

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 21 May 2025** commencing at **1:00 pm**.

Bryan Nicholson Chief Executive

Agenda

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

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

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

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

4. Notification of Items Not on the Agenda

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

Minor matters not on the agenda relating to the general business of the Committee may be discussed if the Chairperson explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at that meeting, but no resolution, decision or recommendation may be made in respect of that item except to refer it to a subsequent meeting.

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

6. Confirmation of Minutes

3

Recommendation

That the minutes of the Infrastructure, Climate Change and Emergency Management Committee meeting held on 16 April 2025 (as circulated) be confirmed as a true and accurate record of the meeting.

- 7. Reports
- 7.1 Portfolio Programme Project Report

7

7.2 Infrastructure Management Report

31

- 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 16 April 2025 commencing at 2:00pm.

1. Welcome and Meeting Opening

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

In Attendance

Mr B Nicholson - Chief Executive (via Teams)

Mrs K Tani - Group Manager – Strategy and Community Wellbeing

Ms S Lowe - Group Manager - People and Capability

Mr H Featonby
 Mr D Watson
 Mr M Dunn
 Mr D Erard
 Group Manager - Infrastructure
 Manager - Special Projects
 Three Waters Manager
 Tararua Alliance Manager

Mr A Desmond - Network Manager

Mrs A Howell - External Communications and Intelligence Lead

Mr M Guile - Procurement Specialist

Ms S Fountaine - Local Recovery Community Hub Coordinator

Mr P Sinclair - Emergency Management Advisor
Mrs A Dunn - Manager - Democracy Services

2. Apologies

There were no apologies.

3. Public Forum

There were no requests for public forum.

4. Notification of Items Not on the Agenda

Nil

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 19 March 2025 (as circulated) be confirmed as a true and accurate record of the meeting.

Wallace/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 10 April 2025 that provided an update on key activities and items of interest over the period 8 March 2025 to 4 April 2025.

Councillors A K Franklin and S M Wards joined the meeting via Teams at 2:04pm.

Her Worship the Mayor joined the meeting via Teams at 2:06pm.

It was noted that an application for additional funding from NZ Transport Agency Waka Kotahi for projects to improve the roading network had been successful. It was noted that a meeting with NZ Transport Agency officials had been arranged where such matters as the revocation of part of state highway 3 (Manawatu Gorge) would be discussed.

Assurance was sought from a health and safety perspective regarding the construction of the new chemical storage area at the Pahiatua Water Treatment Plant that measures were in place to reduce risk.

With regards to the works to fix the erosion at the outfall at the Pongaroa site, that local people were informed about this.

With regard to the recent visit by the Waste Ed team, it was advised that a formal report would be provided for discussion at the next meeting of the Infrastructure, Climate Change and Emergency Management Committee.

Concern was expressed about the break ins and damage at the transfer stations,

and it was asked whether it was possible to provide information at a future stage that quantified the cost of the damage and what this added to the cost of providing the service.

It was also asked whether it was possible to provide data on the level of contamination in recycling that showed data on each town's amount of contaminated recycling.

That the report from the Group Manager - Infrastructure dated 04 April 2025 concerning the Infrastructure Management Report be received.

Peeti-Webber/Long

Carried

7.2 Review of Hawkes Bay Cyclone Gabrielle Review

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Emergency Management Advisor dated 10 April 2025 that provided key insights and learnings from the Hawkes Bay Cyclone Gabrielle Review.

It was noted that emergency management training with elected members would be planned for the future, and at that time it would be a good opportunity to review our emergency preparedness and resilience for future events again.

The lack of real time river level data was highlighted, noting that this needed to be addressed with the regional council.

In summary it was noted that there had been a number of reviews, there was a need to look at whether we are adequately resourced, have sufficient training in place, and ensuring relationships are in place. Especially with surge resourcing with our neighbouring councils.

With regard to the problem of slash causing damage to our district's bridges and roading network it was asked whether the Council would have any involvement in deciding tree planting set backs, or whether this would be decided on a national basis.

That the report from the Emergency Management Advisor dated 07 April 2025 concerning the Review of Hawkes Bay Cyclone Gabrielle Review be received.

Chase/Johns Carried

7.3 **Portfolio Programme Project Report**

The Infrastructure, Climate Change and Emergency Management Committee considered the report of the Three Waters Manager dated 11 April 2025 that provided an update on the key portfolios, programmes and project statuses.

That the report from the Three Waters Manager dated 11 April 2025 concerning

8. Items not on the Agenda
8.1 Nil

There being no further business the Chairperson thanked those present for their attendance and contributions, and declared the meeting closed at 3:16pm.

the Portfolio Programme Project Report be received.

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Chairperson



Report

Date : 16 May 2025

To : Chairperson and Committee Members

Infrastructure, Climate Change and Emergency Management Committee

From : Mike Dunn

Three Waters Manager

Subject : Portfolio Programme Project Report

Item No : **7.1**

1. Recommendation

1.1 That the report from the Three Waters Manager dated 30 April 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.

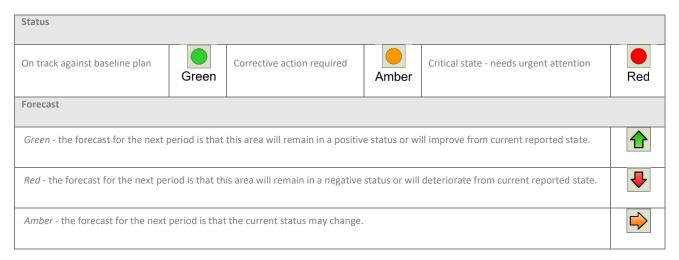
3. Capital Portfolio Report

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 Heal	th Status	Forecast	General Comment
Gr	een	1	Overall, we are closing out key projects and ensuring that our committed projects are well scheduled. Maintenance of momentum is critical and design phases are well underway across the portfolio.
Schedule	Green		The weather continues to affect project delivery timeframes. Resourcing constraints continue to affect scheduled delivery times across the portfolio.
Budget	Green		Budget risks are primarily concerning the Dannevirke Impounded Supply works, and Pahiatua Stormwater.

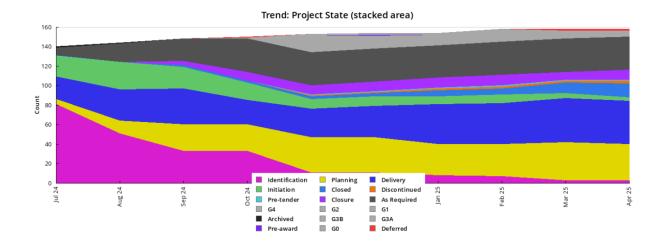
Portfolio Health Status		Forecast	General Comment				
			As we get closer to the end of the financial year submissions for carry forwards are now being received from management to better align ourselves with committed projects and year 2 projects and programmes.				
Risk	Green		Project risks to note are the ongoing concern with the Dannevirke Impounded supply, Wastewater programmes and maintain delivery on Woodville Water upgrades. All of these are currently being effectively mitigated.				
Resourcing	Amber		Resourcing constraints are still 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.				

Legend



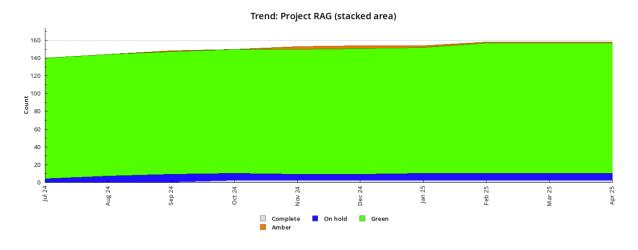
4. Capital Projects by State

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.



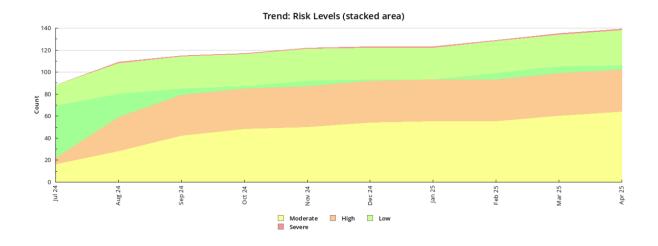
5. Capital Project by Status

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
Lindauer walkway	TBC	Design is currently on hold, and it is assessed that the work won't be started this financial year.	
Land Stabilisation Project	Mitchell Guile	Progressing well while ensuring H&S requirements are met. Physical works starting in June. Comms and photos to be sourced.	
Dannevirke DAF	Sue Lawrence	Project closure.	
Woodville Wetlands	Eugene Priest	Concept design being developed.	
Woodville Reservoir	Priscilla O'Neal- Searancke	Proceeding through technical specs. Geo-Tech and Structural reporting working through. Considerations around if we can deliver concurrently with Dannevirke Reservoir being investigated.	
Woodville Wastewater Headworks	Eugene Priest	Commissioning mid-May. Closure to occur.	
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.	

Project	Managed by	Comments	Status
		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	Monitoring Programme – Underwater drone is experiencing some technical difficulties. Is being investigated as to cause. Submersible pumps – Calculations have been finalised and are ready. Work scoping, final costing and then scheduling an installation.	
		Land purchase – Ongoing negotiations.	
Dannevirke Impound – Pretreatment Plant	Mike Dunn	Reviewing technical specification to go to market for a clarifier. One page report to be generated.	
Dannevirke alternate water source investigations	Dave Watson	As part of the overall Dannevirke Water Programme, we must investigate the current infiltration gallery and start engagement regarding our water take consent. This means that we can concurrently undertake an assessment on both the current intake and the assessed alternate area to determine feasibility of water take method and feasibility. Alternate site investigation will determine if worth progressing with bore testing and/or site establishment.	
Dannevirke Water – Generator	Sue Lawrence	Organising the order, installation and delivery	
District Town Signs	Ray Cannon	Two of the three signs in Woodville have been installed. Norsewood is next.	
Norsewood Water Treatment Plant Upgrade	Eugene Priest	Following installation of last valve and a successful flushing programme we are working through project closure and hand overs.	
Dannevirke Fluoridation	Eugene Priest	Project close out. In coordination with the Dannevirke Water Programme the turnaround area has being constructed and final claims to MoH have been submitted.	

Facilities and Corporate

Project	Managed by	Comments	Status
Carnegie	Sue Lawrence	Report finalised and to be presented to Council.	
Waihi Falls Toilet	Eugene Priest	Toilets completed.	

Project	Managed by	Comments	Status
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. New 'accessible' ablution block construction progressing as planned (framing completed).	
Dannevirke Town Hall – Canopy	Robert Hood	Canopy removal and renovation has been completed.	
Pahiatua Service Centre heating upgrade	Robert Hood	Completed. Positive feedback from public groups and staff.	
Cemeteries extensions	Robert Hood	New berms at Woodville and Mangatainoka and minor finishing still to do and new ashes berm at Mangatera. 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	After testing, review and consideration the team have decided to not proceed with the Actus app. The app has limitations that were unknown prior to implementation. Users are unable to perform all the necessary actions they would typically do in the office which was the primary objective. The app does not deliver the expected value. Another option is current being trailed and is under review.	

