

WASTE MANAGEMENT STRATEGY

2025 – 2035

A strategy to achieve less waste
and more resource recovery in
the Charters Towers Region





Acknowledgement of Country

We at Charters Towers Regional Council acknowledge the first nations people of the land on which Charters Towers and its greater region are located, and where we conduct our business. We pay respect to their Elders past and present.

We are committed to a positive future for all.

This Strategy has been prepared with the assistance of MRA Consulting Group.

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Council would like to thank all those members of the community, industry, government, peak bodies, and Council staff who kindly gave their time to provide input into the development of this Strategy through the consultation process.

Table of Contents

Glossary	2
1. Waste in the Charters Towers Region	3
1.1 Strategic Context for the Waste Management Strategy	3
1.2 Our Vision?	5
1.3 The Purpose – why do we need to act?	5
1.4 Why is waste management important?	5
1.5 Why do we need a strategy?	5
1.6 What the Strategy will do?	5
2. Focus Pillars.....	6
3. Priority Objectives	7
4. Regional Profile	8
4.1 Waste Management Overview.....	8
4.2 Waste Composition – what’s in your bin?	9
5. Action Plan.....	11
5.1 Environment Pillar 1	11
5.2 Civic Leadership Pillar 2.....	12
5.3 Economy Pillar 3.....	13
5.4 Community Pillar 4.....	14
6. Regional Alignment on Waste Management.....	15
7. Monitoring and Evaluation	16

List of Tables

Table 1: Policy Framework.....	4
Table 2: Expected outcomes	7
Table 3: Strategic actions for reducing waste to landfill.....	11
Table 4: Strategic actions for sustainable waste management.....	12
Table 5: Strategic actions for regional market development and circular economy.....	13
Table 6: Strategic actions to bring the community on the journey.....	14
Table 7: CTRC Waste Strategy Regional Alignment with NQROC	15
Table 8: Pillar 1: Environment Pillar Monitoring and Evaluation.....	16
Table 9: Pillar 2: Civic Leadership Pillar Monitoring and Evaluation	16
Table 10: Pillar 3: Economy Pillar Monitoring and Evaluation.....	17
Table 11: Pillar 4: Community Pillar Monitoring and Evaluation.....	17

List of Figures

Figure 1: Strategic Context diagram.....	3
Figure 2: Focus Pillars.....	6
Figure 3: Priority Objectives	7
Figure 4: Kerbside bin waste composition by waste stream	9

Glossary

TERMINOLOGY	DEFINITION
C&D	Construction & Demolition of Waste
C&I	Commercial & Industrial Waste
LGA	Local Government Authority
MSW	Municipal Solid Waste

1. Waste in the Charters Towers Region

1.1 Strategic Context for the Waste Management Strategy

This Strategy outlines Charters Towers Regional Council’s (CTRC) approach to improving waste management in our region and the direction Council will take from 2025 to 2035. The Strategy is a ten-year plan that identifies the goals Council wants to achieve, and the objectives and actions Council will take to accomplish our vision. The development of the Strategy took into consideration existing Council plans, policies, and relevant drivers on the national, state, and regional levels (Figure 1). Table 1 provides an overview of the longer term goals set by national and state policy that we are working towards.



