊕	339	Pre-Construction
> Oringi Road RP 1.867 - 2290 12	\oplus	423	Design
> Maharahara Rd RP 3.515-3.989 29	\oplus	474	Pre-Construction
> Laws Rd RP 6.399-6.757 24	\oplus	418	Design
> Top Grass Rd RP 15.785-16.183 24	\oplus	398	Design
> Top Grass Rd RP 16.419-16.993 24	⊕	574	Design
> Weber Rd RP 18.335-18.802 29	\oplus	467	Design
> Norsewood-Ormondville Rd RP 5560-5931 29	\oplus	371	Design
> Matamau Ormondville Rd RP 7.843-8.194 24	\oplus	351	Design
> Takapau Ormondville Rd RP 5.241-5.724 24	\oplus	483	Design
> Takapau Ormondville Rd RP 4.455-4.978 24	\oplus	532	Design
> Route 52-109 RP 10.570-11.275 7	\oplus	705	Design

Rehabilitation Planning

Additional rehabilitation sites have been added to the 2025/26 programme with approval from NZTA. The planned rehabilitation length is 5.53kms of sealed pavement, which has increased from the original planned 4.56kms (see sites above). The programme may change somewhat as further designs and target cost estimates are set for each site.

Rehabilitation Delivery

Enabling works has started on Oringi Road where we have been stripping the road shoulders and undertaking drainage improvements so when we return to do the pavement overlay the subgrade has dried out. Following this, we plan to continue with enabling works until mid-September where we will start on the overlay in Spring through to mid-Autumn.

4.6 Emergency Works Recovery

2025/26 FY - Emergency Works Forecast Expenditure

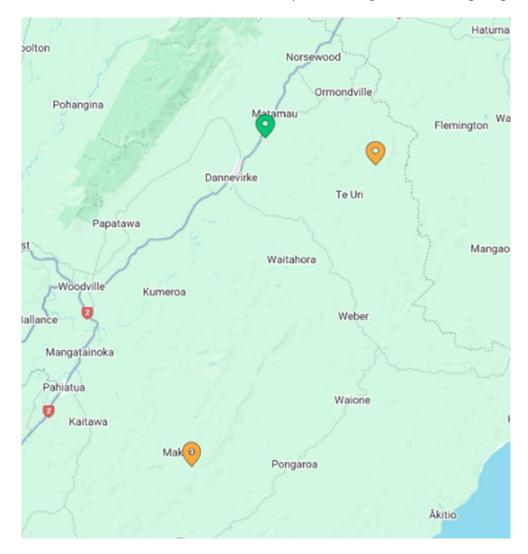
Now that we are in the final year of working through the Cyclone Gabrielle recovery work along with outstanding work from other events, below is the current approved budget for FY26 and what was spent in July.

Total Approved Emergency Works Funding (FY26)	\$8,531,213.00
(NZTA Work Category 141)	
FY26 Spend to Date (end of July 2025)	\$859,113.00

Emergency Works Delivery

High Complexity works

Below are the current active worksites depicted with green and orange tags.



Otanga Road Bridge

Construction activities at Otanga Bridge Road are progressing well, with a key focus on stabilising the eastern slope. The team is currently placing a substantial fill—estimated at over 350 cubic metres—to restore a 3-metre vertical drop caused by earlier weather-related damage. This work forms a critical part of the overall road rehabilitation effort. Following completion of the eastern fill, further earth bunding and road widening will be undertaken along the western side of the road. These measures are aimed at improving long-term road safety and resilience, particularly in response to the challenging terrain and previous damage. Regular inspections and monitoring are being carried out to ensure construction

quality and slope stability throughout the process. We are working towards opening the road to the public in late August.



Pahiatua-Pongaroa Road RP 30km

A further two drop-out sites using Eco Reef® have been awarded to a local contractor and will commence construction 11 August. Shoulder re-instatement on this narrow stretch of road is achieved with honeycomb-like Eco Reef® structures. This solution will enable minimal disruption to the carriageway and construction to be carried out in wet conditions.



Coast Road (Akitio) RP 20km

A large down slope drop out between Coast Road and Aohanga River has been repaired with a MSE wall contruction. A new larger culvert was also installed within the same site providing improved resilience in future weather events.



Current High Complexity Work Phase for 2025-2026 Programme



Phase	June Number	July Number	Change
Scope development	5	4	-1
Detailed design	8	8	0
Approval/startup	0	2	2
Construction	6	2	-4
Review	35	29	-6
Complete	44	54	
On hold	4	3	-1

5. 3-Waters

5.1 Dannevirke Impounded Supply

Monitoring

The ROV issue was identified as the sonar unit was not working as expected and had a manufacturing fault. The ROV has been tested and returned. Recently we conducted another inspection of the impound supply and need to now review and analyse the findings.

Initial investigations have found some minor movement around the depressions has occurred, however, there has been no change in terms of detectable leaks through monitoring flow from the underdrain outlets and discharge point. Further analysis and consultation to determine if further action is required e.g. whether divers need to be sent in to undertake further remedial work to stabilise the repairs.



Infiltration gallery and Alternative Water Infrastructure

A meeting is to be arranged to go over the intake gallery infrastructure and its operating history and determine historical maintenance programmes, optimum valve positions according to river flows and possible weir heights to improve performance of the current structure while further investigations continue to determine options for further development of the intake Gallery.

Submersible pumps

Effectively, we have been working to reduce the initial cost while ensuring the configuration for <6m depth of extraction is achieved. All calculations including hydraulic checks have now been conducted and confirmed. We are working to sign off the works and schedule in the delivery.

Works have been signed off to commence with the target completion date by mid-December, before the onset of summer.

Pretreatment Plant

Progress has been made with modelling the intake line to the impound, with the goal of confirming the head pressure at the top. Currently a few issues have been noted with fluctuating pressures that need to be investigated further to allow model calibration, including a series of flow 'step-tests' to confirm and site investigations to determine pipe performance characteristics. A pre-liminary draft report and recommendations has been issued and we are currently working through these.

It is in our best interest to locate the clarifier at this higher elevation to avoid the significant costs associated with pumping up hill when currently gravity fed. In terms of waste management, it has been confirmed that a lagoon-based system is preferred and would be ideally located downhill from the plant site. Geotechnical investigations have been awarded and commencing soon to confirm ground suitability for construction. We remain on track to approach the market in September with a design and build Request for Proposal (RFP). An FPO (Future Procurement Opportunity has been issued on GETS, 29 July, to give the market a pre-warning of the impending RFP that will be issued, this allows potential suppliers to prepare for the upcoming opportunity to tender interest in the project.