Attachments

- 1. 3 Waters Enhancement Project Committee Report May 2025
- 2. Dannevbirke Impounded Supply Treated Reservoir Committee Report May 2025
- 3. Eketahuna WWTP Upgrade Committee Report May 2025
- 4. District Universal Water Metering Committee Report May 2025
- 5₫. Pahiatua WWTP Upgrade Committee Report May 2025
- 6. Telemetry and SCADA Upgrade Committee Report May 2025
- 7. Wastewater I & I Committee Report May 2025
- 81. Woodville Headworks Committee Report May 2025
- 9. Land Stabilisation Committee Report May 2025
- 10₫. Digitisation and E Services Committee Report May 2025
- 11. Building Iwi Capacity Committee Report May 2025
- 12. Future Community Urban Design Committee Report May 2025
- 13<u>↓</u>. New Pahiatua Pool Committee Report May 2025

3 Waters Infrastructure Enhancement Project



Report date:	Start date:	Approved end date:	Projected end date:	Status updo	ıte:						
May-25	Jul-24	Jun-27	Jun-26			S CURREN STATUS					
Purpose:	and or structures. This will e	est in improving water infrastructure and support the establishment of new water services delivery plans structures. This will ensure the council meets its legislative responsibilities, complies with consent ions for providing safe drinking water, disposes of wastewater appropriately, and administers Trade Waste					Project Statu The Asset Inf positions are The recommo	Project Status of Deliverables/Outputs: The Asset Information Technician commenced in the role in mid-April. Three of the four planned positions are now filled. The recommendation, following testing of two pre-treatment options for the Dannevirke Impound Supply, is that coagulation, flocculation, and clarification will be the most effective method for			
Project team: Key stakeholders: Project budget:	Sponsor: Mike Dunn Project Manager: Sue Lawrence Horizons Regional Council Department of Internal Affairs Iwi Public TDC Staff Contractors Crown Infrastructure Partners			Overall:	G		improving water quality. The Universal Water Metering Implementation Plan which will outline the options for meters, data systems, water charging, and estimated programme costs will be submitted to ICCM in June. A workshop for the Backflow Prevention Strategy and Policy with elected members is scheduled for May 2025, with a draft policy to be completed by the end of the month. Consultation will be held in July and August, with the final policy ready to be approved in September 2025.			is is scheduled for ion will be held in out duplicate the progressing as and charges are landfill tonnage is rainfall and the	
- Budget -			Whole of Life Approved budget \$1,950,000 Actuals: \$174,389	: Scope:	G	G	The develodata collecte meets drinking response to a Waste Water	work includes: pment of a Water Services Delivery d • Monitoring equipment installed ng water allocation consent condition any consent breaches • Completion er Strategy • Engage additional reso and operational resilience within the	 Information verified across netrons Support consent application and implementation of a Trade Wurces to enhance water managem 	work • Ensure TDC s • Coordinate /aste strategy	
EAC		Estimate at comple \$1,948,618		on: Time:	G	G	Project end date is June 2026.				
9			, 2,0 12,022	Budget:	G	G	Forecasted a	Forecasted across the various milestones.			
n		\$ (000,2) \$ (000,2)		Quality:	G	G	Quality is to be closely monitored during the delivery of milestones by both Project Manager an Waters Manager.			et Manager and 3	
Pla For	an Erecast to Complete	Baseline Actual	Under budget	Risks:	G	G	Risks include difficulty in sourcing qualified consultants, budget constraints, hiring challenges ar insufficient capacity within the 3 Waters Team.				
				Health & Safety:	G	G	N/A				
				Resources:	G	G	Specialist cor	nsultants will be engaged to meet de	eliverables.		
				Comms:	G	G	Comms plan	is to be developed as required.			
				Next steps:	outlining	the deliv	ory of project p	lans and outputs are finalised.			
Project timeline:				The schedule	Judining	ine deliv	ery or project p	ians and outputs die illidiised.			
	BOF project funding approved	Demand Management Plan and Water Conservation Plan	Resilience and Options for S Dannevirke Impound Supply	ludge Disposal Strategy completed	Back	ckflow and Trade Waste Strategy Water Services Delivery Plan P&ID & Asset Data Captu		P&ID & Asset Data Capture	FINISH		
	Aug-24	Oct-24	May-25	Jun-25		Jul-	-25	Aug-25	Sep-25		

Dannevirke Impound Supply - Treated Reservoir



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
May-25	Jul-23	Jun-26	-		PREVIOUS STATUS	STATUS	
Project team: Sponsor: Mike Dunn Project Manager: Priscilla O'Neale-Searancke Key stakeholders: Horizons Regional Council			ect Manager: Priscilla O'Neale-Searancke				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
Tararua District Council Dannevirke Community Alliance Group Contractor - TBC Consultants		a District Council virke Community e Group ctor - TBC		Overall:	G	G	services. 26/03/25 The Specialist services have been engaged and the team will be looking to undertake a site visit early next week. Have requested the geo-tech for Dannevirke is fast tracked to allow the property purchase progress to be undertake asap. 30/04/2025 Geotech has confirmed land suitability, Have meet with The Property Group and they are going to provide a proposal to purchase the land. LDE Ltd continue to work through reports and will provide early May. Will catch up with LDE Ltd and consultants to ensure we are all on track.
Project budget:				Scope:	G	G	Supply and install additional new reservoir for the Dannevirke township.
Plan			Whole of Life	Time:	G	G	25/02/25 Meet with property own and given approval to undertake Geo-tech and structural investigation. 27/03/25 engaging the specialist services has been slow but we hope to fast track some works to run concurrently to meet timeframes.
Budget			Approved budget: \$2,500,000 Actuals:	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
			\$29,751	Quality:	G	G	
EAC SO SO SO	, 80, '00, '30, '40, '60, '80, ³ 0, ⁵ 0, ⁵ 5,	8° '80 '80 '80	Estimate at completion: \$29,751	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
V V C	\$(000;z)	ั้นั้นั้น	99%		1		are managed closely.
Plan	Baseline Complete	Actual	Under budget	Opportunities:	G	G	Plant and pipeline upgrades.
Forecast to	Complete			Health & Safety:	G	G	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.
				Resources:	G	G	25/03/25 Have engaged specialist services and am awaiting on design/ reports.
				Comms:	G	G	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.

Working with The Property	Group to purchase property	v. waiting on documentation
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Project timeline:										
START	Planning	Specialist Engagement	Testing undertaken/ Property Purchase	Property Purchase /Design and RFQ issued	Property Purchase/ EOI to Market	EOI Received and Evaluated Invitation to Tender	Invitation to Tender Evaluation/ Contract awarded	pre-start/ implementation	Project Completion	FINISH
	Dec-24	Mar-25	Apr-25	May-25	Jun-25	Aug-25	Sep-25	Oct-25	Oct-26	

Eketahuna Wastewater Treatment Plant Upgrade

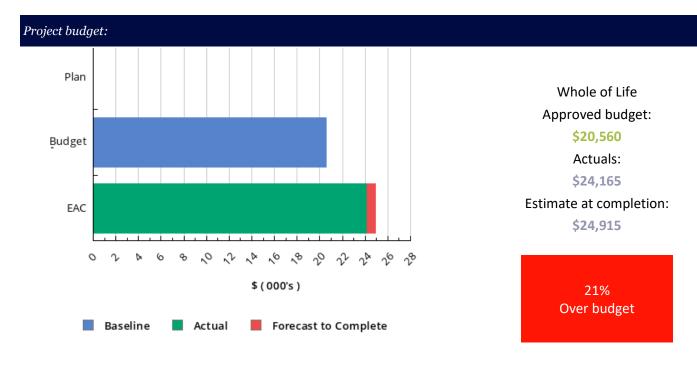


Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
May-25	Jul-24	Jun-26	Sep-27		PREVIOUS STATUS	CURRENT STATUS	
Purpose:	current and future resource 2. To reduce Eketāhuna In- prevent unconsented discl	astewater indirectly discharged from the pose consent conditions. flow & Infiltration (I & I) to allow for a fit follows. harges. approach with Iwi and Horizons to produce	or purpose WwTP to reduce cost and	Overall:	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 TE 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. The ESCP has been signed off and Pipeline construction is due for completion 14th May with pump commissioning before 30th May. Easement Survey for Right of Way, Boundary and Pipeline is being completed Pipeline to wetland. 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
Project team: Key stakeholders:	Sponsor: Mike Dunn Project Manager: Eugene Horizons Regional Council Elected Members Ngāti Kahungunu & Rangit Rate payers/general public Landowners	I cāne					is after the wetland. I & I remediation works. 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 ensurontinuity of works. Reports have been reviewed by external consultant and TDC are to meet with investigating vendor to discuss. Temporary supply to newly constructed wetland is expected to commence late May early Ju
	ELT/PMO Compliance Manager			Scope:	G	G	All scope will detailed in all separate agreements and will be workshopped to account for possible variables
roject budget:				Time:	G	А	This programme of works is intended to work towards the 2028 consenting periods and accourance for current consent conditions Construction has unfortunately extended into winter period without permit application. Horizare aware and TDC have been transparent and are working with HRC to follow all advice by the for completion in May.
Plan - Budget			Current Financial Year Approved budget: \$250,000	Budget:	G	G	Pipeline - From Wetland Budget I & I - From Infiltration Strategy & Implementation Budget Temp Pumping Solution - From Eketahuna WwTP Upgrade Budget 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
			Actuals:	Quality:	G	G	Will be outlined in any separate agreements and to be covered by any NZ Standards that app
EAC			\$171,767 Estimate at completion: \$171,767	Risks:	G	А	Risk workshops to be held to identify risks and provide mitigation. Risk workshops will support scoping documentation Construction extending into wet weather period without permit. Horizons have been notified and are assisting TDC with completion
		6 6 20 20 20 20 20 20 20		Opportunities:	G	G	By following the approach provided TDC will be able to drastically reduce the cost of the Wwingrade.
		000's)	31%	Health & Safety:	G	G	All contractors to adhere to NZ & TDC standards
Bas	eline Actual	Forecast to Complete	Under budget	Resources:	G	G	Currently all resources are available
		·		Comms:	G	G	Comms plan to be drafted
				Next steps: Pipeline Construct Temp pumping op Temp Flow to Wet	tion insta	illed	
	& I Investigation Procurement	vestigation Starts Pipeline Detailed Des Received	gn I & I Investigation Complete	igation Report Pip	peline Wo	rks Start	Pipeline Works Complete Temporary Flow to Wetland Commences Discharge Analysis Period FINISH