Figure 1: Strategic Context Diagram

Table 1: Policy Framework

Policy	Description & Targets
National Waste Policy and Action Plan 2019	<p>The National Waste Policy (NWP) released by the Australian Government in 2018, encourages a shift away from a linear economy, i.e., 'take, make, use, dispose' behaviours, to a circular economy where the value of resources is maintained for as long as possible. The NWP provides five principles and fourteen strategies to underpin and guide waste management, recycling and resource recovery in a circular economy.</p> <p>The Australian Government subsequently published the National Waste Policy Action Plan 2019, which sets targets and actions to deliver the principles and strategies of the NWP. The targets and actions detailed in the National Action Plan include the following:</p> <ul style="list-style-type: none"> • Ban the export of waste plastic, paper, glass and tyres, commencing in January 2021; • Reduce total waste generated in Australia by 10% per person by 2030; • 80% average recovery rate from all waste streams by 2030; • Significantly increase the use of recycled content by governments and industry; • Phase out problematic and unnecessary plastics by 2025; • Halve the amount of organic waste sent to landfill by 2030; and • Make comprehensive, economy-wide and timely data publicly available to support better consumer, investment and policy decisions.
Queensland Waste Management and Resource Recovery Strategy (2019)	<p>The Queensland Waste Management and Resource Recovery Strategy (2019) provides a framework for waste management in Queensland. The strategy outlines three strategic priorities for the future of waste management:</p> <ol style="list-style-type: none"> 1. Reduce the impact of waste on the environment; 2. Transition to a circular economy for waste; and 3. Build economic opportunities. <p>The strategy also sets targets to be achieved by 2050:</p> <ul style="list-style-type: none"> • Reduce household waste generation by 25%; • Have a 90% average diversion rate of material away from landfill; and • Achieve a 75% recycling rate across all waste streams.
Queensland Organics Strategy 2022 – 2032	<p>The Queensland Organics Strategy has the following targets. By 2030, Queensland will:</p> <ol style="list-style-type: none"> 1. Halve the amount of food waste generated; 2. Divert 80% of the organic material generated from landfill; 3. Achieve a minimum organics recycling rate of 70%.
Queensland Landfill Levy	<p>The Queensland Government announced the re-introduction of a landfill levy from 4 March 2019 and issued a Directions Paper which sets out the proposed levy rate, exemptions, geographical and stream coverage. Current 2024–2025 landfill levy rates for CTRC are:</p> <ul style="list-style-type: none"> • \$94/t levy on general waste (C&D, C&I and MSW); • \$186/t on regulated waste category 1; and, • \$129/t on regulated waste category 2. <p>Rates in the regional zone increase each year in line with the indexation rate published on the department's website for the financial year.</p>
Queensland Container Refund Scheme (Containers for Change)	<p>The Container Refund Scheme "Containers for Change" was launched in November 2018 and aims to encourage beverage container collection and recycling by refunding 10-cents per container. The purpose of the scheme is to reduce littering and increase packaging recovery rates. The scheme coordinates collection points in each LGA.</p>

1.2 Our Vision

*Less waste and more resource recovery in
the Charters Towers Region*

1.3 The Purpose – why do we need to act?

**Waste is everyone's responsibility and
safe management is key to better outcomes
for our community.**

1.4 Why is waste management important?

Waste is an unavoidable by-product of nearly everything we do. As the Charters Towers Region grows, so too does the amount of waste our region generates. Council is a unique, regional, northern Queensland council, and so it is important that we work to conserve our natural environment and resources, as well as provide high-quality services to our community.

1.5 Why do we need a strategy?

As we move to become a zero-waste society, coordination and investment is required to realise more sustainable waste management practices. This waste management Strategy outlines our approach to improving waste management practices within our region. It provides transparency and clarity for our community so that everyone can understand the direction Council is moving in. The Strategy development process involved independent consultants reviewing the costs and benefits of different service delivery options, and the results are framed in the context of the values community have shared with us through an engagement survey in September 2024.

1.6 What the Strategy will do?

The Strategy will:

- Identify the current waste situation in the Charters Towers Region, where we want to be, and how we will get there;
- Provide a framework for planning and infrastructure development;
- Set a roadmap for Council's provision of better waste management and resource recovery options;
- Include community input to tailor waste management to our region; and
- Guide waste management in the Charters Towers Region in the right direction for the next ten years.

2. Focus Pillars

Council has aligned the Strategy focus areas (or pillars) with those of the Community Strategic Plan (Figure 2) as a way of supporting the community to more easily engage with our future plans. Underneath each focus pillar is a core objective and a set of outcomes and actions which Council will be delivering.

