

**Section 3
Activities**

**Paratotoka
Solid Waste**



Paihere Hapori Solid Waste

This section sets out our sustainable development approach to the management of solid waste activities across our District. Human activity is inextricably linked to the health of our natural environment. A healthy environment is essential for overall wellbeing and prosperity. With our population growing, demands on our natural resources will increase. The challenge is to lessen our impacts on the environment and reduce consumption and waste.

What we provide

- Kerbside recycling, glass, food scraps and general waste services
- Recycling and greenwaste centres
 - Katikati
 - Te Puke
 - Athenree
- Recycling and greenwaste centres
 - Ōmokoroa
- Waste minimisation education programmes
- Ongoing monitoring of closed and capped landfills
 - Athenree
 - Te Puke
 - Waihi Beach
- Monitor and remove illegal dumping (fly-tipping) across our District.

Why we provide this activity

Our community outcome

- We can all enjoy a healthy and safe lifestyle.
- Our environment is clean, green and valued.

Solid Waste

The Solid Waste Activity aligns to Council's Waste Management and Minimisation Plan and its vision to reduce waste to landfill. The primary aim of this is to reduce the amount of waste produced by reducing, re-using, recycling and recovering waste going to landfill. We will do this through effective waste management practices that minimise waste to landfill and encouraging efficient use of resources to reduce environmental harm and work towards a circular economy.

Our role in solid waste

Kerbside collection - We launched our Council-contracted kerbside collection service in July 2021. This service is available for most households in our District and provides:

- Mixed recycling collection and separate glass collection.
- Food scraps collection in urban areas.
- Council-contracted user-pays rubbish collection.

Our approach and actions have been developed in response to the changing waste management environment and substantial community engagement on changes to kerbside waste.

Rural recycling - Two recycling trailers travel between Pongakawa, Te Ranga and Omanawa on a fortnightly basis. This service was started in July 2022. The contents of each trailer is taken for consolidation at the recycling centres.

Community Recycling Centres and Ōmokoroa Greenwaste - Free drop-off points for recyclable materials are provided at the Council-owned and operated community recycling centres at Athenree, Katikati and Te Puke. They accept a wide range of recyclables. We also offer greenwaste disposal services at the above sites and also Ōmokoroa at a fee. Greenwaste is collected from the drop-off points by contractors for composting.

Closed Landfills - We maintain closed and capped landfills at Te Puke, Waihi Beach and Athenree in accordance with consent conditions.

We see our role continuing in planning for solid waste infrastructure, activities, education and enforcement to ensure individuals, households and businesses are dealing with their waste in the most responsible way.

Our "user pays" principle requires that those producing waste should pay the appropriate cost for its disposal and that by paying for its disposal, people are more likely to change their behaviour and attitudes towards waste minimisation. This has been reflected in the kerbside services through a pay-per-pick-up approach to rubbish collections, but rates-funded recycling and food scrap collection.

The Waste Minimisation Act 2008 puts a levy on all waste disposed of to landfills to generate funding to help local government, communities and businesses reduce the amount of waste.

Territorial authorities currently receive 50% of the total money collected through the waste disposal levy and these payments are made on a population basis. The money must be spent on promoting or achieving waste minimisation in accordance with our Waste Management and Minimisation Plan.

Future Focus

Respond to national legislative change - We know that there is national legislative change underway that may impact Council's current approach to waste. Currently, the most clear direction is outlined by the New Zealand Waste Strategy 2023. By working to align with this strategy, Council will be best positioned to respond to further changes that are announced.

Waste infrastructure planning - To meet the growing population we will need to consider other waste infrastructure needs, including a potential future transfer station for the District and approaches to construction and demolition waste. We will also replace the Ōmokoroa greenwaste facility with a new resource recovery facility and explore if the new site could also be used to recover additional resources. This aligns with our strategic priority to provide well maintained, resilient and efficient infrastructure.

We will continue to investigate suitable waste-related projects that could be either District-wide or benefit a specific area, subject to approval through the Annual Plan or Long Term Plan processes.