District Water Network Universal Metering



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



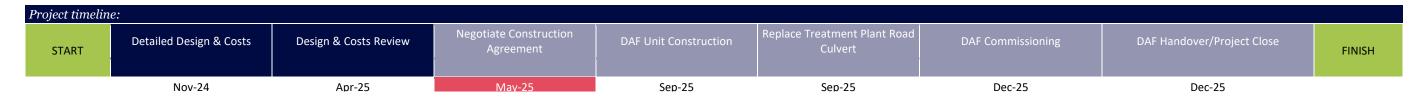
	PREVIOUS STATUS	CURRENT STATUS	
Overall:	G	G	25/9/24 Rationale have been working on this. 31/01/2025 First workshop undertaken 3/02/25 to discuss the next steps. 25/02/25 Working through business case and gathering information that will be required to support the documentation package to be submitting to the council in May. Looking to issue an RFI to suppliers to source water meters and engage specialist services to complete a water charge analysis, Data collection systems and platforms. 26/03/25 PM and Consultants still in the process of gathering data and information to be included in the document package to the elected members team. Workshop is being undertake to define the produce and system requirements this week which will feed into the RFI and further assist in budget requirements. 30/04/2025 Business Case Workshop undertaken today. Have added this business case to ELT and ICCM agenda to be present at May meetings. 06/05/2025 Business Case presented to management team. Changes have been highlighted, these changes will affect the project schedule and the Business case will need to be updated. This has resulted in a delay in submitting this document to ELT and Council in June. RFI for product and system information closes on 14th May. Will set up meeting with Alliance team to start resourcing discussions. will need to bring forward funding streams as the project timefram accelerates.
Scope:	G	G	PM and Consultant work to define scope of works and provide a document package to elected members. 27/03/25 Continuing to define the scope of work and gather information and data.
Time:	G	G	Project team are working towards providing the document package with options to the elected members in May for discussion. 27/03/25 the business case is slowly coming together and we should be able to make the end line in May.
Budget:	А	А	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 at the consultancy and investigate costs has been realised.
Risks:	А	А	Public buy in to the work being undertaken. Cost to undertake the works due to unforeseen additions to the scope due to existing infrastructure. 26/03/25 As we progress through defining the scope of work for this program we are seeing a cost projection that exceeds the current located budget. Once we have a better understanding of these cost implications a budget forecast can be better managed by staging the round out. 08/05/2025 Project staging has been accelerated; this could impact public buy in.
Opportunities:	G	G	There are opportunities to align aged infrastructure replacement as we progress through the installation phase. 27/03/25 we continue to look at possibly aligning other project works alongside this work with may help mitigate some of the project cost.
Health & Safety:	G	G	PM to ensure that the contractor work teams are adhering to all health and safety requirements
Resources:	G	G	27/03/25 Currently we have sufficient resources to undertake the work required.
Comms:	G	G	Comms plan has been supplied to the Comms team for review. 26/03/25 The Comms team have issued a short overview of the program to the public within the water done well update. Further communications will go out as the program progresses.

Project timeline:				
START	Pre-planning	Elected members consultation	Contractor engagement	FINISH
	May-25	Jun-25	Aug-25	

Pahiatua Wastewater Treatment Plant Upgrade



Report date:	Start date:	Approved end date:	Projected end date:	Status update:					
May-25	Jul-24	Jun-26	Oct-25		PREVIOUS STATUS				
Purpose: Project team:		ting Wastewater Treatment plant that vign and build of the required wastewate					Detailed design and costs have been reviewed with costs being higher than what was originally forecast. This can be attributed to Geotechnical design of Dissolved Air Flotation (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.		
Key stakeholders:	Project Manager: Eugene Priest Horizons Regional Council Elected Members Ngāti Kahungunu & Rangitāne Rate payers/general public Landowners ELT Compliance Manager			Overall:	G	G	This project has been part of the Stakeholders Working Group (SWG) and has involved meetings with two site visits involving TDC/Horizons/Iwi & Subject Matter Experts (SME) to assist in steering the project towards the best outcomes for all associated stakeholders. Also, being able to align with the current WwTP wetland design and build has created efficiencies in collaboratio and design. Geotechnical design has been received and DAF foundation slab are in design by engineers. HAZOP workshop conducted on 7th May. Concrete Slab & turnaround excavations to get underway in May		
Project budget:				Scope:	G	G	A full scope for the WwTP upgrade will be available on release of the detailed design and costs		
Plan			Nat 1 61:6	Time:	G	G	It is expected to have this project completed at the end of 2025		
- 1			Whole of Life Approved budget:	Budget:	G	G	This will be confirmed on release of detail design and costs. An inform piece has been added to annual plan release.		
Budget			\$589,000 Actuals:	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		
- EAC			\$108,323 Estimate at completion:	Risks:	G	G	Risk & Hazops workshop to be held on receipt of design and costs Culvert is inadequate for heavy construction traffic		
৹ৣ৻৻		9 ,0 ,0 ,0 ,0	\$108,323	Opportunities:	G	G	Efficiencies in design with wetland. Collaboration with Stakeholders Culvert replacement		
r	\$ (000's))	82%	Health & Safety:	G	G	NZ H&S standards to be followed in all instances		
Pla	an Baselir recast to Complete	ne 📕 Actual	Under budget	Resources:	G	G	Resources are being utilised as expected		
				Comms:	А	G	Comms plan to be reviewed		
				Next steps:					
				Confirm final designed Re-evaluate budge Negotiate constru	ets		sts		



Telemetry and SCADA Upgrade Phase 2



Report date:	Start date:	Approv	ed end date:	Projecto	ed end date:	Status upde	ıte:						
May-25	Jul-24	Jun-26		Jun-26				S CURREN STATUS					
Purpose: Project team: Key	This project has been initial compliance with NZ water rationalise SCADA and Televisibility across the entire Stocktake, Framework, Archetwork. Phase II is the implementatof the Phase I vendor. Sponsor: Mike Dunn Project Manager: Eugene Horizons Regional Council	o and onal Overall:	G	G	Agree & asse minor take p requir A port neces valuat Plants This p collab	et data collection, & F r points with the VPN, place to reduce initial rements. tion of Better Off Fun ssary work in capturin, tions. This work has st s on 31/01. project has many com- porative environment	Radio Package portions of the Viserver installation vendor Capex & Opex costs so that ding (BOF) has been allocated as Asset information, P&ID, tarted with a site visit to see plexities that will include up to achieve the best outcoreld 10th March. VPN/Server	th parties for the main Scada upgraths project. TDC are still negotiate. These negotiations on exact scout they are more in-line with TDC ted to this project to facilitate the plant functional descriptions & acceptable Water & Wastewater Treating to 4 vendors all operating in a me for TDC.	ing some ope will e asset tment				
stakeholders:	TDC 3-Waters Team TDC IS Team Tararua Alliance					Scope:	G	G	succes	ssful respondent.	e followed in Tender processervers to add cyber secur	ess with detailed solution provide rity resilience	ed by
						Time:	G	G			allowed for up to 3 years ned in the Risk Register	to deliver this project. It has man	У
Project budget:						Budget:	А	G	LTP bu	udget. Prioritisation o	•	Recommended upgrades exceed ried out to ensure project stays vollection.	
-					Whole of Life proved budget:	Quality:	G	G	To foll	llow best practice and	all NZ Standards that are	applicable.	
Budget -					\$1,131,020 Actuals: \$296,486	Risks:	A	G	Extra Licens inflate	cost for physical sepa sing costs for Microso e OPEX costs to a poir		than expected. There is potential ade is not viable. These costs hav	
EAC				Estim	ate at completion: \$296,486	Opportuni	ies: G	G	Increa	eased cyber security a	nd redundancy due to poss	sible physical server separation	
0	10 10 10	*go 'joo	,200 ,A00			Health & Safety:	G	G	No he	ealth and safety items	to be reported		
■ Pla		(000's)	Actual		74% Under budget	Resources:	G	G	Appro	opriate resources are	available and workloads ar	re currently sufficient.	
=	recast to Complete	baseline	Actual		onder budget	Comms:	G	G	Due to	o interest in project w	ve will be doing external ar	nd internal communications.	
							gotiation of a e at Dvk serve		nents wit	h vendors			
Project timeline:													
Vend START Agreem		Select Infrastructure Vendor	Kick-Off Meeting	Start Communications Infrastructure Upgrade	VPN/Server Upgrade	ntractriictiira	oritised WTP se Upgrades	Infras	te Comm tructure grade		Satellite/Telemetry Sites Upgraded	Wastewater Pumpstation/Flowmeters Upgrades	FINISH
Nov-2	24 Nov-24	Jan-25	Mar-25	May-25	May-25	Jun-25	Jun-25	Se	p-25	Jan-26	Apr-26	Jun-26	

District Wastewater Infiltration and Inflow Strategy Implementation



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
1ay-25	Jul-24	Dec-25	Jun-25		PREVIOUS STATUS	CURREN' STATUS	
Purpose: Project team: Key takeholders:		nfiltration (I & I) issues through a phased targeted remediation works.	Overall:	G	Α	Received reports have been discussed with vendor with investigation shortfalls to be looked a regarding data gaps & unexpected lack of lateral faults. Secondary smoke testing to be carried out with discounts for underperformed flow monitors. Tararua Alliance will utilise CCTV assets to Bridge St catchment to investigate infiltration contribution of <10%. This will then be programmed for repair as soon as is practicable. Vendor will supply an interim proposal to repair med-major manhole chambers fixes highligh in inspections report. It is believed that the benefits of these repairs could be reasonable in relation to overall I&I. Vendor is currently carrying out minor repairs up to the agreed amoun 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.	
roject budget:				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 m 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 5 reduction in I & I. Delivering the works programme as prioritised by TDC to best suit, or assist delivering infrastructure upgrades for growth or consenting purposes.
Plati			Current Financial Year	Time:	Α	А	Delays in receiving reports and conducting smoke testing. Smoke testing redo will add some time but will ensure confidence in vendors initial results.
Budget			Approved budget: \$592,000 Actuals:	Budget:	G	G	Waiting for chamber repair proposal so TDC can programme remediation. Cost for investigation is confirmed at \$197k. Some extra services if required might need to b employed and have been outlined in the Modular Agreement with the vendor
EAC			\$300,063 Estimate at completion: \$300,063	Quality:	Α	G	This will be covered off in procurement process and any agreements between TDC and select vendor. All NZ standards to be adhered to. Concerns that some aspects of the investigation have not followed best practice guidelines a laid out in WNZ I & I Controls Manual. Items to be discussed with vendor to remedy.
		\$ (000;2)	49% Under budget	Risks:	G	G	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.
■ Bas	eline Actual	Forecast to Complete	onder budget	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 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 advise them of the upcoming and ongoing works.
				Complete follow-u	or manho up smoke	le chamb testing	ber repair proposal

Flow Monitoring &

Investigations

START

Agreement Negotiated &

Signed

Procurement (RFP)