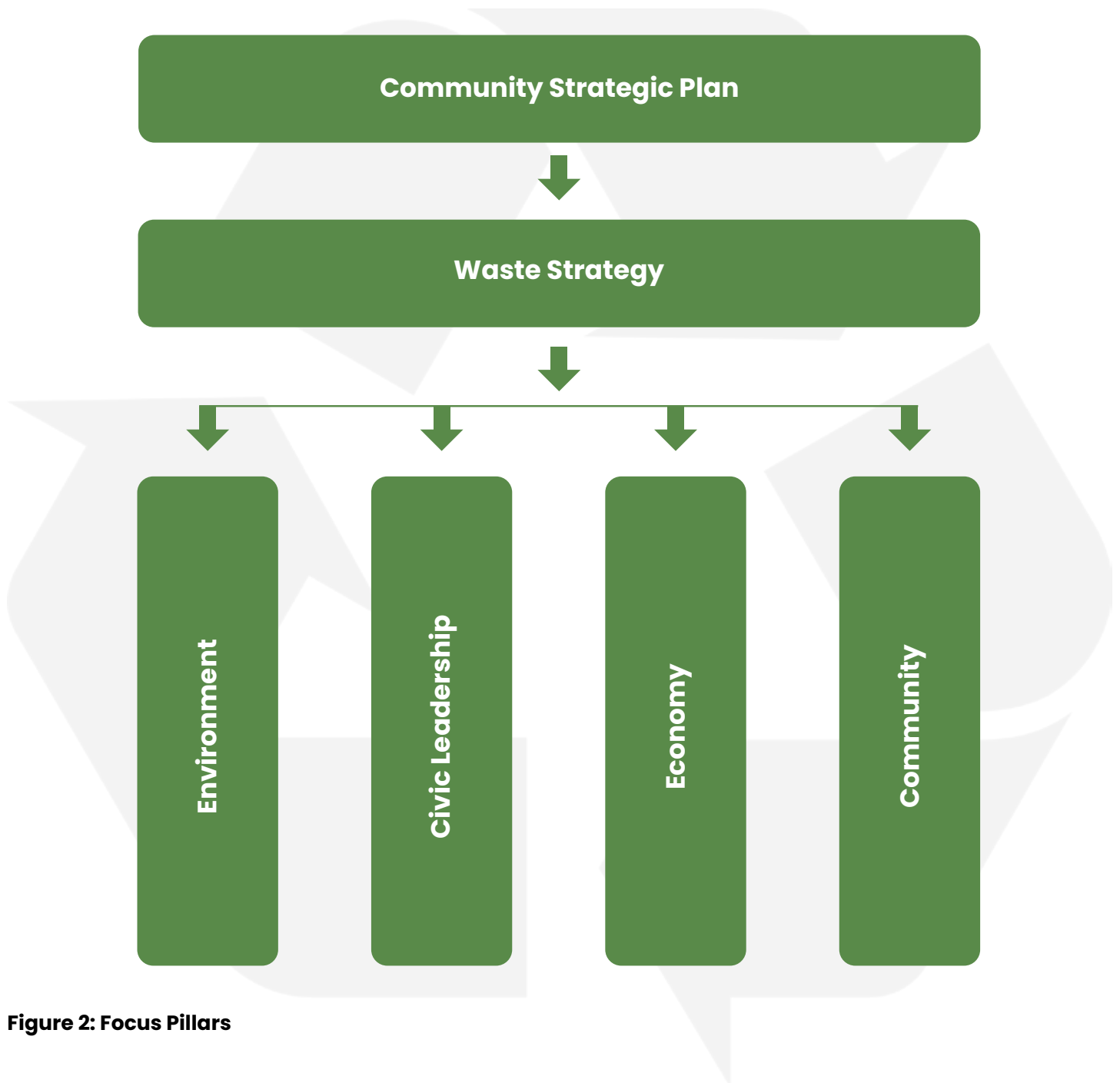


Figure 2: Focus Pillars

3. Priority Objectives

This Strategy aims to improve waste management in the region by targeting four priority objectives (Figure 3).



Figure 3: Priority Objectives

These objectives guide the direction of the Strategy and serve as the mechanism to deliver on the vision and our purpose. Each of the priority objectives is made up of expected outcomes that Council will aim to achieve (Table 2).