Generator

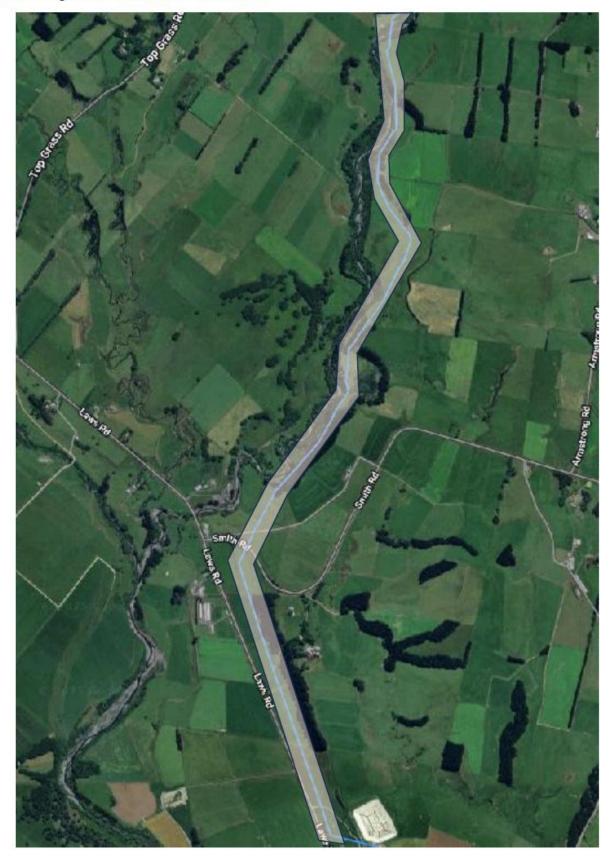
The generator was purchased for the Dannevirke Site and successfully lifted on to the prebuilt slab. Electrical tie in has been scheduled for completion by end of August 2025.

Intake line – Leak Detection

We have organised for work to begin identifying leaks along the below planned flight paths. The dates for the Drone Survey Flight have been scheduled for 4/08/2025 through 7/08/25 due to a forecasted 'cold' snap which aids identification of leaks, water temperature versus soil temperature differential and thermal imaging.

Survey and flight path shown in the images below.

Armstrong Road - Smith Road - Laws Road



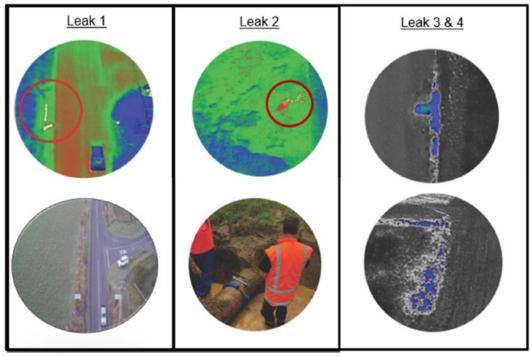
Laws Road cross-country to Cole Street



Laws Road to Taradale/Adelaide Road



Essentially, a UAV is flown along the route of the pipeline, using thermal imaging cameras onboard, it detects temperature variances, as water is generally cooler than the surrounding soil, the thermal image detects 'anomalies' or temperature differences where water maybe leaking from the pipe showing as cooler than the surrounding soil or substrate. The data is processed and analysed and where a potential 'anomaly' is found a visual search is undertaken at the location of the 'anomaly' to determine if the 'potential' leak is visible above ground e.g. it has come to the surface as a flow or the area is boggy or wet in comparison to the wider area. If a strong detection is made and not visually apparent some physical investigation may be required e.g. exploratory dig.



Leak 1 – UAV Thermal and aerial images (left)
Leak 2 – UAV Thermal image and onsite repair works (centre)
Leaks 3 & 4 - UAV thermal images (right)

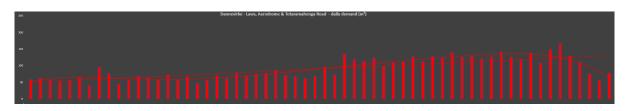
Figure 2.2: Example images and photos of previous water leaks identified by BTW using UAV Thermal survey.

Water Demand and Leak monitoring

Water use monitoring is routinely undertaken utilising strategically placed Bulk flow meters, Demand Monitoring Area (DMA), to detect unusual usage patterns or increased demand. An anomaly was noted from a bulk meter serving the Totaramahonga and Aerodrome Road catchment. It was noted this catchment was consistently double usual monitored usage, average during winter months between 45 to 70 m³/day, Demand gradually increased to >150 m³/day.

A technician was dispatched to investigate to see if there were any visible leaks or high meter readings on individual connections. The technician found an area of interest, on further investigation a leak was detected. This was subsequently repaired and water use instantly reduced to normal background levels, saving water losses equivalent to >75 m³/ day.

This method of monitoring highlights the substantial benefit of monitoring network usage patterns to determine unusual patterns, further investigation is taking place for strategic placement of DMA's to rollout to more catchments across the district to monitor Demand patterns.

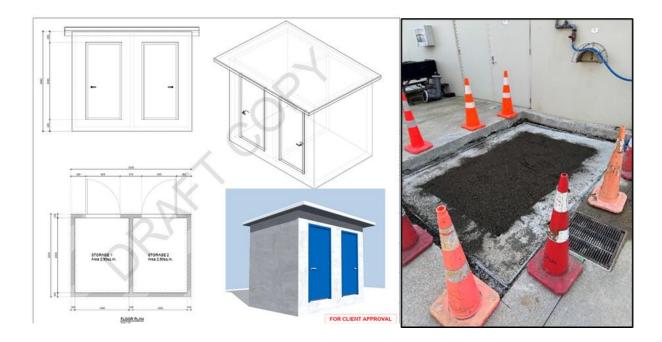


Pahiatua WTP

Chemical Relocation

Pahiatua Water Treatment Plant chemical tank relocation has made good progress, with foundations completed on 17 July, and the new concrete shed slated to arrive onsite on 8 August. Thereafter, the schedule for chemical tanks and dosing equipment to be relocated will be firmed up.

It is good news that our engaged contractors from Morris & Bailey have been tracking the delays and have made time available to get straight into the work.



Eketahuna Water Reticulation

Reticulation Leak Repairs

A leak on a Water Main on State Highway 2 had been reported week of 21 July, due to the location of the Main, a water shutdown was required to a substantial portion of the upper section of town. Potentially this would impact a number of businesses and Eketahuna School. Through careful planning a shutdown was scheduled for Saturday 26 July to minimise impact, this was successfully executed within 3 hours of the shutdown and network recharged.

After the repair it was noted another leak was present, due to water running back into the repair trench, this was traced to another leak upstream of the repair. Another shutdown was scheduled, affecting the same area of town, 30 July at 15:00, to coincide with the school day ending, minimising impact to the school. This was successfully repaired with no further incidents reported.

Eketāhuna Main Street Upgrade

Some improvements are currently under investigation on State Highway 2, Main Street, after reports of anomalies with connections to a number of Businesses and Public Toilets in the vicinity.

Investigations involve laying a new Rider main along the western side of the highway to provide separate laterals to properties and improve reliable water supply pressure and flow. The plan is to phase the work by connecting the pipe into the Bridge Street Water Main and aligning this adjacent to the highway, finally connecting to Macara Street, creating a new Ring Main, providing a more resilient service to properties.