Contract Delivery Starts

FINISH

Selected Option to be Implemented

Remediation Options Considered

Investigation Findings

Released

Woodville Headworks Refurbishment - Carryforward



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
May-25	Jul-23	Jan-25	Dec-24		PREVIOUS STATUS		
Purpose:	Woodville township) upstream of 1. Improving the capacity of the 2. Improving the screening system 3. Installing flow metering to according to the street of	of the WWTP by; headworks to deal with higher flows em to minimise un-screened wastewa curately measure all flow entering the	ater bypasses.	Overall:	G	G	The commissioning of the upgraded Headworks system on November 21, 2024, revealed an issue with the overflow pipe connecting the wet well to the pond. High pond levels caused backflow into the wet well, disrupting proper influent pumping and preventing the completion of commissioning. A preferred solution has been priced with reviews done by TDC employees to ensure viability. See budget below for cost of solution. Civil works and ducting for solution is complete with valve actuator installed. Sensors Install & Commissioning to be carried out by 30th May.
Project team: Key stakeholders:	maintenance costs. Sponsor: Mike Dunn Project Manager: Eugene Priest TDC Staff Iwi Horizons Regional Council			Scope:	G	G	The project scope involves refurbishing the pump inlet to ensure sufficient capacity during peak wet weather and reinstating the previously redundant flow meter for consent reporting. However, upon discovering that the existing flow meter was inoperable, the decision was made to replace it with two new flow meters. Furthermore, the installation of a SCADA system was added, necessitating an upgrade to the PLC hardware as a variation to the original scope. New actuated knife gate valve with controls to level alarms for automation. Will mean 'old' screen will be available for redundancy purposes.
	Contractor staff			Time:	G	G	The project timeline will be adjusted once the solution is confirmed (allow 10-12weeks for delivery of valve parts)
Project budget:				Budget:	G	G	The original estimated completion cost for the project was \$490,571. Due to commissioning fault finding and costs to ensure screen viability it will cost an extra \$74k. A change report will be produced to indicate that this cost can be retrieved from Woodville I&I budget. Extra SCADA costs associated with this solution will come from the SCADA PII upgrade budget.
-			Whole of Life Approved budget:	Quality:	G	G	A Quality Assurance Plan is in place.
Budget			\$564,000	Risks:	G	G	The Regional Council is being kept informed throughout the process.
-			Actuals: \$452,719	Opportunities:	G	G	Redundancy of Screens in case of pump failure or large peak volume rainfall.
EAC			Estimate at completion:	Health & Safety:	G	G	A Health and Safety Plan is in place.
			\$547,224 	Resources:	G	G	The contractor will provide details on resource availability once the resolution approach is confirmed.
0 40	\$(000;2)		3%	Comms:	G	G	A Comms plan is completed.
Plan	n ■ Baselin ecast to Complete	e Actual	Under budget	Next steps: Installation comp Re-commissioning Proving period Project completion	g of the ne	w Headv	vorks

	Project tir	Project timeline:												
	START	Project Concept	Procurement process underway	PMP drafted and Request for Funding completed	Contractor Assigned	Huber Screen Ordered	Design signed off	Construction work begins on site	Huber Screen arrives	Flow meters and electrical installation	SCADA installation	Re-commissioning of new Headworks	Handover and Project Close	FINISH
'		Oct-23	Nov-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Sep-24	Nov-24	Nov-24	May-25	Jun-25	

Land Stabilisation Project



Report date:	Start date:		Approved en	d date:	Projected end	date:	Status update:			
May-25	Jul-24		-		-			PREVIOUS STATUS	CURRENT STATUS	
Purpose:	government, Iv	iatives. It identifies u	pslope and downslo	everaging funding and pe slip risks on private ing (Planting and drair	e land near the road				Tender evaluation period has closed and preferred supplier selected. Contract has been awarded. Contract negotiations in works. Project Manager with TDC H&S to discuss/approve supplier H&S documentation.	
Project team:	Sponsor: None	e								Funding confirmed for Civil Works from NZTA targeted funding application.
Key stakeholders:	RST Elected Members Cyclone Affected Farmers TDC Staff Horizons MSD TBC Tararua Alliance							G	G	Lee met with MSD to confirm process for worker selection. Draft workplan set. Next Steps: Contract signing. Contractor onboarding. MSD worker selection process in conjunction with supplier
Project budget:	MPI				Current Fin	ancial Year	Scope:	G	G	 Initial case study & future workplan 0 cost works for council and affected farms Building resilience on private land with known slips across our roading network using SLUI funding Engagement with communities regarding land stabilisation work Land specific stabilisation design Engaging partner agencies for co-funding opportunities Civil works aligned with current NZTA workstream funding Native planting in line with Horizons SLUI funding
-					Approved	_	Time:	G	G	Yr 1 program of work concludes in September 2025
Budget					\$70, Actu	ıals:	Budget:	G	G	Upto \$72,000 funding from MSD - Planting costs. Project costs for remaining years are yet to be established.
EAC					\$ Estimate at o		Quality:	G	G	Quality to be assessed by Horizons regional council as per SLUI funds guidelines.
EAC .		1 , 1 ,			\$70,	•	Risks:	G	G	Risk assessment completed.
0	10 50	30 0	50 60 10	0			Opportunities:	G	G	Through co funding can provide a 0 cost project to affected farms which builds resilience and prevents future slips
		\$(000)'s)		09 Under I		Health & Safety:	G	G	Supplier holds SiteSafe Prequal
■ P	Plan 🔳 Base	line Fore	ecast to Complete		onder .	auget –	Resources:	G	G	Collaborative workgroup between Horizons, Tararua Alliance, TDC, RST.
							Comms:	G	G	Communications Plan drafted
							Next steps:			
Project timeline:										
		Case Study evelopment	Case Study Execution	Case Study Completed	Project Plan for Programme of Work	Procurement Process Commences	Programme of Work Confirmed		ntract tiations	Year 1 Programme Year 1 Programme Year 1 Programme Year 2 Programme Work Begins Work Concludes Review Planning FINISH

Jul-25

Sep-25

Aug-24

Sep-24

Nov-24

Mar-25

Apr-24

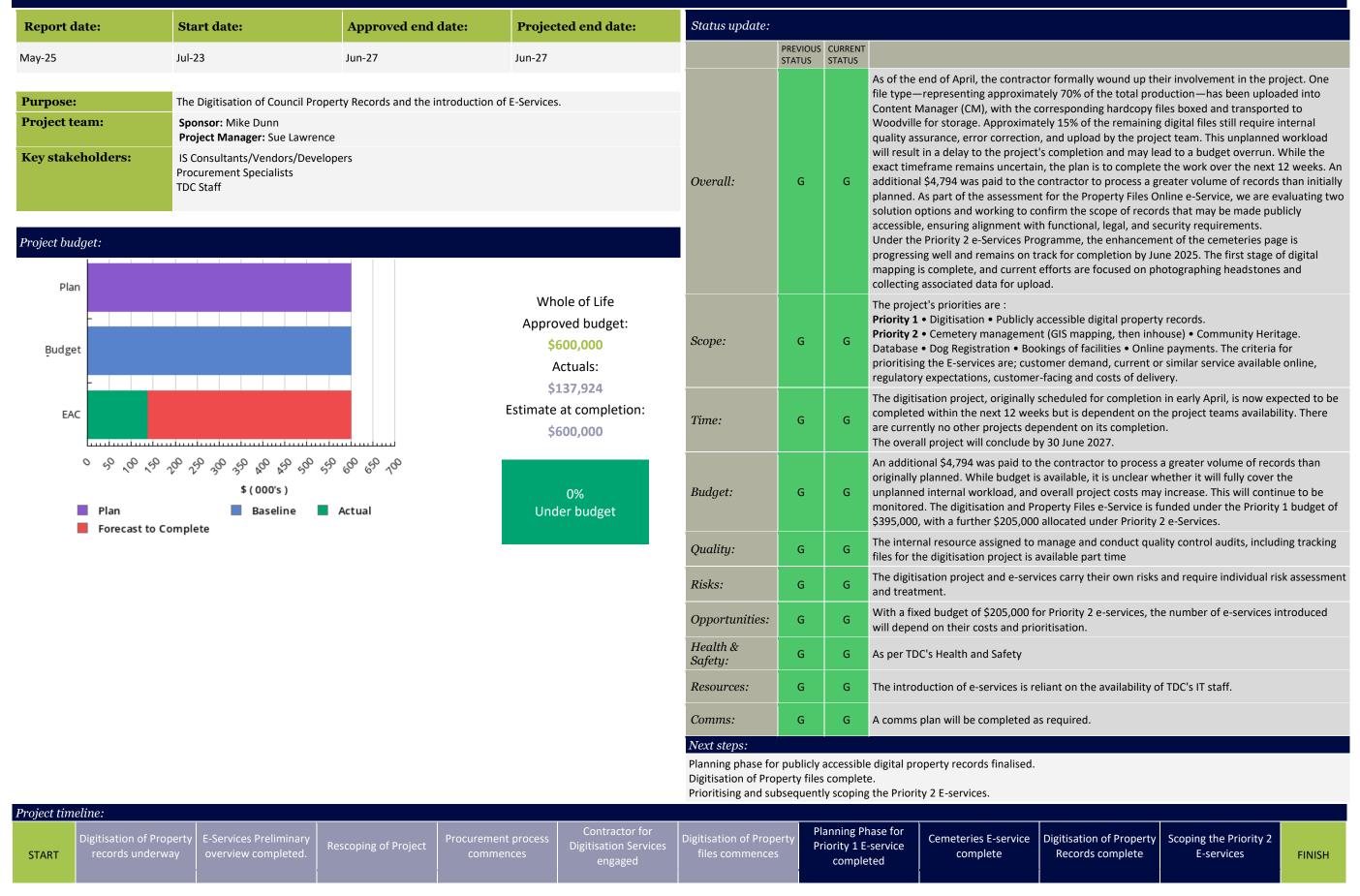
Feb-24

Nov-25

Oct-25

Digitisation of Council Records and the introduction of E-Services





Building Iwi Capacity



Report date:	Start date:	Approved end date:	Projected end date:	Status update:			
May-25	Jul-23	Sep-25	Sep-25		PREVIOUS STATUS		
Purpose:	integrated into council activities a	y to foster meaningful collaboratio nd community projects, leading to	n, ensuring that Māori perspectives are improved outcomes.	Overall:	G	G	Regular meetings and monthly reporting continue to strengthen communication and collaboration between Iwi and TDC. At this stage, there are no projects planned beyond business-as-usual (BAU) activities for the remaining five months of the contract. However, we are actively engaging with Iwi to determine if there is interest in pursuing any additional initiatives during this period.
Project team:	Sponsor: Mike Dunn Project Manager: Sue Lawrence						The following breakdown is the functions that the funding will support:
Key stakeholders: Project budget:	Ngāti Kahungunu o Tamaki-nui-ā- Rangitāne o Tamaki-nui-ā-Rua Horizons Regional Council TDC Staff	Rua		Scope:	G	G	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 lwi input
Diam				Time:	G	G	Agreements are in place and the reporting requirements outlined are being met.
Plan			Whole of Life	Budget:	G	G	The budget is fully allocated with 50% of the funding for each iwi.
Budget			Approved budget: \$500,000	Quality:	G	G	N/A
			Actuals: \$361,976	Risks:	G	G	N/A
EAC			Estimate at completion:	Opportunities:	G	G	N/A
			\$500,000	Health & Safety:	G	G	No issues.
0 ,	8 6 6 6 6 6 8 8 8	to to to to		Resources:	G	G	Both Iwi have engaged FTE as per the contract.
Pla	\$ (000's) Baseline	e Actual	0% Under budget	Comms:	G	G	To work with the Communications team as required
Fo	recast to Complete			Next steps:			
				Continue to work	together	to furthe	r strengthen Iwi capacity and collaboration.