Table 2: Expected outcomes

Focus Pillar	Priority Objective	Expected Outcomes
Pillar 1: Environment	Reduce Waste to Landfill	<ul style="list-style-type: none">Minimised environmental and community impacts, and preserved resources;Extended landfill lifespan;Prioritised waste avoidance and improved resource recovery;Increased organics diversion; and,Improved diversion of business waste from landfill.
Pillar 2: Civic Leadership	Sustainable Waste Management	<ul style="list-style-type: none">Waste management delivers value to the community, including through regional collaboration;Supported investment with robust data and business cases; and,Programs funded and supported for longevity with adaptability for change.
Pillar 3: Economy	Regional Market Development and Circular Economy	<ul style="list-style-type: none">Strengthened local markets, fostering greater economic development and employment;Value-added resource recovery bringing market stability and diversity;Council and local industry collaboration on reuse and remanufacture; and,Acknowledgement of where Council has created more circular pathways for materials.
Pillar 4: Community	Bring the Community on the Journey	<ul style="list-style-type: none">Community support for the Strategy objectives and actions;Community engaged to support successful implementation; andCommunity approval (social license) for waste management developments.

4. Regional Profile

The Charters Towers LGA covers a land area of 68,580 km² (the land area of the State of Tasmania is 90,760 km² by comparison). As of 30 June 2023, Charters Towers had an estimated resident population of 12,013, and a population density of just 0.18 persons per km². Over the last 3 years, an average of 11,750 tonnes of waste is generated per annum in the LGA.

CTRC borders with the Tablelands Regional Council to the north and Barcaldine Regional Council to the south and is centred on the City of Charters Towers, 136km and an hour-and-a-half drive southwest of Townsville. The region is comprised of rugged, mountainous rainforest areas in the northeast and basalt strewn grasslands, to sandy desert plains in the southwest.

The population base has been relatively stable over the last five years, with an average annual growth rate of 0.1% and an average growth rate of -0.3% over ten years. The median age is 42.2 years which is slightly higher compared to the Regional Queensland average of 38.6 years.

4.1 Waste Management Overview

CTRC currently delivers three core waste services that include:

- Kerbside waste collection in Balfes Creek, Charters Towers, Greenvale, Hervey Range, Homestead, Mingela, Pentland, Ravenswood and Sellheim. A small number of households are serviced by Townsville City Council for efficiency.
- Street sweeping, and serviced rubbish bins in public places.
- Landfill operations at Charters Towers, Pentland, and Greenvale.

Approximately 4,450 of the total 6,200 households within the LGA receive kerbside waste bin collection services from Council, and of this 340 are commercial properties. The remainder of households are not serviced by a waste bin collection and they transport their waste to the landfills.

A kerbside recycling service has not been introduced for residents due to its lack of economic viability. The costs associated with operating a dedicated kerbside collection truck, managing an aggregation point or transfer station to consolidate materials, and transporting these to the nearest processing facility in Townsville are deemed an excessive financial burden on ratepayers. However, alternative strategies for diverting recyclable materials from landfill are outlined in the Action Plan (Section 5).

4.1.1 Charters Towers Landfill

The Charters Towers Landfill is the main landfill in our region, located 3km northwest of Charters Towers' city centre, and is designated as a Reserve for Local Government. The site is authorised for disposal of up to 20,000 tonnes of waste annually. Landfill operations are conducted by a private contractor under a three-year term, expiring in 2025. Contractor responsibilities include site supervision, overseeing weighbridge operations, administering and collecting waste disposal fees, recycling, and assistance in other site management activities in the Resource Recovery Area. All earthworks at the landfill are conducted by Council itself, which includes site development, compaction, design and maintenance of access roads and leachate and stormwater systems, waste coverage, and tip face maintenance.

Infrastructure and equipment at the landfill includes a weighbridge and office, a vehicle for compacting the waste (Traxcavator), a general shed, oil shed, compound fencing, a wash bay, gas monitoring wells, bore water monitoring holes, and a dangerous goods container.

4.1.2 Pentland Landfill

The Pentland Landfill, located about 1km southwest of Pentland, serves the township and its surrounding area, with an estimated population of 250. Designated as a Local Government Reserve, this site is operated and managed by Council Staff. The landfill does not accept food or other putrescible waste. Instead, residents are provided with wheelie bins for their household general waste, which are collected weekly and taken to the Charters Towers Landfill. For other types of waste, residents must transport it themselves to the Pentland Landfill.