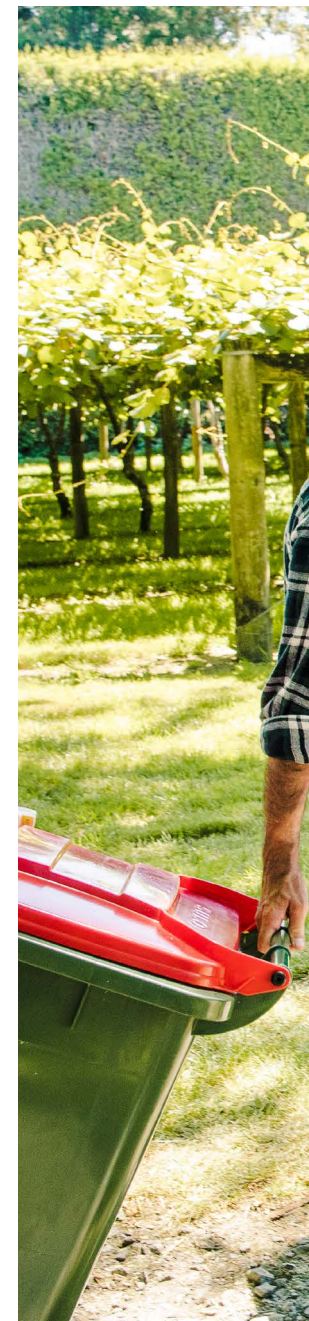
How we will achieve our community outcomes

Goal	Our approach
<p>Reduce and recover more waste.</p>	<p>Kerbside collections</p> <ul style="list-style-type: none"> Council-contracted kerbside collections will improve the diversion of kerbside waste from landfill, through providing increased opportunities to recycle or compost material. <p>Advocacy</p> <ul style="list-style-type: none"> Advocate where possible for stronger responsibility by producers, brand owners, importers and retailers for the minimisation of waste accompanying their goods, e.g. packaging and product stewardship. <p>Education and information</p> <ul style="list-style-type: none"> Education and information are vital tools for changing attitudes and behaviours towards waste minimisation and management. <p>Partners in providing education and distributing information</p> <ul style="list-style-type: none"> Partner with organisations that specialise in waste matters, for example Tauranga City Council, the Bay of Plenty Regional Council, Bay of Plenty / Waikato Waste Liaison Forum, BOPLASS, Ministry for the Environment, Environmental Education for Resource Sustainability Trust, Waste Watchers, Para Kore, Zero Waste Education Ltd, Waste Free Living with Kate and waste service businesses to ensure a co-ordinated, consistent and up-to-date response to education and information needs. <p>Schools</p> <ul style="list-style-type: none"> Support the waste minimisation education programme in schools across our District. Advocate for central government to assume responsibility for waste minimisation education as a core part of the education curriculum. <p>Community</p> <ul style="list-style-type: none"> Assist in funding waste minimisation education programmes for the wider community, targeting community groups and organisations in the first instance, as well as community events. <p>Business and rural sectors</p> <ul style="list-style-type: none"> Support key business and rural sector groups to minimise business waste and maximise resources that each sector can own and sustain into the future. <p>Communication</p> <ul style="list-style-type: none"> Provide user-friendly access to waste services information available through our libraries and service centres, on our website and our regular media communications. We respond to waste services and information requests. <p>Welcome pack</p> <ul style="list-style-type: none"> Include information on weekly kerbside collections and drop-off facilities within the welcome pack we distribute to all new residents in our District. <p>Signage</p> <ul style="list-style-type: none"> Ensure that industry-standard signage is installed when required to deter fly-tipping and illegal dumping .