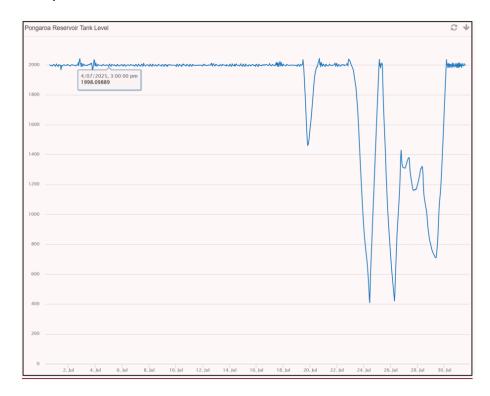
Pongaroa WTP

Water Disruptions

Between 23rd to 30th July, there had been a series of high-water consumption in the town, causing the treated water reservoirs to fall to low levels despite having the water treatment plant running continuously in the same time period. At low levels, the reticulation pumps are programmed to turn themselves off as a protection against running dry and overheating. As the reticulation is managed by the Rural Supply Community, they have assisted to check that there were no leaks or events that caused the high water consumption. The council has put up a post on Facebook 28th July to seek the public's support and cooperation in reporting

leaks and identifying any suspicious activities within the town. Water demand has since dropped off on the 29th July, and reservoir levels recovered on 30th July.

Currently the cause remains unknown, no significant leaks were found, the assumption is losses were due to un-notified or unauthorised take.



5.2 Wastewater

Eketahuna WwTP Wetland Commissioning

The wetland and new connecting pipeline were commissioned Friday 18 July with various members of the community, Tararua District Council staff and those involved in the design and build of the new wetland attending the commission event.

This acknowledges 3+ years of work from many stakeholders that has gone into the planning, design, and construction of the new wetland, along with the recently completed pumping solution and pipeline and wetland discharge structures.

Acknowledgment goes to Dave Watson and Eugene Priest for their hard work and dedication put into the successful delivery of this critical Project for Council and Community.









Inflow and Infiltration

Following the last reporting period. In order to facilitate renewal of the consent for the discharge of the Eketahuna Wastewater Treatment Plant (WWTP) by its due date of July 2028, we are developing and will implement a plan to reduce inflow and infiltration (I/I) into the wastewater reticulation from its currently high levels.

To achieve this, TDC have engaged Citycare Water (CCW) to carry out a range of flow monitoring and I/I source detection field inspection and testing activities with the view to developing an overall I/I Management Plan aimed at reducing such flows.

Taonga Water Advisory (TWA) have been engaged to provide services related to technical review, support and strategy related to this scope of work.

Manhole remedial work is being scheduled and scope review of the work required will be conducted as we develop the overall I/I management plan.

Pahiatua WwTP

A new Aerator was installed as a free loan trial from aerdisc® in December 2024.

The purpose of the trial was to determine treatment benefits that may be derived for the wastewater treatment ponds as well as power savings. At the time there were four smaller aerators situated each with 2 motors operating 24/7. The new trial aerator has a single efficient motor below that of the combined KW rating of the four aerators together. During the trail the four existing aerators were turned off.

The new aerator claim was to deliver better oxygen transfer to the pond, improving treatment benefit but also provide better mixing, reduced odour and maintenance, in addition to a 38% operating power saving.

Close monitoring of Dissolved Oxygen (DO), odour and pond mixing, along with power consumption during the 6 month trial were undertaken and benefits observed across all areas. When the trial ended it was decided the operational benefits were tangible enough to purchase the unit. The four remaining units will be utilised across other sites or for spares for existing units.

Currently under investigation is a reduced effluent discharge of ammonia from pond 3, some of this benefit is probably attributable to the new aeration unit, although other factors may also be contributing to the reduced ammonia.





5.3 Trade Waste

We are continuing to work through the review of fees and charges and are finalising the report for council with key input from our internal departments. It is intended to start hiring for a Trade waste and Backflow officer to manage and pursue these initiatives.

5.4 Sludge Management

Sludge from Woodville WTP, with the help of Enviroden, has been successfully completed, with the backwash tank now fully operational. The Woodville WTP backwash waste is discharged into a Clip tank, which facilitates solid-liquid separation of the waste from the Filters.

5.5 **Storm Water**

A number of modelling and concept designs have been conducted for the district in particular Pahiatua and Woodville areas. The proposals are being reviewed for implementation where possible and for further review to be submitted to the next 3 Waters Strategic Advisory committee.

5.6 **Reticulation Programmes**

We have established a network programme management group in order to deconflict work programmes and ensure that our asset management plans are up to date and work is prioritised accordingly. This ensures that we manage by complexity and progress the necessary designs with the correct technical input to ensure that we deliver on issues or concerns that have interdependencies across the portfolio. It is already proving useful as we are better postured to now react operationally to raised issues and create actionable plans.

Notably, some opportunities have arisen and being investigated to coordinate 3 Waters infrastructure renewals in conjunction with road rehabilitation work. This is beneficial to upgrade infrastructure in the most efficient and cost-effective way to prevent disturbing renewed roading infrastructure by reprogramming and bringing forward planned renewals, placing less critical renewals into the forward works programme.

5.7 **Consenting and Compliance**

Last month we reported on the below abatement notice, work is well underway to meet this requirement. We have previously discussed with Horizons our schedule for installation and are working through our delivery.

- 1.
- Abatement Notice 1495 to undertake flow meter verifications at the water abstractions that relate to the Pahiatua Municipal Water Treatment Plant, Eketāhuna Municipal Water Treatment Plant, and Dannevirke Municipal Water Treatment Plant.
- This Abatement notice relates to the installation and verification of flow monitors. Pahiatua flow meters were installed last reporting period.
- Eketahuna is now installed.
- Dannevirke is scheduled in this financial year. Preliminary site investigations have been completed mid July and a methodology and quote is being put together for approval by mid August.

2.

Compliance Site Inspection report from Horizons for Eketahuna WwTP

Horizon's site Inspection was carried out on the 10 June 2025 at the Eketahuna WwTP, compliance site inspection report issued 28 July 2025.

Summary and excerpts from report below.

Eketahuna Municipal Wastewater Treatment Plant (WWTP) Site Inspection Undertaken by Campbell Dodds, 10 June 2025 11:25 am

ATH-2013010987.01 – Discharge to Water ATH-2015200247.00 and ATH-2018202081.00 - Discharge to Land ATH-2013011395.01 – Discharge to Air ATH-2018202078.00, ATH-2018202079.00, and ATH-2018202080.00 - Earthworks

Performance summary - 14 conditions full compliance, 2 non-compliance (low risk)

and 2 Significant Non-Compliance 3.

During the Site Inspection it was confirmed the Surface Flow Wetland is installed however it is still not operational. In discussion with the consent holder, it is expected that discharge into the wetland will commence by the end of June 2025. The wetlands were supposed to have been operational by June 2023. Due to the wetlands not being operational within 2 years after the granting of the resource consent this has been rated as a significant non-compliance. Comment from Horizon's Senior Consents Monitoring Officer - While the report contains a Significant Non-Compliance rating for the wetland not being operational, it is great that the wetland has since been commissioned and receiving wastewater as required by the consent.

Compliance reports from Horizons for Woodville

Horizons issued the compliance report for Woodville Municipal WTP.

Summary and excerpts from report below.

