

Long Term Plan 2024-2027 - Deliberations 4Waters

17 comments were received for Wastewater, 20 for water supply; 12 for stormwater; 16 for flood protection and land drainage

Theme	Submissions	Topic	Points raised on submissions	Options and Assessments	Impact on LTP 2024-2027	Recommendation to council	Response (to submitter/s)
Invest in wastewater maintenance / odour control	13	Wastewater	Defer anything outside Wastewater and stormwater and recovery	The focus of this LTP is on recovery across the various infrastructure activities	No change to the LTP	No change to the LTP	Council has allowed for the various infrastructure renewals across this LTP, particularly investment in roading activities.
			Pump stations at Riverside Gardens (Taha Awa) and Victoria Reserve	Odour control units are planned to be installed at both these locations. Assessment of the manhole at Riverside Gardens is also planned to see if a different install would work better in the car park environment	No change to the LTP	No change to the LTP	Operational work is underway to address known issues at these sites and will be completed early in the new financial year.
			Upgrade Dargaville and Te Kopuru treatment plants to meet current standards and expectations	Maintenance works are planned at both sites. Both can accommodate the current medium term growth projections. New modernised plants will, be required in the further and will be assessed as part of the next LTP	No change to the LTP	No change to the LTP	There are planned work at both plants to improve current operations and disposal quality and capacity at the Dargaville plant.
			Infrastructure cannot damage environment	Environmental considerations are built into the infrastructure planning maintenance activities.	No change to the LTP	No change to the LTP	Future plans exist for Dargaville and Te Kopuru to move from pond based systems as well as consider new locations and will be assessed in future years LTP.
			Paparoa communal system	A community wastewater scheme will cost approx. \$3-5m. Currently unaffordable for the small community.	No change to the LTP	It is proposed that staff engage with	Commitment made in meeting 02 May 2024 to continue working with community on how to get best outcome for

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				Council is working with the 5 properties where their disposal system is failing for an interim solution.		the effected property owner to assesses the possibility of a small private owner wastewater scheme. Council to consider providing a Grant to cover the initial capital cost and the property owners continue with ongoing operational cost.	impacted properties. Broader community scheme is considered and assessed in future LTP.
Invest in Mangawhai wastewater treatment	4		<p>Mangawhai –</p> <ul style="list-style-type: none"> - Investment - Monitoring - Disposal 	<ul style="list-style-type: none"> • Continue options investigation into circulation/aeration at Brown Road dam and implement right-size solution • Establish testing and monitoring programme for infiltration into network; continue monitoring at the golf course to establish saturation capacity 	No change to the LTP	At Council Meeting 29 May 2024 Council approved redirecting \$800k of Better Off and Transition Funding towards the Mangawhai	Council will continue to undertake maintenance and improvements at the treatment plant and within the network. A new disposal system for the treated wastewater continues at Brown Rd farm and the Mangawhai Golf Courses.

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				<ul style="list-style-type: none"> Continue working with Mangawhai Golf Course to supplement Brown Road disposal options. Looking at sub-surface drip irrigation for both 		Gold Course subsurface irrigation project.	
New developments to have self-contained wastewater	1		New development wastewater		No change to the LTP	No change to the LTP	Where feasible, Council will continue to support the use of private self-contained wastewater systems.
Promote uptake of home water tanks	4	Water supply	Promote water tanks	Continue to support the use of private water tanks.	No change to the LTP	No change to the LTP	Council will continue to support the use of private water tanks.
1. Invest in maintaining a clean water supply 2. Increase capacity of Waiatua Dam 3. Kaihu does not have access to clean water	12		Dargaville water resilience options	These options will continue to be explored and the feedback received here included in the assessment. Other groundwater options are also being considered to reduce reliance on surface water	No change to the LTP	No change to the LTP	<ul style="list-style-type: none"> The feedback received on both dam options and other supplies will be included as the assessment of solutions continues. Council will continue to work with Government agencies for external funding to support Council funding.
			Collaboration with other agencies	Staff are turning the regulatory nature of some of the agency relationships to a more collaborative information and activity sharing one	No change to the LTP	No change to the LTP	This is a focus in the LTP in several areas to allow efficiencies, economies of scale and sharing of skills/knowledge where Kaipara is too small to go it alone. E.g. Collaborative working relationship of the