How we will achieve our community outcomes

Goal	Our approach
<p>Reduce and recover more waste (continued).</p>	<p>Composting/worm composting</p> <ul style="list-style-type: none"> • Educate communities, households and workplaces on the benefits of composting organic waste and greenwaste. • Provide greenwaste drop-off facilities that accept garden waste for composting off site. <p>Recycling services</p> <ul style="list-style-type: none"> • Recycling drop-off facilities: We have two rural recycling trailers to assist households that don't receive a kerbside recycling service. <p>Illegally dumped waste</p> <ul style="list-style-type: none"> • Change attitudes toward fly-tipping by ensuring people know where they can dispose of their waste safely • Work with local communities to achieve clean roadsides and waterways • Monitor public spaces where fly-tipping occurs • Search for identification in dumped rubbish with a view to prosecution. • Pursue infringements and prosecutions where there is sufficient information to support such action. <p>Waste Management and Minimisation Bylaw</p> <ul style="list-style-type: none"> • Enforce the Waste Management and Minimisation Bylaw to ensure that all people in our District take responsibility for the proper disposal of their waste.
<p>Apply the latest proven and cost-effective waste management and minimisation approaches.</p>	<p>Hazardous Waste Management</p> <ul style="list-style-type: none"> • Household hazardous waste will be accepted at hazardous waste collection events at the Athenree, Katikati and Te Puke recycling centres. A household hazardous waste declaration form must be completed before hazardous waste is presented at a recycling centre. The form can be obtained from Council's website. <p>Landfills</p> <ul style="list-style-type: none"> • Continue with our aftercare responsibilities for closed landfills at Athenree, Strang Road, Te Puke and Waihi Beach as required by the conditions of resource consent. Transfer stations and user-pays drop-off sites for specific waste are provided by the private sector and other Councils. <p>Trial and pilot schemes</p> <ul style="list-style-type: none"> • Working with local communities on community-led recycling/re-use opportunities, and other waste reduction initiatives. <p>Kerbside services</p> <ul style="list-style-type: none"> • Food scraps collection (for urban areas) to divert from landfill the 'low-hanging fruit' biggest component (by weight) of household waste .



How we will achieve our community outcomes

Goal	Our approach
<p>To collect information to enable informed decision making.</p>	<p>Solid Waste Analysis Procedure</p> <ul style="list-style-type: none"> Undertake regular solid waste audit procedure which will follow the Ministry for the Environment (MfE) Solid Waste -Analysis Protocol (SWAP). <p>Monitoring and target setting</p> <p>Set targets for:</p> <ul style="list-style-type: none"> Approved/adopted Waste Minimisation programmes Kerbside services. <p>Kerbside services</p> <ul style="list-style-type: none"> Require accurate and regular data from the contractor on waste volumes, put-out rate, rates of contamination and other information as necessary.
<p>To create benefit for our community.</p>	<p>Community waste initiatives</p> <ul style="list-style-type: none"> Provide grants to community groups interested in establishing local waste management initiatives that adopt environmentally sound practices. Support community organisations in their applications to appropriate funding sources to establish new community waste initiatives. <p>Events and promotions</p> <p><i>National promotions</i></p> <ul style="list-style-type: none"> Assist in the promotion of national campaigns that contribute to the goals for solid waste by providing community group contacts and local administrative support. <p><i>Recognition of community actions</i></p> <ul style="list-style-type: none"> Advocate for the introduction of local awards to recognise outstanding contributions and innovations by communities and businesses to achieving our solid waste goals. <p><i>Events Recycling</i></p> <ul style="list-style-type: none"> Provide event organisers with access to information/assistance to encourage waste reduction and recycling at major events in line with the Western Bay of Plenty Sub-regional Events Strategy. <p>Design principles for new developments</p> <ul style="list-style-type: none"> Eco-design principles result in well-planned, well-executed and sustainable developments. We support the application of eco-design principles in developments when opportunities are available and will consider the inclusion of these principles in Council plans.