ATH-2006010345 WOODVILLE MUNICIPAL WATER ABSTRACTION (MANGAPAPA STREAM) NON-COMPLIANCE (MODERATE RISK)

NO RECOMMENDED ACTIONS

Previously, no in-situ verification had occurred to meet the requirements of Regulation 7 while the previous flowmeter was in place. It is noted that on 13 June 2024, Horizons received a plan from TDC outlining two options specifying what actions would be taken to become compliant with 'The Regulations'. For both options, it was proposed that the verification would occur following the installation of a new flowmeter and that this would be completed by the week commencing 18 November 2024. The flowmeter installation occurred on 29 January 2025 and successfully passed verification on the same day.

Previously the flowmeter had calibrations undertaken, however there had been no in-situ verification completed on the flowmeter as required by Regulation 7(4). Horizons has noted that this is the first verification undertaken since the commencement of the Resource Consent. As such, this therefore is non-compliant with The Regulations.

As discussed under Condition 7, to enable a flowmeter verification to occur and ensure the accuracy of the daily abstraction records, there were modifications undertaken for the flowmeter setup. Following these changes being completed a verification of the new install was completed on 29 January 2025.

Due to the previous flowmeter's problematic installation, Horizons were unable to confirm the accuracy of the data received prior to 29 January 2025, therefore, the authenticity of the data prior to this is unknown.

During the period 26 June 2024 to 29 January 2025, two exceedances were recorded to occur on the 28 November 2024 and 9 December 2024. Due to issues regarding the accuracy of the flowmeter and daily abstraction volumes, these have been assessed as a Moderate Risk Non-Compliance. Following on from the 29 January 2025 in which the flowmeter was installed and verified, three exceedances occurred. Condition 2 has therefore been assessed as a Moderate Risk Non-Compliance.

Water Permits

Following previous report we have had no significant changes to report to the following.

The Section 92 information for the Eketahuna (expired 2019) and Pahiatua (expired 2022) water permits were submitted.

We are currently working through the final Section 92 information for Woodville (expired 2021) with WSP. When complete Woodville will be submitted.

Traverse Environmental have been contracted for the Dannevirke Water Permit renewal.

WSP have been engaged to prepare and lodge Norsewood water supply resource consent application. The Norsewood bore is used for public water supply and has not required resource consent to date due to 50m3/day being a permitted activity, TDC wishes to apply for a volume of 90m3/day.

5.8 Administration

An update on our staffing considerations as relayed at the last management update.

Hiring positions:

Water Treatment Trainee – Position has started.

- Water Treatment Operator Offer through Tararua Alliance has been accepted by the international candidate and visa applications are in progress.
- 3 Waters Field Technician (Sampler) Position has started.
- Trade waste and Backflow Officer role Identified as part of the Better Off Funding is to be advertised shortly.

As an update to our previous communication, our Water Treatment Team Leader remains on extended leave. We continue to fully support this well-earned break and have adjusted our operations accordingly.

To manage the ongoing resourcing constraints, we have prioritised our workstreams, which has meant placing some projects on temporary pauses until the necessary capacity becomes available to progress the work effectively and with the necessary technical insights and diligence. Despite these adjustments, our mitigation plan remains effective, and day-to-day operations are running smoothly.

Thanks to the continued efforts of the team and the support from across the organisation, we are in a strong position and maintaining operations. We'll continue to monitor and adapt as needed and will keep you informed of any significant changes through the Executive Leadership Team and/or ICCEM as appropriate.

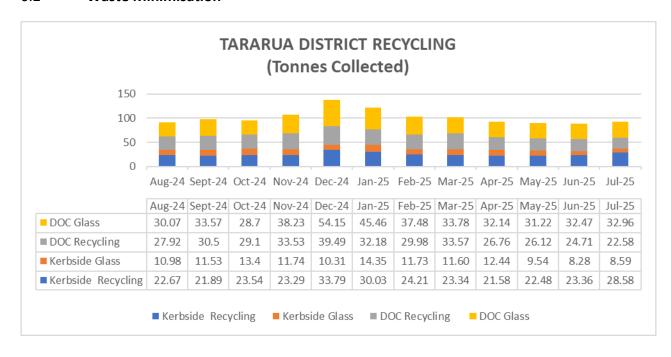
6. Solid Waste

6.1 **Operational Activities**

Budget/Activity	
Refuse Transfer Stations (RTS Sites)	All transfer stations are operating smoothly with no disruptions. The replacement of the mesh fencing is now complete for the top half of Dannevirke Transfer Station (see below pics) Site signage is still to come July 2025: Waste diverted from landfill 2.61 Tonne Contaminated recycling to Landfill 2.74 Tonne
Recycle Drop-off	We are experiencing a low amount contamination in the town drop

Budget/Activity	
Centres (DOC Sites)	off bins. We are currently investigating a possible new site for the Norsewood Town Recycle drop off, also investigating a possible site relocation of the Ormondville Town Recycle drop off.
Kerbside Recycling Services	Kerbside collections are currently going extremely well. We are in preparation for the Norsewood/Ormondville kerbside Recycle bin and glass crate rollout, prior to the current service contract ending 30 th November 2025. Kerbside Recycle bin audit data (see below)

6.2 Waste Minimisation



DANNEVIRKE TRANSFER STATION FENCING









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KERBSIDE BIN AUDIT REPORT

	JULY													
DESC	MON	TUE	WED	THUR	МС	N I	TUE	WED	THUR	MON	TUE	WED	THUR	TOTAL
DATE		1st	2nd	3rd	14	h 1	15th	16th	17th	28th	29th	30th	31st	
TRUCK COUNT		580	594	320	53	4 !	595	601	361	496	600	533	300	5514
TARGETED BINS		93	98	81	74	ļ.	85	76	85	112	89	86	91	970
RANDOM BINS		23	45	20	37	,	43	109	73	115	69	33	22	589
BNO		79	37	76	40)	48	38	55	97	74	33	54	631
PASS		29	100	11	5	,	67	122	89	119	62	69	50	773
WARNING		6	6	5	9		8	23	12	3	10	14	3	99
REJECTED		2	0	9	5		5	2	2	5	10	3	6	49
REMOVED		0	0	0	2		0	0	0	3	2	0	0	7

KEY:

Truck Count = Total bins emptied on that day.

Targeted Bins = Total bins previously identified as contaminated.

Random Bins = Total bins randomly audited on route that day.

BNO = From Targeted list Bin Not Out that day.

Pass = Bin audited & passed inspection.

Warning = Education literature provided for 2-3 items of contamination.

Rejected = Bin was rejected today as contamination exceeded warning level.

Removed = Bin has failed audit inspection on 3 occasions or more – OR Fire Risk due to Hot Ashes or Batteries located.

Attachments

Nil.