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							management of various land drainage areas.
			Adding more communities to reticulated water	This is largely determined by growth or public health issues and this driver will continue. Longer term thinking of this does exist for several communities	No change to the LTP	No change to the LTP	<ul style="list-style-type: none"> The future years beyond this LTP does consider potable water supplies for further communities. Council will continue to work with Government agencies for external funding to support Council funding.
			Continued investment to prevent water losses and maintain clean water supply	Continue with leak detection and other condition assessment activities to minimise reactive works required	No change to the LTP	No change to the LTP	Council will continue to assess the network according to age, condition and expected growth and continue with leak detection works to minimise water loss.
Fluoridate water	1		Fluoridation of water supplies	Wait direction form the Director General of Health.	No change to the LTP	No change to the LTP	At this stage fluoridating of water supplies is not proposed unless directed by the Director General of Health.
Invest in/maintain water bodies/rivers	4		Invest in and maintain waterways and estuaries	Various maintenance renewal activities take place across the waterways with Councils jurisdiction.	No change to the LTP	No change to the LTP	Various maintenance renewal activities take place across the waterways with Councils jurisdiction.
Invest in stormwater infrastructure - Drains	12	Stormwater	Glinks Gully drain issue	This is a known issue with a remediation plan in place	No change to the LTP	No change to the LTP	Increased sand settlement has been seen in the last 12 months in the Glinks Gully area that is impacting some Council assets. This has started to abate but

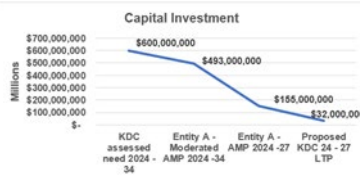
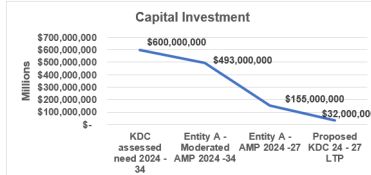
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<ul style="list-style-type: none"> - Outlets and culverts - Floodgates - Roadside gutters 							increased maintenance to clear the sand has been scheduled.
			Water sensitive design		No change to the LTP	No change to the LTP	This is considered in planning at the moment where it can be, and requirements are being included in the Engineering Standards currently under revision.
			Culverts/outlets/floodgates/drains	This is a combined activity across roading, stormwater and land drainage teams. Activity here is still in recovery mode – as works are completed, routine maintenance programmes are being re-established	No change to the LTP	No change to the LTP	<ul style="list-style-type: none"> • There are inspection programmes in place and routine maintenance schedules are expected to take 12-18 months to be fully back on track following the adverse weather events. • New floodgates continue to be installed as required
			Sailrock Dr and other areas of Mangawhai	Council is working with Metlife to install a new stormwater system in Sailrock Dr to alleviate flooding.	No change to the LTP	No change to the LTP	<p>There is future work planned alongside the retirement village development for Sailrock Drive, Northcoast pond and the egress from there to the estuary.</p> <p>Recovery and other works are progressing in Robert Street, scheduled for completion in July 2024 and Eveline Street and Breve Street scheduled for completion by October 2024.</p>

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			Under investment	The pro-active planning to maintain and expand the network ahead of time is unaffordable to ratepayers.	No change to the LTP	No change to the LTP	Council will continue to assess the network according to age, condition and expected growth and plan works accordingly
1. Improve flood planning 2. Invest in / maintain stop banks	11 2	Flood protection and land drainage	Increase annual maintenance on drains, floodgates, stopbanks	Routine annual maintenance and capital improvements are planned as part of the LTP	No change to the LTP	No change to the LTP	Maintenance on these assets can be part of the Roading, Stormwater, Parks, and Land Drainage activities. For Land Drainage assets the maintenance is coordinated with the drainage districts
			Flooding impacts to Dargaville and Te Kopuru treatment plants	Flooding improvements are planned for the 2023-24 and 2024-25 years. Future years consider the location, treatment methodology and disposal options for both these sites	No change to the LTP	No change to the LTP	<ul style="list-style-type: none"> There is a project underway to heighten the bunds around the Dargaville ponds using the actual and modelled information from the flood events to determine height and extent. The Dargaville to Te Kopuru stopbank is fully designed and consented with some construction already complete. This will continue as funds, including external funds, allow.
			Focus on storm recovery first	This is a Council priority and focus for this LTP	No change to the LTP	No change to the LTP	Recovery from the weather events is an ongoing focus for Council, however some flood protection and drainage assets are requiring attention due to weather event related damage.

