

**Table 1: Corporate emissions reduction**

Action	Status	Comment
Upgrade the aeration blowers at the Paraparaumu Wastewater Treatment Plant for increased energy-efficiency.	Completed	Energy efficiencies are already being noted, but the total reduction in energy/m <sup>3</sup> of wastewater treated will not be confirmed until next year's audit.
Convert our fleet to electric vehicles and hybrids.	Underway	During the 2021-22 financial year, we purchased 2 full EVs and 3 hybrids. In this financial year, we plan to purchase 3 EVs (2 pool vehicles and a new library van) and 1 hybrid.
Seek to achieve further reductions in business operations (for example, procurement, water conservation, waste minimisation and energy efficiency).	Completed	The Properties team has recently converted the heat pump at the Paraparaumu Memorial Hall from gas to electricity.
	Underway	A new Procurement Systems Advisor has started at Council. Promoting ongoing reductions through procurement will become increasingly important to the corporate emissions reduction plan. This will be discussed further at a briefing on Council's Carbon and Energy Management Plan on 28 February.
Reduce emissions from LED streetlights.	Ongoing	Nearly 95% of all streetlights have been converted to LED. Most recently, the lights on Iver Trask Place and Brett Ambler Way were converted. More conversions will take place on the old SH1 once the revocation is complete.
Plant 11 more hectares of trees at the Waikanae Dam.	Underway	Tree planting was delayed in the last financial year due to supply issues, but 1.1 hectares were planted before the end of the year. For this financial year, 3,000 trees are scheduled to be planted in June.  Note: planting trees at the Waikanae Dam reduces net emissions through sequestration, while also protecting land and water quality.
Investigate opportunities for further reductions, particularly via solar power.	Underway	Council commissioned two reports in 2021 to explore further reduction and offsetting options, and then two additional reports specifically on solar feasibility were received in October 2022. These results will be discussed on 28 February.
Investigate options to reduce emissions from wastewater treatment.	Underway	Options to further reduce emissions from this activity are in the nascent stages. This issue was covered at the recent Water New Zealand Conference 2022, and the team is now considering next steps.

Research energy usage and emissions from infrastructure construction.	Underway	An independent consultant is currently undertaking a full review of the Paraparaumu Transport Hub Improvement Project's carbon footprint. This will include a range of factors such as energy and materials, embodied carbon, and waste. The findings from this review will inform the planning and implementation of future construction projects.
Investigate opportunities for further sequestration through tree planting on Council-owned land.	Underway	A desktop exercise is currently underway to identify additional Council-owned land that could be used for further sequestration. Once the initial desktop exercise is completed, more detailed analyses on site-specific suitability will be required.
Update Kāpiti Coast District Council Carbon and Energy Management Plan.	Underway	To be discussed on 28 February.
Undertake annual carbon emission inventories with independent audits by Toitū Envirocare.	Completed for the year	On 29 November 2022, Toitū Envirocare verified Council's audit for the 2021/22 financial year.

**Table 2: Districtwide emissions reduction**

Action	Status	Comment
Encourage active transport (e.g., bike riding or walking) through footpaths, shared paths, on-road cycle lanes, and off-road cycleways that are safe and connected.	Underway	On-road cycle lane renewals (green surfacing and demarcation) are ongoing and Council officers continue to work with Waka Kotahi to provide and promote active transport facilities on the old SH1.
	Completed	Renewed the Wharemauku Pathway connecting Raumati to Coastlands, resurfaced the Waikanae River trail, and led an upgrade of the Te Ara o Whareroa shared path between Paekākāriki and Raumati South with funding from Waka Kotahi.
	Completed	Council has developed a cycling map for the Kāpiti Coast (see <a href="#">here</a> ), is currently promoting the February Aotearoa Bike Challenge, and is planning for new cycle stand installations at Paekākāriki Township, the Paraparaumu Transport Hub and outside Council on Rimu Road.
Continue to deliver our transport safety education programme so network users are confident and safe.	Underway	Council delivers a wide range of transport safety programmes. Recent initiatives have included: <ul style="list-style-type: none"> <li>• Pedal Ready at Kapakapanui, Kena Kena, and Raumati South schools,</li> <li>• Be Safe Be Seen, which included the distribution of over 1000 reflective backpack covers, and</li> <li>• the annual School Patrol Parade.</li> </ul>