Report

Date: 8 August 2025

To : Chairperson and Committee Members

Infrastructure, Climate Change and Emergency Management Committee

From : Eugene Priest

Senior Project Manager

Subject : Portfolio Programme Project Report

Item No : **7.2**

1. Recommendation

1.1 That the report from the Senior Project Manager dated 05 August 2025 concerning the Portfolio Programme 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		Key projects have been closed out ensuring that progress is maintained in current projects through diligent management. As carry forwards have been identified it is critical that momentum is maintained, and project creep is kept to a minimum through the proven project management framework							
Schedule Green		Most schedules have been confirmed with carry forwards considered and given priority to complete to							

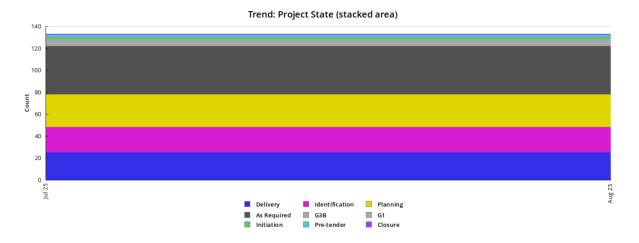
Portfolio Heal	Portfolio Health Status		General Comment
			reduce further carry overs. Resourcing for some multi- year projects has provided some challenges with some time needing to be added to allocate for these changes.
Budget	Green		All carry forwards have been reviewed and will be presented to Council for adoption. Following a year of strong delivery progress, where we successfully aligned our work within the allocated budgets our focus for the new financial year will be to ensure that committed resources have been correctly programmed for delivery, and that we are always well-positioned for Council review.
Risk	Green		Project risks to note are the ongoing concern with the Dannevirke Impounded supply, Wastewater programmes and maintaining a strong focus on complex project expenditure. All of these are being effectively mitigated utilising project specific risk registers.
Resourcing	Amber		Resourcing constraints still pose a challenge as we continue to navigate our projects alongside our operational requirements. We are still navigating some resource limitations, continuity issues, specialised skills and contractor availability. These constraints where they present a project risk will be a part of a project risk register that will show risk, ownership & mitigation.

Legend

Status							
On track against baseline plan	Green	Corrective action required	Amber	Critical state - needs urgent attention	Red		
Forecast	ı		ı	ı	ı		
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.							

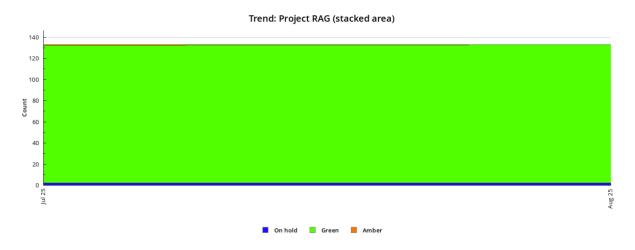
4. Capital Projects by State

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.



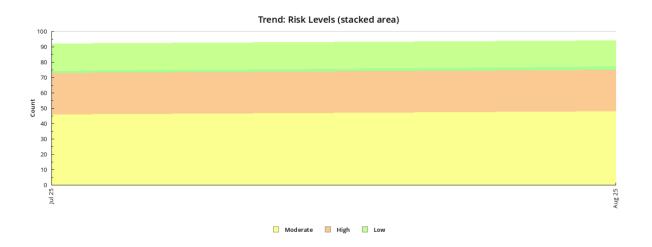
5. Capital Project by Status

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	Off Track
			track	

Infrastructure

Project	Managed by	Comments	Status
Wastewater Ponds Perimeter Safety Fencing	Dave Watson	Fencing at the Pahiatua WWTP is currently underway and meeting to discuss the next site to be done.	
Woodville Wetlands	Eugene Priest	Concept design being developed.	
Woodville Reservoir	Priscilla O'Neal- Searancke	Meeting next week for the evaluation of the EOIs. Consents in with the planning team and Regional Council.	
Plant Aerator	Vito Lim	New air disc aerator put into the ponds at Pahiatua. Option for another free trial at another location. Currently looking at possible sites for this.	
Town Signs	Andrew Desmond	Woodville and Mangatainoka still to be undertaken.	
Dannevirke Water –	Sue	Successfully lifted on to the prebuilt slab. Electrical tie	

Project	Managed by	Comments	Status
Generator	Lawrence	in has been scheduled for completion by end of August 2025.	
Pahiatua Weighbridge	Jo Neilson/PMO	Working on the business case.	
Side Loader Truck - Recycling	Jo Neilson	Truck has been purchased, and the body is currently being built.	
Upgrading Fencing at RTS Sites	Jo Neilson	Mesh fencing is currently being upgraded and installed at the Dannevirke Transfer Station.	

Facilities and Corporate

Project	Managed by	Comments	Status
Carnegie	Sue Lawrence	As the last structural assessment and costings is now 11 years old, 1Geo has been commissioned to provide an updated report that will inform the publicly notified consent process, enabling Council to understand the structural, financial, and heritage implications of strengthening, partial demolition, or full demolition. The report is due early to mid-September.	
Pahiatua Town Hall Roof	Robert Hood	Leaking skylight removed and roof fixed (builders found more water damage in ceiling & walls (including framing) than was expected), rainwater head & downpipes blockages cleared, main entrance ceiling & soffits repaired. Will paint to complete asap but operational.	
Integration of Services - Woodville	Robert Hood	Engaged architect to design. On site meeting occurring early August.	
Pahiatua Carnival Park Ablution block and accessible upgrades	Robert Hood	Work is nearly completed, just final tidy up to go.	
Cemetery Development	Robert Hood	Construction commenced & significant progress made as weather/ground conditions better than expected. New 'standard' burial berm installed along boundary of existing & major earthworks completed. Will continue to progress when ground/weather conditions allow.	
District Parks and Reserves Playground Equipment	Robert Hood	Woodville Fountaine Square - 'Matta' safety surfacing (modular tile PVC/rubber mats, up to 85% recycled material used) replaced old (non-compliant) mats around the junior climbing structure & Roktopus. Two single spring rides relocated adjacent to junior structure & spiral climbing ladder moved to opposite	

Project	Managed by	Comments	Status
		side which allowed build as one large safety surface (vs three 'stand-alone' surfaces resulting easier mowing/maintenance, better aesthetics & stopped ongoing damage to 'significant tree' roots). New two bay swing (two 'belt' & one 'Lillypad' basket type purchased by 'Positively Woodville') installed with 'Matta' safety surface. Some safety surface matting stolen from site during installation. Damaged lawns resown & will be rolled/finished when dry.	
Eketahuna Cliff Walk Track Upgrade	Fontayne Chase	Planning is to upgrade and extend the limestone track and some fencing and tree work needed as part of this upgrade. Waiting on quotes from arborist. This work does not include the track down to the swimming hole. 4.	