Project timeline:	Project timeline:											
START		Agreement signed	Monthly meetings and reporting in place	Iwi capacity established to partner with council on various projects	FINISH							
		Sep-23	Sep-25	Sep-25								

Future Community Urban Design



Report date:	Start date:	Approved end date:	Projected end date:	Status update:				
May-25	Jul-23	Oct-24	Jul-25			STATUS		
Purpose: Project team: Key stakeholders:	for Managing the Built Environ Sponsor: Mike Dunn Project Manager: Sue Lawren	nmunity Urban Design project is to "C iment in Urban Areas for Future comr ce		Overall:	G	G	The Urban Design Strategy has been renamed the Urban Centres Enhancement Strategy. The strategy will now include Pahiatua and Eketāhuna, reflecting a district-wide approach. Existing information from past consultations in Pahiatua and Eketāhuna will be used to inform their inclusion in the strategy. The draft strategy is expected to be ready for feedback from Elected Members in mid-May, with plans for public consultation to be approved at the Council meeting in late May. ePlan is still on track to be available in July.	
Rey stakeholders:	Community Boards Iwi Community members Horizons Regional Council Waka Kotahi Council members			Scope:	G	G	Part A Urban Growth Strategy and the Development Policy to inform the District Plan Review are complete For Part B the deliverable is the Urban Centres Enhancement Strategy (previously referred to as the Urban Design Strategy Urban Design Strategy, Town and Village Centre Upgrade and Urban Connectivity Strategies).	
	Developers Utility Providers Kainga Ora TDC Staff			Time:	G	G	The Urban Centres Enhancement Strategy, originally planned for completion in June, has been extended by 4–5 weeks. However, this will not affect the overall project timeline, with the ePlan scheduled to be available for use in July 2025.	
	TDC Staff			Budget:	G	G	Current expenditure is \$423,271, which is 56% of the total budget of \$700,000. Incorporating information for Eketahuna and Pahiatua is an unbudgeted but will not alter the previous forecasted project spend of \$601,000, 14% under budget.	
Project budget:		_		Quality:	G	G	Deliverables and timeframes are being monitored.	
Plan			Whole of Life	Risks:	G	G	There is no change to the Risks.	
-			Approved budget:	Opportunities:	G	G	N/A	
Budget			\$700,000 Actuals:	Health & Safety:	G	G	N/A	
-			\$423,271	Resources:	G	G	Expert resources have been engaged to undertake this project.	
EAC			Estimate at completion: \$601,000	Comms:	G	G	Ongoing liaison with Comms team as required.	
Plan Forecast	\$ (000's) Baseline	14% Under budget	Urban Centres En	Next steps: Draft of Urban Centres Enhancement Strategy approved for public feedback. Urban Centres Enhancement Strategy adopted. Adopted Draft District Plan is available on Eplan				

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	May-25	Jun-25	Jul-25	

New Pahiatua Pool



Report date:	Start date:	Approved end date:	Projected end date:	Status update:	Status update:			
May-25	Jul-23	Jun-26	-		PREVIOUS STATUS			
Purpose:	to a 10-week, weather dependent the year and run swimming class	· · · · · · · · · · · · · · · · · · ·	large maintenance costs, and is limited ne community to operate for longer over	Overall:	G	G	Expressions of Interest with contractors are now being reviewed. Concurrently, the Detailed Design works continue to ensure that we can still progress a building consent in order to satisfy some of the funder's requirements. Unfortunately, we have had some design delays with our Civil elements that we are working through. We are now tracking the end of May for the Detailed Design to be complete.	
Project team: Key stakeholders:	Sponsor: Bryan Nicholson Project Manager: Mike Dunn TDC Bush Aquatic Trust			Scope:	G	G	Minor change accepted in the movement of the HVAC roof mounted air delivery and return unit to ground mounted. Minor change presented to remove the wastewater pump station which was in the original design - working through to better understand the implications.	
	Elected Members Funders - Through B.A.T. Pahiatua Community Ratepayers / General Public			Time:	А	А	Noting various funder requirements, we need to make significant progress on this to ensure funding streams remain. Some minor delays in the Design and a letter outlining procurement is being drafted for Funders.	
	Natepayers/ deficial rubile			Budget:	А	А	Financial position is deemed currently feasible. Currently working through market engagement to gain certainty.	
Project budget:				Quality:	G	G	No current issues with quality.	
Plan			Whole of Life	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 fund raising plan to its planned targets.	
-			Approved budget:	Opportunities:	G	G	No new opportunities with this project have been currently identified.	
Budget			\$6,101,108 Actuals:	Health & Safety:	G	G	No issues presently.	
-			\$63,718	Resources:	А	А	Resourcing for this project to maintain continuity is being reviewed for construction delivery.	
EAC			Estimate at completion: \$6,101,718	Comms:	G	G	To be drafted once we have a confirmed stakeholder direction following initial market engagement	
, se	\$ (000.2	36 206 226 006 240 106	0% Over budget	Next steps: Review Expression Contractor engage Comms plan to be	ement	est		

Project timeline:									
START	QS review	EOI - Market engagement	Detailed design	New building consent	Tender, Contract negotiation and finalisation	Delivery and Construction	Project closure and handover	FINISH	
	Mar-25	Apr-25	May-25	May-25	Jun-25	Jun-25	May-26		



Report

Date : 16 May 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 : **7.2**

1. Recommendation

1.1 That the report from the Group Manager - Infrastructure dated 05 May 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 12 April to 10 May 2025

3. Transport

3.1 Alliance Management Overview

We are requesting that NZTA consider a continuation of the bespoke FAR subsidy of 97.5% to fund the majority of the remaining \$12 million of Cyclone Gabrielle emergency works to be completed in 2025/26, to minimise the financial impact for ratepayers. In the meantime, planning is underway for these sites along with maintenance and renewal activities, and budgets for the coming financial year.

The entry the Alliance prepared on behalf of TDC for the Route 52 project is a finalist in the Āpōpō Asset Management Excellence Awards, in the Community category. We will hear the outcome on 15 May at the Āpōpō conference in Christchurch.

Alliance Manager Dan Erard, Network Manager Andrew Desmond and TDC Group Manager - Infrastructure, Hamish Featonby, will be visiting Roadscience in Tauranga in early May along with representatives from other roading alliances, to see what new developments are coming to market with roading technology that could add value in Tararua.

We are pleased to announce that an internal appointment has been made after advertising externally for the Asset Manager position. Karun Kalesh has been appointed and will start in the role in June.

3.2 <u>Transportation Network Management Overview</u>

George revocation and detour routes hand-back

With the Te Ahu a Turanga highway opening in June, discussions are progressing with NZTA about handing back the management of the detour routes and the taking over of the old SH3.

Subject to agreement, NZTA is proposing that TDC take over the maintenance of the detour roads from the date of opening the new highway. NZTA have indicated that they will provide the funding to Tararua Alliance to progress the necessary repairs. This allows the treatments to be determined by us and in line with future maintenance and renewals methodologies. We are currently reviewing NZTA's identified fault list and associated estimates for repairs. If agreement on scope and budget can be made, the bulk of this work will be delivered in the coming summer construction period.

The application for funding of \$290,000 through Te Ahu a Turanga: Manawatū Tararua Highway Recreational Paths Fund is still being considered. The funding would enable the first stage of a cycleway from the Woodville roundabout to the old Woodville cemetery to be constructed, as part of revocation works. We expect to have an answer on this in the near future.

SH2/SH3 intersection Woodville

Our Corridor Manager has reached out to NZTA to organise a meeting onsite to discuss the safety of the SH2/SH3 intersection in Woodville. NZTA have identified a number of safety improvements, scaling from minor intervention to large scale interventions. As with our NLTP budget, NZTA do not have approved funding, therefore any improvements in the short term are likely to be minor (i.e. line-marking only).

Motor-sport events

We have been approached by Dannevirke Car Club about holding regular events on TDC roads (three to four a year), with one proposed on Birch Road East on either the first or second weekend of July. TDC currently have a policy stating that motor-sport events must gain approval six months prior to the event to allow for planning, communications and suitable approvals to be sort. The Transport (Vehicular Traffic Road Closure) Regulations 1965 states that a Road Closure requires a minimum notification period of 42 days. Dannevirke Car Club have verbally informed us that they have met with residents adjoining the road and all are happy for the event to take place. We have requested they gain statements from the residents to formalise this. In principle, the Tararua Alliance supports this event, subject to review of the Car Club's proposal.

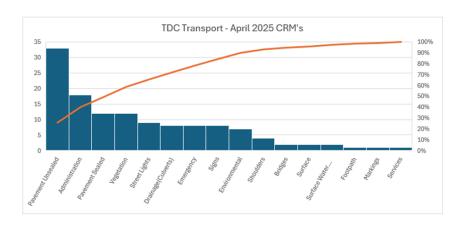
Our Corridor Manager has held an initial meeting with representatives of the Targa Rally. This year is the 30th anniversary of the event and is expected to be larger than previous. The event is scheduled to run in October 2025, subject to approval.

Pahiatua Windfarm

Alongside the Planning team, we are currently progressing the Transport Assessment for this project. With the Windfarm being progressed under the fast-track legislation we are required to expedite the process. There are two accesses proposed, one on Tararua Road, the other on Makomako Road. If the Tararua Road access eventuates, significant widening and corner easing will be required. The Makomako Road site would see widening occur in line with the District Plan requirements.

3.3 <u>Transport Operational Delivery Management Overview</u>

Customer Requests

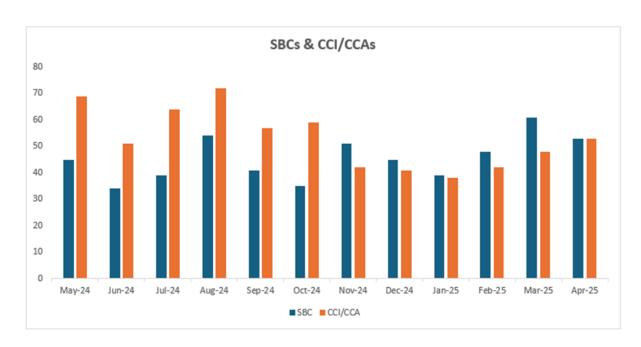


128 CRMs were received for the month of April with 35 resolved. 25 of CRMs required no action.

Tararua Alliance Zero Harm Performance Summary

Item	April 2025	FYTD
Total Incidents Reported	2	23
Near Misses	0	2
HiPo/Serious Harm	0	1
TRIFR	0	-
Recordable Injuries	0	0
Cardinal Rule Breaches	0	1
Incidents Involving a	0	19
Critical Risk	U	19
Working Hours	36481	428071

The Alliance continues it's positive trend relating to zero harm. There were two incidents reported in April which were minor plant damage. Near miss reporting is an area for improvement. Although there has been improvements in near miss reporting from January to March, there has been no near misses reported in April.





In April, the Tararua Alliance achieved 100% of the target safety behaviour conversations (SBCs) and Critical Control Inspection/Audit (CCI/CCAs). The focus of the month's inspections and audits were mobile plant movement, traffic management and ground disturbance.