Develop an accessibility strategy.	Planned	Feedback from Council's upcoming series of 'Vision 2050' workshop is required to progress this project further.
Encourage and enable uptake of lower emissions electric vehicles (EVs) by supporting a growing network of charging stations.	Ongoing	Council has granted a licence to Meridian Energy to install 6 charging stations at the Coastlands Aquatic Centre.  The Sustainability & Resilience Team is currently working with the Economic Development Team to develop an EV Charging Policy that will align with the Destination Management Plan.
We take every opportunity to advocate to Waka Kotahi, the Ministry of Transport and KiwiRail, and participate in advisory groups to encourage and support the development of a low-carbon transport system.	Completed	On 6 October 2022, Council made a submission to the Transport and Infrastructure Committee on the <i>Inquiry into the future of inter-regional passenger rail in New Zealand</i> .
	Ongoing	The Wellington Transport Alliance (WTA) was established in July 2022. The aim of the WTA is to deliver a safer, more efficient transport system for the region. Council officers attended the first meeting of the WTA late last year. These meetings will continue each quarter.  Council officers are regularly in attendance at the Wellington regional meetings for Waka Kotahi's Te Ringa Maimoa Transport Excellence Partnership (formerly known as the Road Efficiency Group). These meetings are two-monthly.
We take every opportunity to advocate to GWRC and participate in regional groups for the development of an improved public transport system.	Completed	On 12 July 2022, Council made a submission to GWRC on the <i>Draft Regional Policy Statement Change 1</i> . On 7 October 2022, Council made another submission to GWRC on the <i>Proposed Change 1 to the Regional Policy Statement</i> . Both submissions advocated for improved public transport in the district.
	Ongoing	Mayor Janet Holborow is the Council representative to the Regional Transport Committee (RTC), which had its first meeting of this triennium on 6 December 2022.  Council officers are regularly in attendance at the quarterly GWRC Technical Advisory Group (TAG) meetings.
The Intensification Plan change (Plan Change 2) will enable greater density closer to services and rapid transport hubs in urban areas.	Underway	This plan change is currently in process. Hearings are scheduled for March 2022.
Update urban design guidelines and Land Development Minimum Requirements (LDMR).	Underway	Plan Change 2 introduces new guidelines for medium density buildings in residential zones, and taller buildings in centre zones. The LDMR is also included in Plan Change 2.

Work with communities to develop town centre intensification plans that include a low-carbon focus.	Planned	Feedback from Council's upcoming series of 'Vision 2050' workshops is required to progress this project further.
Develop a monitoring framework to measure how we are delivering on the principles of <i>Te tupu pai</i> .	Planned	Feedback from Council's upcoming series of 'Vision 2050' workshops is required to progress this project further.
Participate in the development of the Wellington Regional Growth Framework: Regional Emissions Reduction Plan.	Underway	The Wellington Regional Leadership Committee has employed a Project Lead and a Core Group has been established. Meetings have started and the Group will meet monthly in 2023. For more information, go to <a href="#">Regional emissions reduction strategy - WRLC</a> .
Waste Education is continuously delivered for schools, communities, and businesses.	Completed	The Zero Waste Education Programme was recently delivered to 133 children at Kapiti Children's Centre, Small Wonders Childcare and Kapiti Primary School.
	Completed	Love Your Compost workshops and market stalls have reached 153 residents in the first 6 months of this financial year. The Love Your Compost campaign is a home composting behaviour change programme targeting residential food scraps and garden waste.
	Completed	A waste free period session was delivered to Kapiti College to support young wāhine to use more reusable menstrual products now and throughout their lives.
Support community-led waste minimisation projects and seed funding for business waste reduction.	Completed for the year	The 2022/23 Waste Levy Grant opened for applications on 6 July 2022. Seven applicants were awarded a total of \$32,824 under the two categories of Community Projects and Business Waste Reduction. More information on the latest recipients can be found online at <a href="#">Waste Levy Grants 2022 recipients</a> .
Require and support zero waste events.	Ongoing	The Kāpiti Food Fair 2022 (with over 10,000 visitors on 3 December 2022) was a zero-waste event. 13 other events were supported with bookable waste resources, advice on event management and the development of waste minimisation plans, and post-event waste analyses.
The Otaihanga Resource Recovery Facility and the Ōtaki Resource Recovery Centre provide recovery, recycling, and disposal services through lease to operate agreements.	Ongoing	The number of visitors to the recycling area at Otaihanga averages 110 people per day. On average, each visitor disposes of around 23kg of recyclables.