Attachments

- 1. Dannevirke Impound Treated Reservoir Committee Report July 2025
- 2<u>U</u>. District Water Universal Water Metering Committee Report July 2025
- 31. Dannevirke Impounded Supply Pre TReatment Committee Report July 2025
- 4<u>U</u>. Wastewater I & I Project Committee Report July 2025
- 5<u>↓</u>. SCADA and Telemetery Committee Report July 2025
- 6<u>↓</u>. Pahiatua WWTP Upgrade Committee Report July 2025
- 7. New Pahiatua Pool Committee Report July 2025

Dannevirke Impound Supply - Treated Reservoir



Report date:	Start date:	Approved end date:	Projected end date:	Status update:					
Jul-25	Jul-23	Jun-26	-		PREVIOUS STATUS				
Purpose: Project team:	Supply and install an adding Sponsor: Mike Dunn Project Manager: Priscill	tional treated water reservoir for the a O'Neale-Searancke	Dannevirke township.	Overall:	G	G	1/07/2025 to review and provide comments on the civil and structural documents. 31/07/2025 Currently evaluation of the EOI submissions is underway. The civil and structural documentation have been completed and just need to be pulled together for the RFP. TPG are working with the valuers of the land purchase and Phocus Planning continue to work through the consents required for both Dannevirke and now Woodville.		
Key stakeholders: Horizons Regional Council Tararua District Council Dannevirke Community Alliance Group				Scope:	G	G	Supply and install additional new reservoir for the Dannevirke township. 03/06/2025 Purchase cland for the purpose of building an additional reservoir to supply treated water to the Dannevirke Township. 31/07/2025 the scope of works required has been defined and proposed designs completed.		
	Contractor - TBC Consultants			Time:	G	G	The property purchase and consent process is working concurrently with the EOI/ RFP process t ensure that there are minimal delays to program.		
Project budget:				Budget:	G	G	\$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.27/03/25 Budget is still on track. 03/06/2025 Budget forecasting is still being undertaken and once we engage with contractors we will be in a better position to confirm budget and carry overs required.		
Plan			Whole of Life	Quality:	G	G			
Budget - EAC			Approved budget: \$2,500,000 Actuals: \$54,827 Estimate at completion: \$55,317	Risks:	G	G	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. 27/03/25 the communications team have provide a brief overview within the water done well communications. There are also other projects being undertaken that will require coordination to ensure that overlapping work areas are managed closely. 03/06/2025 Land purchase and consent requirements may delay the project start date. We are also looking to submit a RFI and this will take time to undertake but hope to progress quickly.		
0 30 30	8 8 8 8 8 8 8 8 8 8	\$ (000's) Baseline Actual Under budget		, 9			G	G	Plant and pipeline upgrades.03/06/2025 There are several other projects being undertake concurrent with these and there is likely to be some cross over within the project.
V W	\$ (000's)			Health & Safety:	G	G	03/06/2025 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 and construction phase.		
Plan Forecast	Baselin			Resources:	G	G	03/06/2025 Have met with the TDC planning team and received guidance on the consent requirements. Have engaged Consultant to provide earthworks documentation and will engage planner to assist with the land use consent along with either a boundary adjustment application or a designation application.		
				Comms:	G	G	Communications Team are working with the team to ensure the public are updated as work progresses.		
							n property purchase. Have applications for consents being processed, just need to wait for any s. RFP documentation package will need to be pulled together ready for the RFP to the selected		
Project timeline:			EOI Received and						
START Planning	Specialist unde Engagement Pro	Purchase / Design Purch	Property nase/ EOI to Market Evaluated Invitation to Tender. Property Purchase	ign and build der process. Prop Property Purc Purchase Finialis ontinuing	hase		and Build RFP Submissions and Evaluation Finalise contract and work on start date etc. Finalise contract Site handover Completion FINISH		

Sep-25

Oct-25

Oct-25

Nov-25

Dec-25

Jan-26

Oct-26

Apr-25

May-25

Jun-25

Aug-25

Mar-25

Dec-24

District Water Network Universal Metering



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
Jul-25	Jul-24	Jun-26	-		PREVIOUS STATUS	CURRENT STATUS	
Purpose: Project team:	water management program. Sponsor: Mike Dunn Project Manager: Priscilla O'Nea	ter metering system to provide data to as	ssist in the districts	Overall:	G	G	Mid-Central Downers still working on the pricing Schedule and have confirmed that we will start the manifold works in October. RFI submissions received and working on RFP the go out to market. Meeting has been arrange with rates, finance and legal to discuss water charging and the process we need to take. the PM has attended two community board meeting and have received some feedback. The water charging consultation out to the community has been pushed out from September to February 2026 due to the council elections and the extensive work required to ensure TDC meet the legal and financial obligations to ensure solid information is clearly
Key stakeholders:	Horizens Regional Council Tararua Community TDC Alliance			Scope:	G	G	presented. The project scope continues to be defined and planning is progress well, with more direction and development being undertaken to ensure no surprises in the implementation phase.
	Contractor - TBC Consultants			Time:	G	G	The project schedule has been further defined and adapted with in ground works looking to start in October.
Project budget:			Whole of Life Approved budget:	Budget:	Α	G	Once we have defined the scope of works etc we will be able to better project the program budget.27/03/25 Further investigation has identified a budget risk due to the scope of works required and the challenges with aging infrastructure. 08/05/2025 we are current over budget as the consultancy and investigate costs have been realised. 30/05/25 Working with finance to mitigate the budget over spend and bring year 3 budget forward. Working with the Alliance team to provide a pricing schedule that will better provide budget forecasting for the following years. 31/07/2025 the budget for 25/26 financial year has been approved and work can start as planned. Alliance team still to provide a pricing schedule to workout year 3, 4 and 5 budget.
Budget			\$630,560	Quality:	G	G	
-			Actuals: \$31,740	Risks:	А	А	The project acceleration will also affect the project budget which I am working with finance to mitigate.
EAC			Estimate at completion:	Opportunities:	G	G	This work will affect and be affected by other projects and there maybe opportunities to align work streams to create some efficiencies.
0 %	10 12 12 12 12 12 12 12 12 12 12 12 12 12	40 40 80 80 40	\$31,740	Health & Safety:	G	G	PM to ensure that the contractor work teams are adhering to all health and safety requirements. 03/06/2025 Traffic management will be managed by the Alliance team and contractor will be required to provide health and safety plans when undertaking works.
■ Base	\$ (000's) eline Actual Forecas	st to Complete	95% Under budget	Resources:	G	G	27/03/25 Currently we have sufficient resources to undertake the work required. 30/05/2025 we have engaged with the alliance team to provide resource to undertake this work. 31/07/2025 The current resource requirements are sufficient for this planning stage, The PM have also sourced input from other departments within TDC for specialist knowlegde.
				Comms:	G	G	Comms plan has been supplied to the Comms team for review. 26/03/25 The Comms team have issued an short overview of the program to the public within the water done well update. Further communications will go out as the program progresses. 03/06/2025 Once the agenda for the ICCEM meeting is released and communications team intend to go live with a web page on our Tararua district council web site, this will provide information on what is being undertaken

Project tim	line:						
STAR	Pre-planning	Elected members consultation	System, Software and Hardware Workshop	Planning	Contractor engagement	Phase one	FINISH
	May-25	lun-25	lun-25	Jul-25	Oct-25	Nov-25	

and when we expect to start garden work.

Working through the draft RFP. Confirm pricing schedule and work on the budget for year 3, 4 and 5.