4.1.3 Greenvale Landfill

The Greenvale Landfill, situated 3km west of Greenvale township, is owned and operated by the Charters Towers Regional Council. It caters to the waste management needs of Greenvale and its surrounding area, with an approximate population of 230. Due to its distance from Charters Towers city (~210km) the landfill accepts most waste types, including food and other putrescible waste, however, is limited to local businesses and residents. For this purpose, a dedicated garbage truck is stationed at the landfill to service Greenvale.

4.1.4 Ravenswood

Ravenswood does not currently have a landfill site and is transitioning to a new waste management system. In place of the landfill, Ravenswood Gold has introduced a transitional arrangement where skip bins are provided to cater to the waste management needs of Ravenswood. This current arrangement does not accept food or other putrescible waste. Instead, residents are provided with wheelie bins for their household general waste, which are collected weekly and taken to the Charters Towers Landfill.

Council is collaborating with Ravenswood Gold to establish a formal Waste Transfer Station in Ravenswood.

4.1.5 Hervey Range

Hervey Range residents receive regular garbage collection services, facilitated by Townsville City Council on behalf of Charters Towers Regional Council. Household waste is collected and transported to Townsville's landfill for disposal.

In addition to weekly garbage collection, residents are also provided with an annual bulk rubbish collection service. This allows for the disposal of large or non-regular waste items that are not handled during standard weekly collections.

4.2 Waste Composition – what's in your bin?

The last composition audit of the kerbside waste bins was conducted back in 2016 prior to the roll out of 'Containers for Change' in Charters Towers. The audit identified that nearly 70% of the material disposed of in general waste bins could be recovered or recycled. Figure 4 below shows the composition of the kerbside waste bins from all audited households categorised into four categories:

- Organics (i.e., food and garden organics);
- Non-recyclables (i.e., plastic bags, old clothes);
- Recyclables (i.e., drink cans, cardboard); and,
- Hazardous waste (i.e., batteries, clinical waste/sharps).

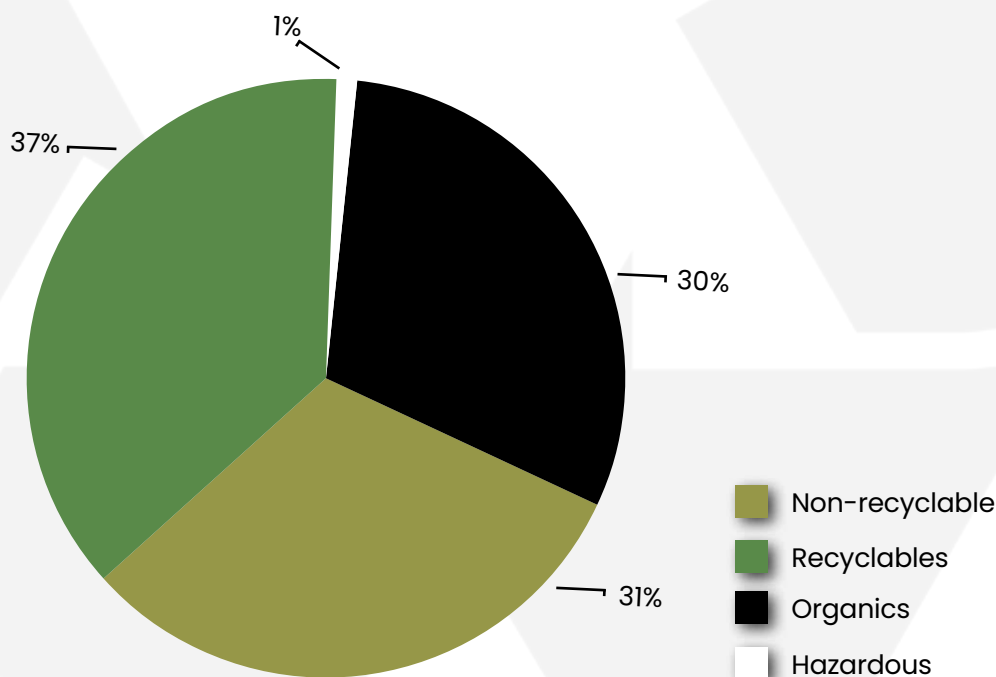


Figure 4: Kerbside bin waste composition by waste stream

The results from the audit highlight that Charters Towers has the potential to benefit from resource recovery activities, as there is significant proportion of the waste being sent to landfill which is suitable for reuse or recycling. This audit result is unlikely to have changed significantly since then, with only a relatively small percentage now going through the Containers for Change system.