A new community-led Zero Waste Hub (resource recovery centre) is being established, with an initial focus on construction and demolition as these are large sources of waste.	Underway	A 3-year waste levy grant was approved by Council on 8 Dec 2022 to the Sustainability Trust to support the operation of this community recycling centre, conditional upon the operator entering into a lease agreement for the site.
New bylaw requirements are in force, requiring waste minimisation for multi-unit developments and large events.	Ongoing	The Development Control and Resource Consent Teams are working with the Waste Management and Minimisation Team to process new consent applications.  An online, waste calculator tool to help applicants develop waste management and minimisation plans is currently under development. The Zero Waste Hub will provide an important resource for the diversion of construction waste.

**Table 3: Adapting Council services and activities**

Action	Status	Comment
<b>Water supply</b>		
Support water conservation and storage.	Ongoing	A new Water Conservation and Tradewaste Officer was hired in December 2022. Districtwide gross per capita usage remains around 300 l/p/d, about 30% below the 2013/14 pre water metering average.
Undertake an ongoing water supply leak detection programme, targeting areas with trends of increasing water usage.	Ongoing	In November and December 2022, leak detection was carried out across Ōtaki Central, Ōtaki Beach and the Waitohu Plain. This information will instigate repairs and inform renewals. Other water zones will be scheduled for acoustic leak detection dependant on contractor availability.
Assess the condition and performance of water supply networks and specific sites and procure expert planning advice.	Planned	Condition assessments of water supply pump stations and above ground bridge crossings to be carried out this year.
Several major projects are planned to improve water supply capacity, reliability and resilience. Examples include the new clarifier at the Waikanae Water Treatment Plant, searching for new water sources (bores) in Ōtaki, and investigating new reservoir sites in Ōtaki.	Underway / Planned	With co-funding from Kainga Ora (Infrastructure Acceleration Fund), funds have been allocated for a land purchase to site a 5.5 million litre reservoir in Ōtaki to serve Ōtaki Central and Ōtaki Beach. New pipes will also be constructed in Ōtaki Central and Ōtaki Beach. The design is in progress for the new reservoir and pipework.  Construction is commencing this year at the Waikanae Water Treatment Plant (WTP) on a new clarifier, rapid mix tank, chemical plant upgrades and equipment renewals.  Additional work is planned this year at the Tasman Road WTP, the Rangioru WTP and the Hautere WTP.

Implement a range of planned actions at each water supply site to improve water treatment, storage, and structural integrity.	Underway	Inspections and safety checks have been undertaken on the roof sealing at the Waitohu, Waikanae, and Otaihangā water reservoirs.
Undertake a range of planned water supply renewals across the district, mainly to pipes, pump stations and storage facilities.	Underway	Replacement of existing water pipes on Te Moana Road, Waikanae and in Paekākāriki is currently in process.
Plant 11 more hectares of trees at the Waikanae Dam to protect land and water quality.	Underway	See Table 1 for this action update as this tree planting also helps to sequester carbon.
Remove gravel at the Waikanae water supply intake. Gravel removal will reduce blockages in the network, particularly during large storm events.	Underway	Planning is currently in process.
At the consenting stage, advise on new developments to ensure new water supply infrastructure aligns with national, regional, and local standards.	Ongoing	No further comment.
<b>Wastewater</b>		
Capacity studies, condition assessments and performance assessments identify urgent issues and inform activity plans for the wastewater activity.	Underway	CCTV studies have been undertaken to identify weak points in the network that could be susceptible to leakage. Approximately 30% of the Ōtaki wastewater network has been assessed. Further assessment of the Paraparaumu wastewater and stormwater networks is about to commence.
Educate people on wastewater conservation to minimise demands on the wastewater network, making it easier to accommodate new demands from climate change and growth.	Ongoing	A new Water Conservation and Tradewaste Officer was hired in December 2022.
We have planned a range of wastewater network renewals and builds across the district. For example, we have allocated \$6.5 million for upgrades at both of our wastewater treatment plants and \$3.6 million for other upgrades to the network. The range of projects will improve storage and treatment processes in wet weather and minimise inflows and overflows across the network.	Underway / Planned	The Ōtaki Wastewater Treatment Plant (WWTP) oxidation pond desludging has been completed. Installation of an aeration pond inflow bypass pipe has also been completed, enabling de-gritting of the aeration pond (planned for Feb 2023). This work, plus the inlet screen renewal, will restore the aeration pond design capacity. These projects will help improve the wastewater treatment and effluent discharge quality.  The re-lining of the stormwater overflow pond at the Waikanae terminal pump station and Paraparaumu WWTP is currently in process. A GWRC resource consent is required before the tendering, which is planned for Feb 2023. The proposed work at the Waikanae WTP is for upsizing the current 25,000 m <sup>3</sup> sewer overflow pond to 40,000 m <sup>3</sup> and line it with impervious High Density Polyethylene (HDPE) liner.