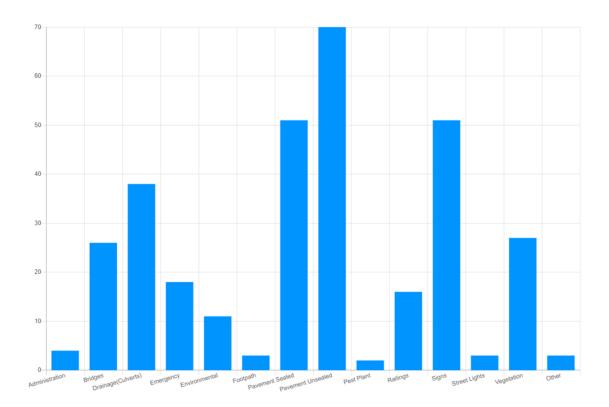
3.4 **Maintenance Overview**

Maintenance Delivery Overview

As we approach winter, we are planning on undertaking intervention works by programming culvert inlet and outlet clearing followed by jet blasting through the Southern end of route 52 from the boundary toward Pongaroa and Pa Valley through to Mangaone Valley roads. We currently have 41 identified culverts that

need attention on these roads.

We are actively managing the network where we are seeing spikes in sealed and unsealed potholes, which is common for this time of the year. There has been some recent training rolled out to try and reduce the frequency of repetitive visits to the same pothole for multiple repairs, though investing a little more to gain a better overall result and long term saving.



Routine Maintenance

- 38 Culverts cleared
- 79 potholes
- 348 cubic meters maintenance metal
- 108km of grading

3.5 **Renewals Overview**

Reseal Delivery

The 2024/25 reseal programme has now been completed with the team completing 420,000m2 (65km) of re-seals in the 24-25 Financial year.

Rehabilitations

2024/25 Programme				
Road	Start RP -End RP	Length	Phase	
Maunga Road	7439 - 7839	400m	Complete	
Aerodrome Road	361 - 1650	1289m	Sealing completed, minor work to driveway entrance and roadside furniture.	
Maharahara Road	3256 - 3657	401m	Stabilising outside the school starting mid-May followed by sealing. Then returning in the 25-26 construction season to complete the overlay portion on the western side of the bridge.	
52-0063	16333 - 17066	733m	Stabilising and sealing happened early May	
า	Total	2,823m		

Planning

We are currently ratifying next season's Rehabs. Onsite validation of historical and current faults are being assessed for severity and validation for rehabilitation and renewal. Once this is complete, the sites will be driven over with NZTA on the 20th and 21st May for inspection once approved we can start the design.

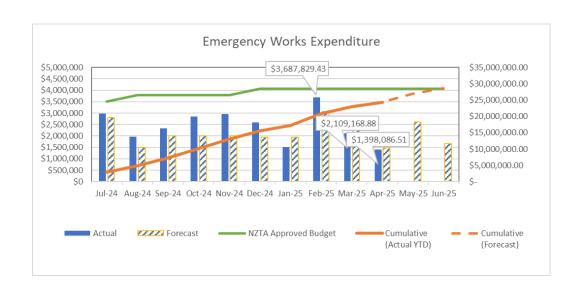
Rehabilitation Delivery

Aerodrome Road rehabilitation has now been sealed. Minor works left to complete this site such as linemarking.

The stabilisation team are working on getting the Maharahara road works outside Ruahine school completed and sealed this May. These teams are now transitioning from rehabilitation work to emergency works projects, one team is working on the Otanga road closure where we are preparing the site for a bridge. The other team is starting a mass earth structure fill and culvert replacement at the 20km on Coast Road Akitio.

3.6 **Emergency Works Recovery**

2024/25 FY - Emergency Works Forecast Expenditure



	\$28,423,502
Total Approved Emergency Works Funding (2024/25)	
(NZTA Work Category 141)	
2024/25 Spend to Date (end of April 2025)	\$24,365,708
Expenditure in April	\$1,398,086

Emergency Works Delivery

High Complexity Works



Picture: Current active worksites depicted with green and orange tags.

River Road, Akitio, RP 20km Wakawahine

Construction of the 32-metre timber tie-back retaining wall on Coast Road RP 8.5km is now 95% complete, with final touches currently underway. remaining works include pavement construction, guard rail installation, site reinstatement, and riparian planting.

The Eco Reef retaining structure has been successfully installed with zero environmental impact, thanks to stringent environmental controls, best-practice construction methods, and a favourable stretch of good weather. This project reflects a strong commitment to both infrastructure resilience and environmental stewardship.



Weber Road 16km retreat and Weber Road Extension projects

The final sealing works for the Weber Road 16km Retreat and Weber Road Extension projects were successfully completed last week. With this major milestone achieved, the focus now shifts to site close-out activities and the installation of permanent safety signage.

The road retreat, designed to circumvent multiple downslope dropouts, has significantly enhanced both the safety and resilience of the local road network. This strategic realignment ensures long-term stability and improved access for all users.



Coast Road, RP 8.5km Timber Tie back Retaining wall

Construction is currently underway on a 32-metre-long, 3-metre-high timber tie-back retaining wall on Coast Road RP 8.5km. This work is part of the recovery efforts to repair a significant downslope dropout caused by Cyclone Gabrielle.

The wall incorporates drilled and grouted tiebacks embedded eight metres into the underlying papa (mudstone) bank, ensuring a durable and resilient structure that will safeguard the road corridor into the future.

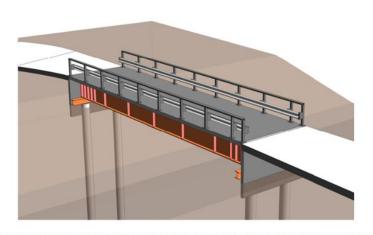
Otanga Road Bridge

Having now received the engineering review of the design for Otanga Road bridge, we have finalised the contract with Lattey Group and can progress to delivery. The bridge to be constructed is a 16m span steel girder and concrete slab bridge.

The bridge will be located upstream from the existing culvert at a location deemed more stable than that where the culvert is located. This has been determined by ground testing and visually supported through evidence of old wooden bridge pier, which is standing vertical.

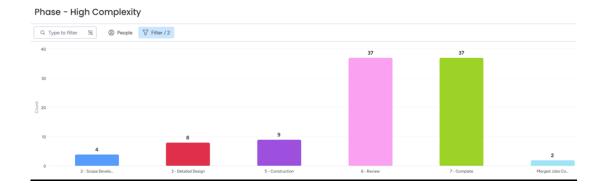
The bridge structure itself has been designed to accommodate ground movement, however we have purposely under-designed the approaches and erosion protection to enable easier maintenance given the bridge is located in a known landslide area. It is expected that on removal of the existing failed culvert, some ground movement will occur, as the culvert is acting to retain the ground around it.

We completed some enabling works in the past few weeks (site clearance and fibreoptic cable relocation), and construction is scheduled to commence before the end of May.





Current High Complexity work phase for 2024-2025 programme



Progress since March 2025 is depicted below (snapshot taken 9th May 2025). There were no jobs in approval startup during the month of April.

Phase	March number	April number	Change
Scope development	10	4	-6
Detailed design	7	8	1
Approval/startup	0	0	0
Construction	6	9	3
Review	49	37	-12
Complete	25	39	14
On hold	5	5	0

4. 3-Waters

4.1 Water Shortage Management Committee

Following the Water Shortage Management Committee meeting on the 8th May it was agreed to remove restrictions on Dannevirke, Pahiatua and Akitio.

Effectively,

- Rivers are recovering
- Demand is down from last year
- Rainfall is predicted to be normal and is tracking roughly the same as last year

This effectively drew our Water Shortage Management Committee to a close however the 3 Waters Team will still monitor weekly and should there be any concerns these will be notified.

Woodville - Boil Water Notice

The boil water notice in Woodville was issued on Tuesday 25th March and lifted on the 1st of April.

We are currently working through some final details with Taumata Arowai. However, the evolving nature of the process and shifting requirements are making it increasingly difficult to maintain momentum on key projects and are affecting our business-as-usual activities. We're keen to bring this to a resolution so we can refocus our efforts where they are most needed.

Dannevirke Impounded Supply

A report from New Plymouth Underwater detailed the repair that was conducted last month.

A minor concern for the impound persists as we continue our regular monitoring.

Flow continues to increase marginally each day @ 3.32 l/s average today (previous report 3.02 l/s), no dramatic change since the last report.

Turbidity is slightly elevated at the 2050 MH and outfall - however it is reported the water in the dam is slightly murky due to turbid water from the intake.

ROV inspection Tuesday 6th was abandoned due to software issues, another attempt will be made 12th May. This will form the final hand over of the Underwater Drone capability to our 3 Waters Assets team enabling us to conduct and coordinate all checks of our reservoirs.

Infiltration Gallery works

Infiltration gallery bank clearance scheduled. It appears the river has moved away from a section of the gallery. This will benefit from future discussion with Horizons while we investigate the works.

Submersible pumps

Calculations have been finalised and are ready. Work scoping, final costing and then scheduling an installation. Effectively, we have been working to reduce the initial cost while ensuring the configuration for <6m depth of extraction is achieved.

Truck Turn-around and fencing

As per the close out of the Fluoridation project (MoH funded), our Senior Project Manager has successfully ensured the delivery of the last scope of works i.e. truck turn-around and fencing. Photos below.





Pretreatment

The following is excerpts from Dr Jason Colton's report for the Dannevirke WTP Pretreatment.



X

Bolloc Bo

Figure 1: Tamaki River @ Water supply weir 5th March.

Figure 2: Raw water sample, prior to starting jar testing.



Figure 5: Jar test 4 after 3:30 mins (poly added at 3 mins).



Figure 6: Jar test 4 after 5 mins.



Figure 7: Jar test 4 after 8 mins.



Figure 8: Jar test 4 after 20.5 mins (2 mins of settling).

Conclusions

The turbidity levels observed in the 5th March sample are too high for sustained operation of direct membrane treatment.

It can be concluded from this jar testing that coagulation, flocculation and clarification will effectively treat the weather-based water quality events (milky flour-like appearance) to levels < 10NTU. Using higher doses of coagulant will achieve a turbidity < 5NTU.

The flocculation and clarification process can be compact in size, based on the rapid flocculation and high settling rates observed. This will reduce the required footprint and cost.

Uncertainty remains about what maximum turbidity might be reached during an event. This needs to be considered when sizing the chemical dosing equipment and the residuals management plant that are associated with the clarifier option.

There is a further unknown variable which could mitigate the turbidity peaks. This is the infiltration gallery. This is expected to reduce the river turbidity levels before they reach the plant but there is no data available to determine how effective this may be.

Recommendations

Based on the jar testing presented in this memorandum it is recommended that TDC adopt coagulation, flocculation and clarification as the pre-treatment option for the Dannevirke WTP. This should be a permanent installation that runs fulltime and has design features that minimise operator attendance.

It is recommended that a full residuals management plant, including sludge dewatering, be considered as part of the solution. This will allow supernatant recovery and recycling, providing up to 5% of abstraction volume. It will also allow for consent application and compliance.

Next Steps

Test the market through a registration of expression of interest (REOI) to see which contractors are interested in delivering a clarifier and residuals management package of work.

Develop performance-based contract specification for a competitive tender process.

Through our dedicated Dannevirke Water Program team here at TDC we are pursuing the Clarification option and are working to establish the specification to inform the market approach. There are a number of considerations that we are working through concurrently e.g. the land purchase, location, size and the

integration into the current process. We will be developing a one-page report for this project for the next ICCEM.