What are we planning to do

Project ID	Name	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
344401	Solid Waste - Ōmokoroa Green Waste Facility / Recycling Centre	50,000	-	-	1,057,500	-	-	-	-	-	-
318601	District Solidwaste Waste Minimisation Funding Pool	144,620	161,251	165,590	169,929	174,122	178,172	182,221	186,126	190,175	194,080
319902	Wastewater - Tradewaste Bylaw Implementation	51,650	57,590	59,139	60,689	62,187	63,633	65,079	66,474	67,920	69,314
348501	Kerbside Collection	2,460,149	2,743,066	2,816,871	2,890,675	2,962,019	3,030,904	3,099,788	3,166,212	3,235,096	3,301,520
348502	Kerbside Waste - Cost of transferring refuse from recycling centres to other location	40,000	44,600	45,800	47,000	48,160	49,280	50,400	51,480	52,600	53,680
348503	Solid Waste - Rural Recycling Drop Off Points	10,000	11,150	11,450	11,750	12,040	12,320	12,600	12,870	13,150	13,420
355101	Solid Waste - Community Re-use Facility	100,000	111,500	114,500	117,500	120,400	123,200	126,000	128,700	131,500	134,200

How we will track progress





What we do	How we track progress	Result	Target				
		2023	2025	2026	2027	2028-30	2031-34
Reduce and recover more waste. Apply the latest proven and cost effective waste management and minimisation approaches. To collect information to enable decision making. To create benefit for our community. All Council-owned solid waste facilities, including closed landfills, meet environmental standards.	Percentage of waste recycled or recovered through the kerbside collection service.	42%	>45%	>47%	>47%	>48%	>48%
	Total kerbside waste to landfill per household per annum (Council kerbside waste).	New measure	<250kg	<245kg	<240kg	<235kg	<230kg
	Number of greenwaste and/or recycling facilities provided.	4	>4	>4	>4	>4	>4

Where the money comes from

Please refer to 'Policies, Summaries and Statements' for the Revenue and Financing Policy for the Solid Waste Activity.



Significant effects of providing this activity

Wellbeing	Positive	Negative	How are we addressing these effects
 <p>Social</p>	<ul style="list-style-type: none"> • Providing recycling services promotes environmental consciousness. • Community and school involvement in programmes. • Better awareness of waste minimisation methods fosters improved community health, safety and well-being. • Community participation in services and events provides positive social feedback. 	<ul style="list-style-type: none"> • Provision of recycling services may reduce personal responsibility to 'reduce' the amount of waste produced. 	<ul style="list-style-type: none"> • We will provide an education programme to help people look to reduce their waste. • We have a Council-contracted Kerbside recycling and food scraps service and rural recycling drop-off points to encourage recycling and diversion.
 <p>Cultural</p>	<ul style="list-style-type: none"> • Waste disposal services protect culturally sensitive Māori land and water resources. 	<ul style="list-style-type: none"> • Waste entering water bodies affects the mauri of the environment. 	<ul style="list-style-type: none"> • We will continue to take enforcement action against fly-tipping.
 <p>Environmental</p>	<ul style="list-style-type: none"> • The hazardous waste collection removes household quantities potentially harmful substances. • Protection and enhancement of our District's environment. • Kerbside services enable the majority of the District to manage their waste effectively and divert material from landfill. 	<ul style="list-style-type: none"> • Landfill sites can create leachate that infiltrates groundwater and gases that are discharged into the environment. • Collection services can lead to visual pollution on roadsides. 	<ul style="list-style-type: none"> • We will continue to manage and monitor the closed landfill sites to meet compliance with resource consent conditions. • We will not develop additional landfill sites. • We will continue to license and monitor waste collection operators. • We run a Council-contracted kerbside rubbish, recycling and food scraps collection service.
 <p>Economic</p>	<ul style="list-style-type: none"> • Provision of user-pay services ensures that the generator of waste pays for the provision of the service. 	<ul style="list-style-type: none"> • User-pays can lead to illegal dumping of rubbish to avoid payment. • Financial cost of recycling and disposal services. The cost of recycling services is affected by the world markets for recyclable materials, for example glass and plastic. 	<ul style="list-style-type: none"> • We monitor trends in these markets and revise the expected costs of our recycling services through the Annual Plan or Long Term Plan processes. • These cost are weighed against the environmental benefits of recycling. • The provision of kerbside services and rural recycling trailers will make recycling more accessible.