Monitor existing septic tank maintenance and minimise illegal septic tank connections to reduce infiltration to the wastewater network.	Ongoing	No further comment.
<b><i>Stormwater and coastal assets</i></b>		
Undertake regular stormwater drain inspections and maintenance (at a cost of about \$700,000 per year).	Underway	As part of our urban stormwater drain network is open waterways (approximately 40km), we recently completed 22.5km of open drain / stream cleaning (gravel extraction, machine and hand cleaning).
	Completed	Emergency works at the Ngarara Stream to mitigate risks associated with Council owned wastewater infrastructure was completed.
Inspect assets on private properties and educate landowners about how to maintain retention ponds and soak pits on their properties.	Underway	Asset inspections on private properties is a 4-stage project: 1. Inspecting 280 privately owned ponds in subdivisions – <i>Completed</i> 2. Inspecting down pipes – 98% completed 3. Inspecting soak pits – Not started yet 4. Inspecting retention ponds – Not started yet  The education programme will include learnings from the inspections, so the programme is being developed as each stage of the inspection is completed.
The proposed combination of <u>major and minor renewals</u> on the stormwater network will increase the network's ability to manage surface water runoff.	Underway / Planned	Minor stormwater capital renewals have recently been completed in 8 locations across the district, while two major asset renewal projects (at Paraparaumu catchments 3 and 4) are in progress.  Other projects are currently in the design stage, the tender stage, or about to commence.
The proposed combination of <u>new assets and upgrades</u> to the stormwater network will increase the network's ability to manage surface water runoff.	Underway / Planned	Upgrades at Riwai Street (Stage 2) have recently been completed, while upgrades at Matene Matai and Rauparaha Street are currently in progress.  Other projects are currently in the design stage, the tender stage, or about to commence. For example, upgrades at Jeep Road, Clunie Ave, Kainui Road, and Amohia Catchment Stage 1 are about to commence.
Advise on the maintenance of access and transport stormwater infrastructure. Roads act as secondary flow paths and are important for the stormwater network. Sump cleaning and replacement will increase the network's ability to manage surface water runoff.	Ongoing	The roading and stormwater teams are jointly carrying out the following projects: <ul style="list-style-type: none"> <li>• Districtwide sump inspections</li> <li>• Sump upgrades</li> <li>• Sump lead inspections and renewals, which include up-sizing as required.</li> </ul>