Dannevirke Impound Supply - Pre-treatment



Report date:	Start date:	Approved end date	e: Projec	eted end date:	Status update:						
Jul-25	Jul-23	-	-			PREVIOUS STATUS	CURRENT STATUS				
Purpose:	Run of river treatment is required permanent pre-treatment solution reservoir. Turbidity levels of < 101 filtration process in not overloade coagulation, flocculation and clar	n is required that can trea NTU (preferably < 5NTU) n ed. Based on the jar testin	t either run-of-river, or w nust be achieved to ensur g conducted, TDC is progr	vater from the storage re that the existing direct ressing installation of	Overall:	G	G	Design and Build contrestablish the head we requirements. Following the purchas	act. To finalise our requirem have at the Water treatmen	rements for engagement with the nents we are completing he had plant in order to establish the radily progress the identification or to confirm.	draulic model to e design
Project team: Key stakeholders: Project budget:	Sponsor: Hamish Featonby Project Manager: Mike Dunn		ent option for the banne		Scope:	G	G	have at Woodville Wat lagoon-based system of aligns better with our effectively. Lagoon sys	ter Treatment plant in terms over mechanical sludge treat priorities, particularly the ne tems offer a low-cost, low-n d provides reliable performa	ed water, to avoid future situa sof sludge management. We had the toour rural setting. Seed to manage operational and naintenance solution that suits ance without the complexity or	ave opted for a This approach capital costs our long-term
Plan					Time:	G	G	will position us to begi		ent on the RFP for design and bocoming summer period, with a	
-			А	Whole of Life approved budget:	Budget:	G	G	Rough order costings h process.	nave been reviewed and will	continue to be refined throug	h the design
Budget				\$3,200,000	Quality:	G	G		ntinue to be taken and we a he developed product will m	re researching all the historic s neet our requirements	amples we can
				Actuals: \$54,714	Risks:	G	G	Two main risks involve	Land purchase timeframe a	and the Impounded supply stab	ility.
EAC			Estir	mate at completion:	Opportunities:	G	G	To include a residuals	management package of wo	ork.	
				\$54,714	Health & Safety:	G	G	No concerns			
0	\$ (000's			98%	Resources:	G	G	No concerns			
		•		Under budget	Comms:	G	G	Communications plan	to be drafted		
■ Ba	aseline Actual Fore	cast to Complete			Next steps:						
					Geotech investiga Site layout with tie Test market with E Develop performa	e-in Expression	n of Inter	est			
Project timeline:	view and investigation of		larifier requirements			B 11-1				Project closure and	
	asible options developed	Jar Testing	defined	Geotech investigations	RFP Design and	Build	Соі	ntract Finalisation	Construction Start	handover	FINISH
	Mar-25	Apr-25	Jun-25	Jul-25	Sep-25			Oct-25	Nov-25	Sep-26	

District Wastewater Infiltration and Inflow Strategy Implementation + carry forward



Report date:	Start date:	App	roved end date:	Projected end date:	Status update:			
Jul-25	Jul-24	Jun-2	6	Jun-25		PREVIOUS STATUS	CURRENT STATUS	
Purpose: Project team: Key stakeholders:	programme of investig Sponsor: Marcus Cliffo Project Manager: Eugo	ations, council and pub ord ene Priest ncil maki nui-a-Rua	cts known Inflow and Infiltration (blic consultations, and targeted re		Overall:	Α	G	Taonga Water Services has written a brief outlining the work completed, issues found and possible ways forward for TDC. Other amended reports received with additional smoke testing carried out. Tararua Alliance have carried out some CCTV work in the Bridge St catchment with results indicating poor lateral - main connections allowing Ground Water Infiltration. Vendor will supply an interim proposal with low I&I options to repair med-major manhole chambers highlighted in inspections report. It is believed that the benefits of these repairs could be reasonable in relation to overall I&I. Vendor has finished carrying out minor repairs up to the agreed amount in the Contract within the highest priority catchment as laid out in report. Communication with the Eketahuna community and their associated community groups will be paramount during both the investigation and the rehabilitation phases. NOTE: Eketahuna WwTP Upgrade will be re-scoped with specifications drafted after release of new wastewater standards, I&I project completion and known Eketahuna wetland performance results.
Project budget:				Whole of Life	Scope:	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.
-				Approved budget:	Time:	А	G	Smoke testing retest will be complete in week ending 8/8/25. All reports and related estimates have been received with consequent CCTV work being carried out where necessary.
Budget -				\$1,221,160 Actuals: \$368,877	Budget:	А	G	Works estimate for major manhole chamber repairs and replacement has been received (approx. \$100k), but TDC is asking for a low I&I option to consider possibly lowering future OPEX costs. Cost for investigation is confirmed at \$197k. Some extra services if required might need to be employed an have been outlined in the Modular Agreement with the vendor
EAC				Estimate at completion: \$368,877	Quality:	G	G	This will be covered off in procurement process and any agreements between TDC and selected vendor. Al NZ standards to be adhered to. Concerns that some aspects of the investigation have not followed best practice guidelines as laid out in WNZ I & I Controls Manual. Items to be discussed with vendor to remedy.
© √0	\$ ((000's)		70% Under budget	Risks:	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.
					Opportunities:	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.
					Health & Safety:	G	G	All TDC requirements to be adhered to by any Vendor/Contractor and their associated sub-contractors
					Resources:	G	G	Current resource requirements are low but will need to be increased in due course
					Comms:	G	G	Comms plan completed and reviewed. Comms has been pushed out to the community advising them of th upcoming and ongoing works.
					Plan & deliver cham	ber repair ormation s	works essions fo	up vendor for repair works for private connection issues.
Project timeline: START Pro	curement (RFP)	greement Negotiated 8 Signed	& Contract Delivery Starts	Flow Monitoring & Investigations	Investigation Find Released	ings		nediation Costs Received Received Remediation Supplier Implementation Complete FINISH

Telemetry and SCADA Upgrade Phase 2



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
Jul-25	Jul-24	Jun-26	Jun-26		PREVIOUS CURRENT STATUS STATUS		
Purpose:	compliance with NZ water starationalise SCADA and Telemer visibility across the entire TDC Stocktake, Framework, Architenetwork. Phase II is the implementation of the Phase I vendor.	ndards. This project will pull the differentry framework, architecture, software attreatment and network systems. Phase ecture and system implementation to ac	•	Overall:	G	G	Agreements have been negotiated and signed by all parties for the main Scada upgrade, VPN & Server Upgrade, Piping &Instrumentation Diagram (P&ID) & asset data collection (Better Off Funding), & Radio Package portions of this project. VPN/Server upgrade vendor is into delivery with equipment arriving and being built for Factory Acceptance Testing (FAT). A portion of Better Off Funding (BOF) has been allocated to this project to facilitate the necessary work in capturing Asset information, P&ID, plant functional descriptions & asset valuations.
Project team: Key stakeholders:	Sponsor: Mike Dunn Project Manager: Eugene Prie Horizons Regional Council TDC 3-Waters Team TDC IS Team Tararua Alliance	st		Scope:	G	G	Pre-determined scope to be followed in Tender process with detailed solution provided by successful respondent. IS added scope of separate servers to add cyber security resilience Remote site to be prioritised for upgrade to new SCADA for increased remote operator capability is currently Pongaroa WTP, Akitio WTP with the Pahiatua WwTP to be completed before DAF upgrade. Dannevirke will be considered in Yr 2 if budgets allow.
				Time:	G	G	Long Term Plan budget has allowed for up to 3 years to deliver this project. It has many complexities that are outlined in the Risk Register
Project budget:			Whole of Life	Budget:	Α	А	Up to \$1.2m has been allocated in the LTP years 1-3. Recommended upgrades exceed current LTP budget. Prioritisation of works will need to be carried out to ensure project stays within LTP budgets. BOF has been allocated to cover asset data collection. Yr 2 costs are currently planned for a total of \$649k.
-			Approved budget:	Quality:	G	G	To follow best practice and all NZ Standards that are applicable.
Budget -			\$831,229 Actuals: \$187,851	Risks:	А	А	Risk and prioritisation workshop has been held on 11/7 for Phase II of project Licensing costs have been confirmed and TDC are happy to proceed with project as it outlined.
EAC			Estimate at completion:	Opportunities:	G	G	Increased cyber security and redundancy due to possible physical server separation
0			\$187,851 	Health & Safety:	G	G	No health and safety items to be reported
9	χ ⁰ χ ⁰ χ ⁰ χ ⁰ \$(00	V. V. V.	77%	Resources:	G	G	Appropriate resources are available and workloads are currently sufficient.
PI:	_		Under budget	Comms:	G	G	Due to interest in project we will be doing external and internal communications.
— 10	necast to complete			Next steps: Complete Upgrade	at Duk s	orvor	
				Remote site upgra Start remote site u Pongaroa WTP upg	de works ipgrade d	hop with	vendors