Pahiatua WTP

Membrane and Operations

Pahiatua WTP optimisation report had concluded regarding membrane and operations - note the recommendations for optimisation could not only save substantial OPEX costs, but also preserve the lifespan of the membranes and other plant such as UV, reduction in operator burden, and chemical usage. We need to further review the details of this report when time allows and we can include our Water Treatment Team Leader as they will not be available for a time period.

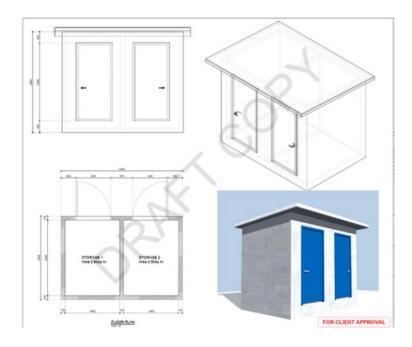
Aquamanage have concurrently been on site servicing completed last week, preliminary comments were good. The biggest leak by membrane filter header was replaced, 16 of 20 header has crack and slight leaks.

Some modules have developed cracks leading to leaks of varying levels. It is extremely rare for this failure mode to occur and these are being replaced in good faith by our supplier. Once we have received back the 'autopsy' report we will understand the cause better.



Chemical Relocation

Plans have been made to work to the installation of Chemical shed to accommodate the relocation. Unfortunately, we have some delays due to considerations around the foundation – we are now pushing for a delivery time and will update at the next ICCEM.



Norsewood network flushing

Samples being received from Norsewood show a positive outcome for the flushing program. The latest Manganese from the Norsewood zone 2/5/2025 is Compliant and noted from our Samplers that it is notably clearer.

4.2 Wastewater

Wastewater Treatment Programme Upgrades

Key upgrade projects are discussed within the project sheets.

Woodville Pond 2 Liner

We are currently drafting a business case to outline the considerations for future works, post our intervention work and investigation. Currently,

- 1. Signs of high water table in pond 2 persists
- 2. Liner around whales are stretched
- 3. Geocomposite layer contaminated

TDC received a detailed estimation of Woodville Pond 2 liner renewal. Full desludging, liner disposal including earthworks to install more groundwater drainage in the pond is estimated at \$500,000.

We are now defining the case for this work, in coordination with our future Wastewater Plant upgrades and wetland developments.

Pongaroa

Effectively, Pongaroa outfall pipe rectification and void fillings in the pond dividers are required urgently.

Below is the before:





Effectively the fix was to fill in holes in concrete between ponds (with concrete). Dig out slump, put in new discharge pipe. Back fill with rocks and build retaining wall 1200 high with railway irons and timber. This work is completed as below images:





Trade Waste

The Trade Waste Bylaw is now adopted. We are now working through the review of fees and charges and are organising a delivery approach.

As per last ICCEM, included again for awareness: We have engaged the Wastewater Specialists and have the following commentary from our preliminary reviews.

This proposed revised Trade Waste charging mechanism for TDC should be viewed as a first step. The resource consent for the Dannevirke WwTP expires in 2027. It is considered likely that, when renewed, conditions in the consent will become significantly more stringent. In particular, we expect the future consent to include conditions on ammonia and/or total nitrogen. Depending on these future conditions, a further upgrade to the Dannevirke WwTP may be required, and it may be necessary to install an activated sludge-based treatment process to meet future consent conditions. This would likely result in a further increase in operational costs. If the Dannevirke WwTP is activated sludge-based in the future, it will also be appropriate to include a \$/kg nitrogen charge in the Trade Waste charging mechanism. This would likely have further implications to the cost of treating wastewater.

Further work is being undertaken to ensure that our mechanism for charging is robust and considerate of our ongoing operations. Once we have established a proposal we will bring this back for discussion with council.

Sludge Management

We have completed the removal of sludge from our Pahiatua site. We have reinstated the land back to grass field. Better Off Funding allocation for the overall sludge project is well allocated to assist with this work.





We are coordinating the removal of sludge from Woodville WTP. The Woodville WTP backwash waste is discharged into a Clip tank, which facilitates solid-liquid separation. Due to the number of years in service, the sludge level in the tank has reached a point where it requires removal.

Because there is no easy alternative to diverting the plant backwash, and the WTP must remain online, we need to maintain the tank at its operating level and in service so that the WTP's plant backwash can continue.

We have engaged Enviroden to utilise the suction vacuum from an AOD pump, equipped with a weighted suction line, to effectively remove solids from the bottom of the tank, systematically removing the sludge.

Schedule being developed now with disposal considerations to be confirmed.

Proposed new Wastewater Standards

Proposed Wastewater Standards would affect the WwTPs in the Tararua district.

https://korero.taumataarowai.govt.nz/regulatory/wastewater-standards/

We are currently assessing the future requirements for the Norsewood, Ormondville, and Pongaroa wastewater treatment plants. TDC is required to provide Horizons Regional Council with an update outlining the proposed upgrades. As the Wastewater Specialists have already completed comprehensive reviews of our wastewater systems and have played a key role in shaping our current upgrade programme, we have now received a proposal from them that outlines the following.

Under the current "effects based" consenting under the Resource Management Act (1991), consent conditions are heavily influenced by the measured effects of each individual discharge on the environment, and the length of consents would be determined by Regional Councils, up to the maximum of 35 years. However, Taumata Awowai has published a discussion document on Proposed Wastewater Environmental Standards ("proposed standards") which, if adopted, would simplify wastewater treatment plant consenting by:

- Stipulating the required discharge quality based on the method of treated effluent discharge (to river, ocean or to land) and the degree of dilution available ("Low", "Moderate", or "High" for discharges to flowing freshwater).
- Guaranteeing a 35-year duration for resource consents relating to municipal WwTPs.

The consultation period for feedback on these proposed standards closed on 24th April 2025. The Taumata Arowai website currently indicates that the final standards will be implemented in August 2025, however, given delays in the process to date, the extensive feedback that Taumata Arowai has received on the

proposed standards, and the complexity of the issue, we consider delays to this timeframe are likely.

Treated effluent from the Pongaroa, Ormondville and Norsewood WwTPs is discharged to

freshwater, with Pongaroa discharging to the Pongaroa River, and Ormondville and Norsewood discharging to the Mangarangiora Stream. Under the proposed standards, Pongaroa, Ormondville and Norsewood would all be classified as "small wastewater treatment plants". In the proposed standards, discharges from small wastewater treatment plants would not have total nitrogen (TN) or total phosphorous (TP) limits, but discharges from larger treatment plants would. Discharges from small wastewater treatment plants would still be subject to the same cBOD5, TSS, ammonia and E. coli quality requirements as larger treatment plants.

The future level of treatment required by the Pongaroa, Ormondville and Norsewood WwTPs, and therefore the optimal upgrade option for each, will be influenced by the final details of the proposed standards.

4.3 **Consenting and Compliance**

All Water Safety Plans for our Water Supplies have been reviewed and are being finalised. We aim to have this finalised by the end of the 16th May.

We received from Horizons:

- 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. We have discussed with Horizons our schedule for installation and are working through these. Pahiatua flow meters are now installed, Eketahuna is schedules and Dannevirke is under planning.
- Infringement Notice 1234 for unauthorised abstraction of water on the 9 February 2025 Norsewood.
- We are working through a consent application to increase our consented take. Through this work, it was identified that we need to investigate the bores location and the implications it has being in such close proximity to the river.

We also received from Horizons following Site Inspection audits **Full Compliance** for **Dannevirke** and **Ormondville** Wastewater treatment plants for the Annual Compliance period 1st July 2023 to 30th June 2024.

Water Permits

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

Following conversations with our iwi partners and the 3 Waters Strategic Advisory group we have submitted with the timeframe of 10 years which is line with current expectations and with historic consent timeframes.

We are currently awaiting the final Section 92 information for Woodville (expired 2021) from WSP consultants who are finalising the flow gauge work. When complete Woodville will be submitted.

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

4.4 Administration

Working through the team requirements has been challenging and addressing team resourcing has been key to establishing and maintaining ongoing complex operations.

The results are as below:

- Water Treatment Trainee Working through candidates for the role
- Water Treatment Operator Recruitment through our Tararua Alliance is identified as our best course of action to extend our recruitment internationally as we have struggled to fill the role locally and nationally.
- 3 Waters Field Technician (Sampler) applications closed and being shortlisted.
- Information Technician Role hired through the Better Off Funding and has started with the team
- Trade waste and Backflow Officer role position description is drafted and being reviewed. Was originally identified as part of the Better Off Funding.

Unfortunately for the 3 Waters Team, our Water Treatment Team Leader will be taking some well-earned extended leave. While we fully support this much-deserved break, it does mean our already small team will be temporarily reduced to just one Water Treatment Operator for the entire district.

To ensure continuity of service and maintain our commitment to safe, compliant operations, we have developed a mitigation plan. Our Operations Manager will step to provide direct support, and we will also be drawing on the skills and experience of two members from our Wastewater Treatment team who have prior exposure to Water Treatment Plant operations.

During this period, we will need to adopt an even higher position of operational readiness to ensure we can respond effectively to any issues that arise. However, to

in

manage workload and risk appropriately, we must also make some strategic adjustments. Specifically:

- Major Water Treatment plant upgrades and project handovers will be paused or delayed, as adequate technical oversight and planning capacity will not be available.
- Non-critical tasks or activities requiring substantial input from the Team Leader will be reviewed and deferred where necessary.
- We will focus resources on maintaining core compliance and service delivery, ensuring public and environmental health are not compromised.

We appreciate your understanding and support during this time and will provide regular updates on any significant changes or developments through our Executive Leadership Team and/or ICCEM as time permits.

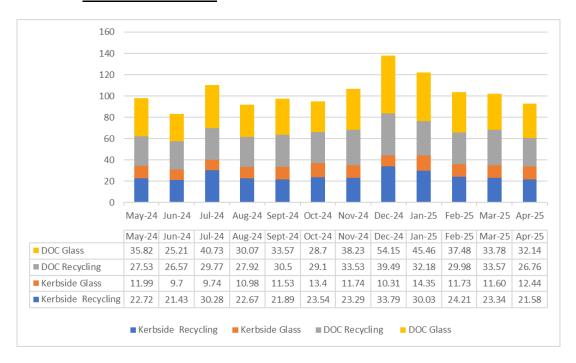
5. Solid Waste

5.1 **Operational Activities**

Budget/Activity	
Refuse Transfer Stations (RTS Sites)	Dannevirke Transfer Station continues to operate seamlessly. We recently installed two speed humps to calm incoming traffic, one located between the gate and recycle drop off bins in the corner, the other just prior to the refuse pit area, (where loader operates) on-route to the green waste drop off point. Pahiatua Transfer station had a 'hot load' come in from a Waste Management kerbside refuse collection truck, along with the fire Brigade to ensure it was fully extinguished. They determined the cause to be a battery within a bag of refuse from a local business. Waste-Ed with Kate – Please see attached report as mentioned at the March ICCEM. Our short educational videos are still to come. April 2025: Waste diverted from landfill 2.51 Tonne Contaminated recycling to Landfill 2.82 Tonne
	Contaminated recycling to Landfill 3.82 Tonne
Recycle Drop-off Centres (DOC Sites)	We have noticed a reduction in illegal dumping at the Town Drop off Bins, although contamination within these bins does continues to be an issue.