<p>Manage stormwater inflow and infiltration through down pipes, manholes and pipe networks to ensure the district's wastewater activity continues to be resilient. Investigations to identify inflow and infiltration sources, coupled with maintenance of pipes and manholes, will minimise infiltration into the wastewater network. This includes instances of stormwater infiltration into the wastewater network on private properties.</p>	Underway	<p>Visual inspections were carried out across the district's 34 stormwater catchments. From these inspections, stormwater inflow into the wastewater network was identified in nearly 400 locations.</p> <p>Smoke testing was then carried out in 5 of the stormwater catchments. This testing identified ~20% more direct inflow sites than the visual inspections.</p> <p>Smoke testing is planned for the remaining 29 catchments and a plan has been developed to carry out improvement works in the initial 5 catchments to reduce the stormwater inflow to wastewater network.</p>
<p>Explore the development of a new bylaw to mandate certain practices on private properties.</p>	Planned	<p>Bylaw developed has not yet commenced.</p>
<p>Advocate to GWRC for improved flood protection in the rivers and streams under their jurisdiction under the Kāpiti Coast Watercourses Agreement.</p>	Ongoing	<p>No further comment.</p>
<p>During significant rainfall events, parks and open spaces provide storage for stormwater until the stormwater network can manage the runoff.</p>	Ongoing	<p>No further comment.</p>
<p>Raumati seawall</p>	Underway	<p>The 3.1 km Raumati seawall has exceeded its design life. This project is currently in the detailed design stage.</p>
<p>Wharemauku block wall</p>	Underway	<p>A permanent solution has been identified and discussions have taken place with affected property owners. Discussions are starting with GWRC because a resource consent is required.</p>
<p>Paekākāriki seawall</p>	Underway	<p>A tender process has been undertaken for Stage 1 of the project, with the tender to be awarded soon.</p>
<p><b><i>Access and transport</i></b></p>		
<p>Construction and maintenance projects provide opportunities for climate change adaptation. We have planned a range of improvements to increase the transport network's resilience. Some of these, such as converting low-volume sumps and culverts to higher capacity, will help manage surface water runoff.</p>	Ongoing	<p>There have been 45 sumps reconstructed since July 2021 to improve functionality of waterflow in high rainfall events.</p> <p>Culverts on the Akatarawa Road have been condition assessed with cameras to identify at high-risk assets and these are being programmed for replacement over the next 2-3 years. There have been 3 culverts replaced on this route so far.</p>



<p>Research the durability of construction methods and materials, particularly in relation to more extreme rainfall events and rising groundwater.</p>	<p>Underway</p>	<p>Council commissioned a preliminary paper on material durability from external technical experts. Council officers are now considering how the findings will be incorporated into future project builds.</p>
<p>Look for opportunities to build resilience. As the expressways are built through the district, we are working alongside Waka Kotahi to increase resilience, for example by strengthening bridges and building secondary access routes.</p>	<p>Ongoing</p>	<p>The Mackays to Peka Peka Revocation project is near completion, providing an upgrade for local traffic on the old SH route. Handover to Council is expected in mid-2023.</p> <p>Council has commenced discussions with Waka Kotahi on the Peka Peka to Ōtaki Revocation project, which is to prepare the old SH to be handed over to Council for local road use. This includes the Te Horo straights and Ōtaki township.</p> <p>These two revocation projects provide a key second north to south route through the majority of our district.</p>
<p><b><i>Waste minimisation</i></b></p>		
<p>Maintain and renew existing infrastructure for waste minimisation and disposal services. Asset management planning considers projected climate change impacts, particularly high winds and site flooding.</p>	<p>Ongoing</p>	<p>Capital works are planned for February to the Otaihanga Resource Recovery Facility stormwater pond to prevent (further) future flooding of the site during severe rain events.</p>
<p>Undertake community liaison and work with operators to manage impacts from green waste diversion. We work with operators to support operational innovations to manage off-site odour issues due to increased temperatures and high winds.</p>	<p>Ongoing</p>	<p>Council and Composting NZ continue to hold regular meetings with local residents to discuss off-site odour issues at the Composting NZ Otaihanga garden waste drop-off site. Composting NZ is currently trialling a new odour suppressant (EM).</p>
<p><b><i>Regional</i></b></p>		
<p>Participate in the development of the Wellington Regional Growth Framework: Wellington Region Climate Change Impact Assessment (WRCCIA) - Phase 1 of the Regional Adaptation Plan.</p>	<p>Underway</p>	<p>The current focus of the project is working with mana whenua from across the Wellington region to ensure iwi participation in the WRCCIA.</p> <p>A series of workshops started last year to identify climate change impacts across a range of domains: natural ecosystems, physical assets and infrastructure, the economy, and society (including health, safety and well-being, and cultural life and identity). From the 1<sup>st</sup> week of February, workshops are covering governance, transition risks, and cascading risks. A wide range of participants are invited.</p> <p>For more information, see <a href="#">Regional approach to climate change impacts assessment - WRLC</a>.</p>