Well over half of the waste that is currently put into the waste bin could be recovered. Charters Towers is in a good position to capitalise on this, recovering valuable resources and providing new services to the community.



4. Action Plan

This section details the actions we will take to achieve our objectives and ultimately our vision. Each action has been developed with a focus on meeting the four objectives effectively. Council's Operational Plan will incorporate the relevant actions for each year.

5.1 Environment Pillar 1

A core objective to drive better environmental outcomes is to **reduce the amount of waste we send to landfill**. Community engagement conducted as part of the development of this waste strategy found the majority of residents who participated in surveys expressed strong support for taking action towards environmental protection. Reducing waste to landfill is crucial as it conserves the health of our valuable land and minimises the environmental impact of waste disposal. Taking action to reduce the amount of waste we send to landfill can also preserve natural resources by encouraging recycling and the sustainable use of materials. By lowering the volume of waste in landfills, we protect the ecosystems that surround us and reduce pollution risks to soil and groundwater. Diverting materials for recovery before they are disposed of into landfill will require some investment in infrastructure prior to the landfill weighbidge.

Table 3: Strategic actions for reducing waste to landfill

#	Outcome	Action	Timeline			
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs	
1.1	Minimised environmental & community impacts, and preserved resources	Landfill operational improvements – environmental and community safety, including sound planning for aftercare and remediation.		✓	✓	✓
		Recover more materials before landfill via drop off and kerbside services, and promotion of existing services within the community.		✓	✓	✓
		Investigate the provision of compost bins to community.	✓			
1.2	Maximised landfill lifespan	Improve the compaction ratio of waste at the landfill to use remaining space at the landfill more efficiently.	✓	✓		
		Implement alternatives to current daily cover methods at the landfill to reduce the amount of space used up by cover materials.		✓	✓	✓
		Conduct a review of current landfilling methods to identify areas for further improvement.	✓			
1.3	Prioritised waste avoidance and improved resource recovery	Investigate an independent, formal landfill filling plan to extend landfill lifespan.		✓		
		Promotion and collaboration with the Containers for Change program in Charters Towers to divert more recyclables from landfill, including establishing a drop off point at Stubley Street landfill.	✓	✓	✓	
		Provide a free cardboard drop-off service for households.	✓	✓	✓	
		Investigate and expand the range of recyclable materials accepted for drop-off, using a cost/benefit hierarchy of materials which have the least impact on Council ratepayers first – e.g. cardboard, metals, accepted Containers for Change items, existing take-back scheme materials (mobiles, tyres, mattresses etc). Next consider organics and other materials, such as clothing, paints, white goods etc.	✓	✓	✓	✓
		Review the cost-benefit analysis of a kerbside recycling service periodically.		✓	✓	✓

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
1.4	Increased organics diversion	Investigate garden organics kerbside service.	✓	✓	
		Implement garden waste drop off incentives.	✓	✓	
1.5	Improved diversion of business waste from landfill	Implement garden waste drop off incentives.	✓	✓	
		Incentivise material separation at the landfill before crossing the weighbridge, including reviewing traffic flow management to assist with accessibility and ease.	✓	✓	✓

5.2 Civic Leadership Pillar 2

This civic leadership pillar conveys our commitment to **responsible resource management**, ensuring that our waste services not only meet today's needs but also adapt to future demands. During community engagement activities conducted by Council, the majority of survey respondents showed readiness to participate in new waste services, provided they are equitable, safe, and offered at cost-effective rates. A core objective to drive civic leadership is to increase the efficiency of waste management activities and ensure their sustainable operation and therefore value to our community. This approach helps minimise the financial burden to both Council and the community. Robust financial planning and project delivery is crucial for success.