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Improve river stopbanks along SH14	1		Build up riverbanks to stop flooding on SH14	Staff will continue to work with NRC and NZTA as they both have jurisdiction in this area.	No change to the LTP	No change to the LTP	We are working with NRC to assess, investigate and determine the most effective river management option.
Compliance	1	General Comments NRC have expressed concerns regarding:	<p>A. Adequate funding for upgrade works to achieve consent compliance for stormwater drainage ie Dargaville's stormwater discharges</p> <p>B. Deferral of work to upgrade KDC's wastewater infrastructure ie Mangawhai WWTP impacts from growth / irrigation dam issues; Maungaturoto and Dargaville WWTP's are currently under abatement notice</p> <p>C. Funding to improve performance & consent compliance of District WWTPs.</p> <p>D. Provision of capital cost to connect</p>	<p>A. The sever weather events of 2023, has left significant damage to our local infrastructure, hence the focus over the next 3 years is on recovery.</p> <p>As shown in the diagram, we take investment in infrastructure seriously and had include sufficient funding in the Three Water Entity A AMP. However, as shown, Council required \$600m over 10 years and what is affordable regrettably is \$32m. This is far from what is</p>  <p>required.</p>	No change to the LTP	No change to the LTP	<p>A. Kaipara District Council is a small Council with 18,000 rate payers. The sever weather events of 2023, has left significant damage to our local infrastructure, hence the focus over the next 3 years is on recovery. As shown in the diagram, we take investment in infrastructure seriously and had include sufficient funding in the Three Water Entity A AMP. However, as shown, Council required \$600m over 10 years and what is affordable regrettably is \$32m. This is far from what is required.</p>  <p>B. Council has not deferred works; it has re-prioritised its funding to investment approx. \$1m in optimising</p>

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			<p>with Kaipara Water Scheme while sourcing external funding to secure further water supply to Dargaville - breaching water takes during dry periods in Dargaville - delays to resolve this.</p> <p>E. LTP is silent on the need for KDC to obtain resource consents for most of the drainage district it administers - applications for required consents are overdue.</p> <p>F. Collaborative approach to re-assessing responsibilities of ownership management and controls drainage districts, river systems and harbours</p>	<p>B. Council has not deferred works; it has re-prioritised its funding to investment approx. \$1m in optimising the Mangawhai Wastewater Treatment plants performance and increase in capacity. We are also planning to investment in treated effluent disposal at our Brown Road farm and the Mangawhai Golf Course using sub surface irrigation</p> <p>C. Council will to monitor and invest in its wastewater treatments plants and is committed to ensuring its treatment plants are compliant with consent conditions. All plants are compliant during normal weather events; however, the Maungaturoto Wastewater treatment plant receive significant stormwater inflows from stormwater resulting in the treatment capacity being exceeded partially treated wastewater discharging to the</p>			<p>the Mangawhai Wastewater Treatment plants performance and increase in capacity. We are also planning to investment in treated effluent disposal at our Brown Road farm and the Mangawhai Golf Course using sub surface irrigation.</p> <p>C. Council is committed to ensuring its treatment plants are compliant with consent conditions. All plants are compliant during normal weather events; however, the Maungaturoto Wastewater treatment plant receive significant stormwater inflows from stormwater resulting in the treatment capacity being exceeded partially treated wastewater discharging to the wetlands. We will continue and monitor and where possible reduce wet weather inflows into the plant.</p> <p>D. It is regrettable for Council when deciding to implement water restrictions, however, it must do so to ensure sufficient water for sanitation and public health is</p>

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				<p>wetlands. We will continue and monitor and where possible reduce wet weather inflows into the plant.</p> <p>D. Council is assessing two options to provide better security of supply to Dargaville, however, to ensure affordability to the Community of Dargaville, as both options require an investment between \$10-15m, therefore, external funding will be required to allow either investment to proceed.</p> <p>E. Council staff are working with NRC to assessing what consents are required for drainage district and are in discussions with NRC on the options of seeking a global consent for a specified drainage district.</p> <p>F. Council welcomes taking a collaborative approach with NRC and the other Northern</p>			<p>available. Further, Council is assessing two options to provide better security of supply to Dargaville, however, to ensure affordability to the Community of Dargaville, as both options require an investment between \$10-15m, therefore, external funding will be required to allow either investment to proceed.</p> <p>E. Council is assessing what consents are required for drainage district and are in discussions with NRC on the options of seeking a global consent for a specified drainage district.</p> <p>F. Council welcomes taking a collaborative approach with NRC and the other Northern Councils to determine responsibilities of ownership management and controls drainage districts, river systems and harbours</p>

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				Councils to determine responsibilities of ownership management and controls drainage districts, river systems and harbours			