**Table 4: Supporting community adaptation**

Action	Status	Comment
We are working with our iwi partners and technical experts to develop a new Stormwater Management Framework.	Underway	<p>Council adopted the Stormwater Management Framework (SMF) vision, values, and outcomes on 28 July 2022. Council sought submissions from the community before it was adopted by Council.</p> <p>Council is now:</p> <ul style="list-style-type: none"> <li>working with our iwi partners and technical experts to develop a Schedule N Stormwater Management Strategy as a requirement of the GWRC proposed Natural Resources Plan</li> <li>applying to GWRC for a Global Stormwater Discharge Consent. Council will be asking that this application be publicly notified to ensure the public is able to engage with this process as the application seeks to set our community stormwater discharge quality requirements for the next 35 years.</li> </ul> <p>More information on the SMF can be found <a href="#">here</a>.</p>
We are updating our flood models, and these will include the most recent climate change predictions and rising groundwater levels.	Underway	This work is progressing well.
The Takutai Kāpiti project team and technical advisory group, alongside the Coastal Advisory Panel (made up of iwi, community, and key stakeholders) will develop coastal adaptation recommendations. to guide how we build our sustainability and resilience to rising sea levels and coastal erosion.	Underway	The Coastal Advisory Panel is currently engaging with communities on the coast to get their views on adaptation. Two community engagement meetings were held in Aug and Sept for the 'Northern Adaptation Area', which covers the coast from Ōtaki to Te Horo and Peka Peka. Elected Members will be provided with more information at another date. More information on Takutai Kāpiti can be found <a href="#">here</a> .
Coastal hazard assessment(s)	Underway	The Kāpiti Coast Coastal Hazards Susceptibility and Vulnerability Assessment has been completed. Further assessments are currently in process.

**Table 5: Supporting community transition**

Action	Status	Comment
<b><i>Individuals and communities</i></b>		
We provide an extensive waste minimisation education programme.	Ongoing	See Table 2 for this update as waste minimisation is also important for emissions reduction.



		active transport	X	X	X	X	X	X
		public transport			X	X	X	X
		climate and business	X	X				
		district plan change	X	X	X	X	X	
		national & regional		X	X	X	X	X
		stormwater, ponding & groundwater		X	X	X	X	X
		waste	X	X	X	X	X	X
		emergency management	X	X	X	X	X	X
<b>Businesses</b>								
Educating businesses about emissions reductions and the projected impacts of climate change.	Ongoing	A new Sustainability Advisor Communities joined the Sustainability & Resilience Team in December 2022. The first focus will be on developing Council's new Climate Sustainability Fund and working with businesses.						
Pakihi Toitū o Kāpiti, the Sustainable Business Network, is a local network and online resource to support businesses on their sustainability journey.	Ongoing	<p>Pakihi Toitū o Kāpiti started in July 2022. Over 50 businesses have enrolled in the network to date, many of which have since drafted and published sustainability policies and plans.</p> <p>An online <a href="#">website</a> supports the network. It includes:</p> <ul style="list-style-type: none"> <li>• Regular articles discussing sustainability issues and opportunities from a local business perspective.</li> <li>• Case studies showcasing local businesses undertaking amazing work to decrease their footprints.</li> <li>• Guidance and resources for businesses that are just starting their sustainability journey.</li> </ul>						
Sustainable Economic Development	Ongoing	Council, in partnership with the Economic Development Kotahitanga Board and other key stakeholders, continues to look for opportunities to build the sustainable food and beverage sector.						
<b>Mana whenua partners</b>								
Provide mana whenua with resources and infrastructure to enable and support emissions reductions, low-carbon living and climate change adaptation.	Ongoing	The Sustainability and Resilience Team reached out to mana whenua to discuss the release of the Climate Emergency Action report and learn if there was any further climate change work that mana whenua wanted to see undertaken. Presently, the primary interest areas are those in which mana whenua are already active (e.g., stormwater management, environmental monitoring, resource consents for water, wastewater, and waste minimisation projects, etc).						

We partner with mana whenua to design and implement key projects.	Ongoing	<p>There are a number of current projects with mana whenua involvement, including but not limited to:</p> <ul style="list-style-type: none"> <li>• The development of a new Stormwater Management Framework and the Schedule N Stormwater Management Strategy</li> <li>• The development and implementation of cultural monitoring frameworks to measure environmental quality</li> <li>• Providing advice on consenting conditions for water, wastewater, stormwater, solid waste activities, and special infrastructure projects.</li> </ul>
We offer marae maintenance and development grants, which are often used to undertake sustainability and resilience initiatives.	Ongoing	No further comment.