Budget/Activity	
	Norsewood Town Drop off bins were removed on 30/04/2025, due to the new owner of the Crown Hotel not wanting them to remain on his property. We are continuing to explore potential sites, but unfortunately to date we have not secured a suitable location.
Kerbside Recycling Services	Kerbside collections are going well, we are in the process of changing our bin auditing strategy, as we still have contaminated bins within the loads that we have not yet located. Norsewood/Ormondville kerbside collection – With the existing contract due to end 30 th November, we are investigating the possibility of introducing recycle bins & glass crates, aligning
	their services with our 4 main towns. Upon completion we will submit a recommendation.

5.2 **Waste Minimisation**



Attachments

1. Tararua Waste Education Impact Report April 2025

Waste Education Week Impact Report - April 2025

Waste-Ed with Kate & Tararua District Council

Waste-Ed with Kate

Kate Fenwick, Brody Gilroy & Acacia Davis-Pio kate@wastedkate.co.nz brody@wastedkate.co.nz acacia@wastedkate.co.nz



Waste Education Week - Summary

In **April 2025**, Kate Fenwick and her team from 'Waste-Ed with Kate' set out for the Tararua District Council (TDC) area to educate the general public on why and how to reduce household waste, while also taking the time to explain the Kerbside Collection system in support of the council's current system.

The TDC was successful in educating some of the public on these topics. Throughout this report, general information is outlined as well as some highlights and learnings from the work completed.

OBJECTIVES

Although there were not quantifiable targets to meet with this project, there were some objectives that the Rollout wanted to achieve, including:

Helping the general public to:

Understand the Kerbside Recycling/Crate System Encourage the reduction of waste going to landfill in the region.

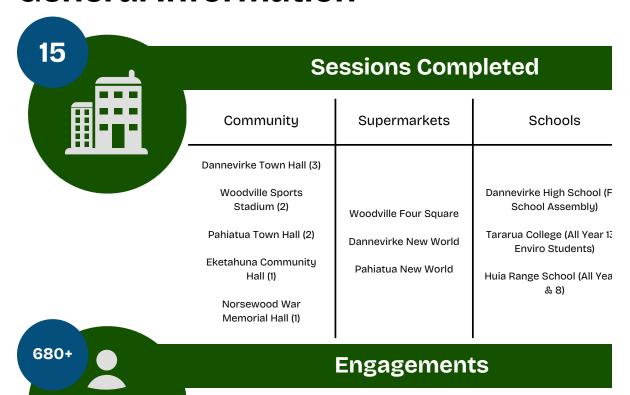
This was achieved by:

INFORMING IN PUBLIC LOCATIONS

PROVIDING FREE ACCESS TO RELEVANT INFORMATION

HAVING OPEN DISCUSSIONS

General Information



Engagements with people in the community are difficult to quantify compared to other data. What we have recorded is the approximate number of attendees across all sessions in the free and ticketed events, supermarket visits, and school

See General Findings for further information.

presentations.



Discussion

The Waste Education Week in TDC was successful in educating attendees on the correct way of using their Kerbside recycling bins and why we need to change our waste behaviours. Waste Expert, Kate Fenwick and the "Waste-Ed with Kate" team visited a total of 11 venues to run educational sessions for the public. With over 680+ people having attended one of these sessions, the rollout has been successful in reaching a diverse group within the community.

It was important to provide opportunities for members of the public to ask questions, voice concerns, and engage in open discussions about how the system would work in their households.

Demographics reached were majority:





Highlights from the Week

- Community Engagement on the Rise: Positive feedback from locals who did attend the sessions.
- **Social Media Momentum:** We were able to use some down time to get some important content filmed for future knowledge sharing.
- Internal Council Wins: The Mayor attended Our Dannevirke session and encouraged all community board members to come along and learn to further understand the recycling process and waste minimisation.
- Reaching Diverse Groups: This week, we connected with a wider range of community members, including school students—helping plant the seed of waste awareness early.

Learnings

Attendance & Engagement Insights

Offering events for free doesn't necessarily guarantee attendance. In fact, we've found that even low-cost ticketing has been only moderately successful in encouraging people to register or show up. This suggests that cost alone isn't the primary driver—value and relevance matter more.

Targeted Outreach Opportunities

To boost attendance and engagement, we recommend targeting specific community groups who are likely to benefit from and appreciate Waste-Ed workshops. Suggested groups include:

- Local Community Groups
- · Grey Power Dannevirke
- Tararua REAP
- RSA branches

Suggestions for Future Workshops

- Introduce modest pricing: Consider charging a still a small fee but slightly more than \$5—e.g. \$10 per ticket, with optional \$40 resource packs. A small investment often leads to a higher commitment, increasing the likelihood that registrants will actually attend.
- Focus on universally relevant topics: Kick off with the Food Waste Workshop.
 Since food is a universal need, this topic appeals to all demographics. Food waste is often a powerful entry point for people beginning their waste minimisation journey.
- Incentive-based engagement: Consider developing a system where ratepayers who have had their bins confiscated can earn them back by completing the Waste-Ed Online Course. This encourages positive behavioural change while promoting educational resources.



Dannevirke High School - Kids volunteering for a Great Waste Race Activity.



EVENT FEEDBACK

Session Numbers

Waste-Ed educated in the following venues in the Tararua Region:

- Dannevirke Town Hall (2)
- Woodville Sports Stadium (2)
- Pahiatua Town Hall (2)
- Eketahuna Community Hall (1)
- Norsewood War Memorial Hall (1)

Overall Attendees

58

Tickets Sold

42

- 34 Dannevirke
 - 3 Woodville
 - 5 Pahiatua

Surveys Returned

37

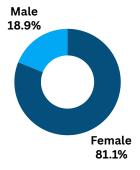
Demographics

<u>Age</u>

Of those who filled out the feedback form, majority fall into the age group of **50-60 years old**.

Gender Identity

Majority of attendees also identify as Female, **81.1%**



Feedback

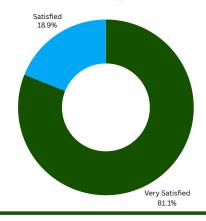


Felt empowered and invigorated again to pick up my journey and carry on now.



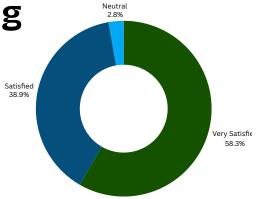
Attendee Rating of Workshop

The workshop was well received, with **81.1%** of survey responders being Very Satisfied with the overall presentation.



Incentive Pack Rating

58.3% of survey responders were Very Satisfied with the incentive packs they received.



One thing you will change?

When survey respondents were asked "Choose an action that you're going to commit to after attending", the **top 3**answers were:

Recycle Better, 62.2%

Avoid Single-use products, 40.5%

Reusable Coffee Cup, 35.1%

Information Relevance

When survey respondents were asked "What was the most relevant information you?", the **top 3 answers were:**

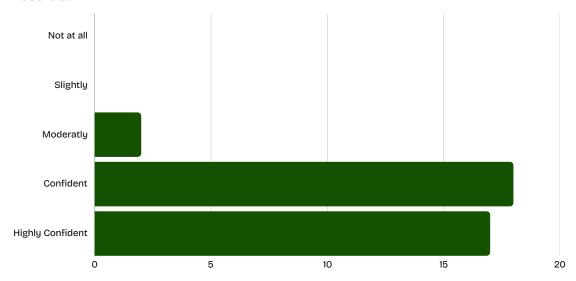
Landfill Facts, 72.9%

Recycling, 64.9%

Biodegradable/Compostable, 35.1%

Waste Minimisation Confidence

When attendees were asked "On a scale of 1 to 5, how confident are you about minimising your waste after attending this workshop?" the following results were recorded:



Of the **37** attendees who completed the feedback form, **45.9%** expressed that they highly confident in their ability to minimise waste following the workshop. This figure is significant as it indicates that the course was encouraging for participants.

Feedback



Awesome - Great presentation. Useful information. Very inspiring.





Thank you for the talk and love your no b*****t taking attitude.





Waste-Ed is the answer. More of this kind of education. Schools are part of the solution too, kids will improve the waste debate.



SCHOOL FEEDBACK

Session Numbers

Waste-Ed educated in following three schools throughout the Tararua Region:

- Dannevirke High School
- Tararua College
- Huia Range School

520

Students Educated

From Year 7 to 13 (11-18 years old)

18

Teachers/Staff Educated

14 from Dannevirke High, 2 from ararua College & 2 Huia Range School

7

Teacher Surveys Returned

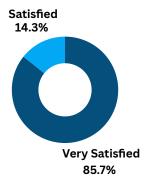
6 from Dannevirke High & 1 from Tararua College

Results

All schools were sent a feedback form to provide us with feedback on what they had learnt during the session and the results are as follows:

Presentation Satisfaction

The presentation was well received, with 81.1% of survey responders being Very Satisfied with the overall presentation.



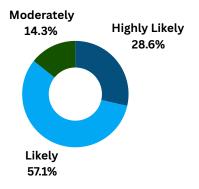
<u>Information Relevance</u>

Of the 7 staff responses, **100%** said that the information provided was very relevant to their students.



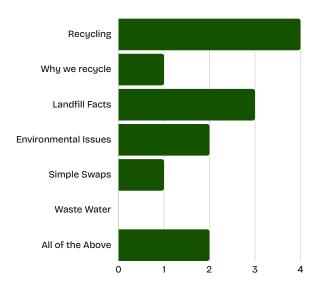
Knowledge Sharing

All staff were asked, "How likely do you think the students will be to take information home to their whānau?", the results were as follows:



<u>Takeaway Messages</u>

All staff were asked, "What information did you find was the most relevant?", and the results were as follows:



Teacher Comments

"It was awesome! Perhaps finishing with another student activity could lift the presentation to new heights (what you can flush maybe):)."



"Thank you for your time and expertise. Our students and staff all learnt something from the presentation."



"Thank you once again for the fantastic workshop yesterday—it was a real privilege to have you in our school. The students thoroughly enjoyed the session, and it sparked some great discussions. Blake was excited to get the straw. I've completed the survey this morning.

I'm particularly interested in having similar workshops in the future, especially the one Acacia mentioned around female hygiene and safety. I believe it would be incredibly valuable for both our female students."



THE WEEK IN PHOTOS

















Conclusion

Tararua District Council and Waste-Ed with Kate's Waste Education Week brought significant benefits to the community and provided some valuable insights into recycling in the region. Each session played an important role in educating the public not only on the kerbside system but also on practical ways to minimise waste.

The sessions successfully engaged a wide range of age groups—from young children as young as 11 through to adults aged 65 and over—helping them feel more confident and informed about recycling, how the system works, and what happens to our waste. While a variety of activities were run throughout the week, each was carefully tailored to suit the needs and interests of different groups present in the sessions

Overall, the Waste Education Week ran smoothly, sparked meaningful engagement, and achieved its key goals. We at Waste-Ed with Kate are excited to continue working alongside Tararua District Council to support waste reduction efforts into the future.

CONTACT US

If you have any queries or need more information regarding this report please contact Acacia from Waste-Ed with Kate, details below:

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