Project tin	neline:											
START	Vendor Agreement	Infrastructure Upgrade RFP	Select Infrastructure Vendor	Kick-Off Meeting	VPN/Server Upgrade	Prioritised WTP Site Upgrades	Complete Infrastructure Upgrade	Pongoaro WTP Upgrade	Akitio WTP Upgrade	Pahiatua WwTP Upgrade	Dannevirke WTP/WI/Res	FINISH
	Nov-24	Nov-24	lan-25	Mar-25	lun-25	Διισ-25	Oct-25	Nov-25	Dec-25	Feh-26	Δnr-26	

Pahiatua Wastewater Treatment Plant Upgrade



Report date:	Start date:	Approved end date:	Approved end date: Projected end date:			Status update:					
Jul-25	Jul-24	Jun-26	Oct-25		PREVIOUS STATUS	CURRENT STATUS					
Purpose: Project team:	conditions and align with the concurrently with this project	design and build of the required wastev	hat will meet current and future consent water wetlands that will be constructed				Final design iterations eventuating from HAZOPS have been added with a portacom site move to be integrated. Truck turn-around to be constructed before Oct 1st to facilitate increase in heavy vehicle traffic for Wetland construction.				
Key stakeholders:	Sponsor: Mike Dunn Project Manager: Eugene Prid Horizons Regional Council Elected Members Ngāti Kahungunu & Rangitāne Rate payers/general public Landowners ELT Compliance Manager			Overall:	G	G	ESCP for wetland has DAF pad inclusion. UV consent condition variation to Horizons has been accepted and is being processed. Some design could change for delivery to VFW if a 'set-aside' variation is accepted by Horizons HAZOP workshop conducted on 7th May.				
				Scope:	G	G	A full scope for the WwTP upgrade will be available on release of the detailed design and costs				
Project budget:				Time:	G	G	It is expected to have this project completed at the end of 2026 calendar year				
Plan				Budget:	G	G	This will be confirmed on release of detail design and costs. An inform piece has been added to annual plan release.				
-			Whole of Life Approved budget:	Quality:	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				
Budget			\$4,049,380 Actuals:	Risks:	G	G	Risk & Hazops workshop to be held on receipt of design and costs Culvert is inadequate for heavy construction traffic				
EAC			\$139,771 Estimate at completion:	Opportunities:	G	G	Efficiencies in design with wetland. Collaboration with Stakeholders Culvert replacement				
			\$139,771	Health & Safety:	G	G	NZ H&S standards to be followed in all instances				
0	\$ (00 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	300 350 100 150 0's)	97%	Resources:	G	G	Resources are being utilised as expected				
Pla	_		Under budget	Comms: Next steps:	G	G	Comms plan to be reviewed				
				Sign construction of Procurement Delivery Start	supplier						

Project timel	ine:							
START	Detailed Design & Costs	Design & Costs Review	Negotiate Construction Agreement	DAF Unit Construction Start	Replace Treatment Plant Road Culvert	DAF Commissioning	DAF Handover/Project Close	FINISH
	Nov-24	Apr-25	Aug-25	Sep-25	Sep-25	Sep-26	Sep-26	

New Pahiatua Pool



FINISH

Report date:	Start date:	Approved end date:	Projected end date:	Status update:					
l-25	Jul-23	Jun-26	-		PREVIOUS STATUS				
Purpose:		ndent season. This new project will perm	has large maintenance costs, and is limited nit the community to operate for longer over	Overall:	G	G	Three lead contractors have been selected and are now working through the next stage of procurement. The Detailed Design are now progressing through resubmission of building consent. We are now tracking the start of July for the Detailed Design to be complete.		
roject team:	Sponsor: Bryan Nicholson Project Manager: Mike Dun			Scope:	G	G	Minor change accepted in the movement of the HVAC roof mounted air delivery and return to ground mounted. Minor change presented to remove the wastewater pump station which was in the original		
ley takeholders:	TDC Bush Aquatic Trust Elected Members Funders - Through B.A.T. Pahiatua Community			Time:	А	G	design - working through to better understand the implications. Based on contractor feedback and seasonal construction windows, the proposed build timefr is estimated at 8–10 months. The developed design has already been costed through previou contractor proposals and independently assessed by our Quantity Surveyor, further supportiour readiness to move into construction.		
oject budget:	Ratepayers / General Public			Budget:	А	Α	The total cost of the project was forecast, priced and modelled at the time of submission and confirmed at \$6.1 million. Since then, as we've advanced through design, procurement, and construction planning, we've continued to refine this figure. Our independent Quantity Surve has reviewed the developed designs and provided detailed estimates that confirm the project remains deliverable within the current budget.		
Plan				Quality:	G	G	No current issues with quality.		
-			Whole of Life Approved budget: \$6,101,108	Risks:	А	А	The main risk is budget and timeframes, amplified by funder requirements. Due to the uncertainty around the outcome of market engagement it is prudent that we continue the formation plan to its planned targets.		
Budget - EAC			Actuals: \$131,299 Estimate at completion:	Opportunities:	G	G	The operational model was developed as part of the original business case, which was utilise our Long-Term Plan. While the existing model remains valid, we are also taking the opportur to review and enhance it. A Section 17A review of pool operations across the district is curre underway, and this will help inform a refined and effective operational model for the new facility.		
			\$6,100,299	Health & Safety:	G	G	No issues presently.		
<i>,</i> %	\$ (0 \$ (0	00,2) 00,20 20,20 20,00 20,00 100	0%	Resources:	А	G	In our ongoing review of this project's delivery, we are taking steps to strengthen our position effective execution by aligning and optimising our resourcing.		
■ Ra	seline Actual	Forecast to Complete	Under budget	Comms:	G	G	Stakeholders and communications team are working together.		
■ bd	Seine Actual	rorecast to complete		Next steps: Contractor engage Detailed Design to Comms plan to be	be finalis	sed			

Jul-25

START

Mar-25

Apr-25

Jul-25

May-26

Sep-25

Aug-25