**Table 6: Supporting the environment**

Action	Status	Comment
<b><i>Environmental protection</i></b>		
Our environmental monitoring programme (which includes a large cultural monitoring component designed with our iwi partners) measures environmental health and informs activity plans.	Ongoing	<p>We recently submitted a leachate management plan to GWRC for the old landfill site in Otaihanaga, which includes a wetland restoration project. Part of the wetland restoration project may be achieved by capping the old-decommissioned-sludge-beds at the north and north-eastern corner of the site, using the excavated material from the Paraparaumu Wastewater Treatment Plant (WWTP) pond upgrade work.</p> <p>The investigation for the rise in phosphate in few monitoring bores at the Ōtaki WWTP is in progress.</p>
We have ongoing mitigation plans guiding the delivery of the River Recharge Scheme until 2030.	Ongoing	No further comment.
We are currently renewing some of our water supply consents, such as the one for water abstraction.	Underway	No further comment.

<p>We are renewing our discharge consents for the Paraparaumu Wastewater Treatment Plant as they expired in March 2022. The application is accompanied by an assessment of environmental effects and improvement plans.</p>	<p>Underway</p>	<p>The resource consent application was submitted to GWRC in December 2021 for a 15-year consent. GWRC had 105 queries on the consent (under s92), and we have now responded to 104 of the queries. Council is currently working with NIWA on the question(s) by GWRC / ESR for QMRA (quantitative microbiological assessment).</p> <p>The 15-year consent is exploring a BPO (best practical option) sustainable solution for the Paraparaumu WWTP, in partnership with mana whenua.</p>
<p>The new 20-year resource consent for the Ōtaki Wastewater Treatment Plant was issued by GWRC in October 2016. In accordance with the consent, we worked with iwi to prepare and implement an environmental protection and restoration plan.</p>	<p>Underway</p>	<p>To meet iwi aspirations, the first stage of manuka tree planting along the downstream of the Land Disposal Treatment Area (LDTA) areas has been completed. More manuka trees are to be planted in July-Aug 2023 (being the ideal time for planting) as some of the previously planted ones did not survive.</p>
<p>Participate in the development of Integrated Catchment Management Plans through Greater Wellington Regional Council's Whaitua process.</p>	<p>Underway</p>	<p>Councillor Jocelyn Prvanov is the Council representative to the Whaitua Kāpiti Committee. The Committee has been established and is in the initial stages.</p>
<p>The 2019 Trade Waste Bylaw is the main instrument to manage commercial and industrial wastewater discharges to minimise risks to humans and the environment.</p>	<p>Ongoing</p>	<p>No further comment.</p>
<p><b><i>Environmental restoration</i></b></p>		
<p>Our Parks and Open Spaces team has an extensive programme working with Greater Wellington Regional Council and volunteer groups to carry out planting across the district.</p>	<p>Ongoing</p>	<p>Nearly 19,500 native plants were planted by Council staff and volunteers in the last six months.</p> <p>Additional planting takes place with most of our stormwater projects as it is usually required as part of the resource consents.</p>
<p>The Parks and Open Spaces team delivers a range of educational programmes to promote biodiversity, environmental protection, and environmental restoration in the district.</p>	<p>Ongoing</p>	<p>Council provides ongoing labour and technical support for ~30 community conservation groups.</p>
<p>The Parks and Open Spaces team works with Greater Wellington Regional Council to support pest control in the district.</p>	<p>Ongoing</p>	<p>GWRC is contracted to provide animal pest and ecological weed control services throughout Council owned Key Native Ecosystem sites. We also contract GWRC for additional rabbit control through the other parks and reserves that are not covered by this programme.</p>

<p>There are a range of planting projects in the Three Waters activities. These projects benefit carbon sequestration and environmental restoration.</p>	<p>Ongoing</p>	<p>In addition to the tree planting at the Waikanae Dam (as discussed in Table 1), Council is undertaking pest and weed control on 18 hectares of recently harvested pine trees at the site where there is now strong native plant regrowth.</p> <p>Council is also undertaking pest and weed control at the 8 hectares of recently harvested pine and gum trees at the Waikanae WTP, where there is also strong native plant regrowth.</p> <p>To meet iwi aspirations, some manuka planting has already occurred downstream of the Ōtaki WWTP's Land Disposal Treatment Area (LDTA), and more is planned for later this year.</p> <p>Additional riparian planting is scheduled, pending guidance and approval from mana whenua partners.</p>
--	----------------	---