Table 4: Strategic actions for sustainable waste management

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
2.1	Waste management delivers value to the community including through regional collaboration	Review both current landfill gate fees and waste related utility charges for value and sustainably.	✓	✓	✓
		Rationalise landfill and transfer stations.	✓	✓	
		Maximise landfill diversion to reduce waste levy expense.	✓	✓	✓
		Participate in regional programs and commitments to deliver local benefits.	✓	✓	✓
		Ensure financial provisions are updated to reflect current operations and long term implications of managing all waste assets.	✓	✓	✓
2.2	Supported investment with robust data and business cases	Develop robust business cases for more recycling options and organics kerbside collection service.	✓	✓	✓
		Improve waste data collection and accuracy to support informed decision making.	✓	✓	✓
		Advocate for an increase to the Containers for Change rebate to support recycling.	✓	✓	✓

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
2.3	Programs funded and supported for longevity with adaptability for change	Continue advocacy for grant funding from State, Federal and other bodies.	✓	✓	✓
		Waste related programs to deliver strategy outcomes are prioritised over the long term.	✓	✓	✓
		Education and awareness initiatives for Council staff on the impact of waste generation, and the need to avoid waste across all departments.	✓	✓	

5.3 Economy Pillar 3

Regional market development of materials and a circular economy mindset can assist in driving local economic growth, creating jobs, and fostering resilience in rural communities. Community engagement survey participants showed concerns about the costs of waste services. Their requests for improvements included better recycling options/services, and more drop-off locations. Therefore, it is important that we see waste as resources, and waste management infrastructure as assets. By focusing on ways to recover resources and rethinking our idea of 'waste', we can grow and diversify the economic opportunities in our region.

Table 5: Strategic actions for regional market development and circular economy

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
3.1	Strengthened local markets, fostering greater economic development and employment	Investigate the economics of cardboard recycling.	✓		
		Advocate for an increase to Containers for Change rebates.	✓	✓	✓
		Develop a local composting processing facility (if an organics collection service is rolled out in Charters Towers), creating local jobs.	✓	✓	
3.2	Value-added resource recovery bringing market stability and diversity	Discourage cardboard from entering the landfill by providing local opportunities for aggregation and economic transport to processing facilities.	✓	✓	
		Discouraging organics from entering the landfill by offering a local processing facility.		✓	
		Offer free drop-off for recyclables which generates sufficient volumes for economically viable market opportunities.	✓	✓	
3.3	Council & local industry collaboration on reuse and remanufacture	Investigate and where possible implement additional 'differential' gate fees to encourage recovery of resources over landfilling, and creating a supply of materials for processing, fostering local employment opportunities.	✓	✓	✓
		Council to work with local industry and business groups to identify opportunities for local material reuse and remanufacture in the region, focusing on high volume or large quantity materials first.	✓	✓	✓

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
3.4	Acknowledgement of where Council has created more circular pathways for materials	Council to promote frequently to community, via all media outlets, all of the opportunities to keep their resources in circulation in the economy.	✓	✓	✓

5.4 Community Pillar 4

Bringing the **community along the journey** means creating a strategy that addresses our local needs. Community engagement participant's feedback indicated that there are some misconceptions amongst residents about the costs which Council incur to safely and appropriately manage the waste generated by residents and by Council activities. Fostering trust and transparency amongst community and Council benefits everyone. Therefore, this Strategy encourages ongoing engagement and keeping all of residents informed and invested in waste management; clear communication is key to pursuing better outcomes for our community. Having the needs of the community met and ongoing collaboration between all is key to success in the long term.

Table 6: Strategic actions to bring the community on the journey

#	Outcome	Action	Timeline		
			Now - 2 Yrs	2 - 5 Yrs	6 - 10 Yrs
4.1	Community supports the Strategy objectives and actions	Consult community on key elements and act on feedback: <ul style="list-style-type: none"> landfill charges or utility charges increases for additional services (e.g. green waste service, cardboard drop off); long term protection of land and environment; and, conversion of rural landfills to transfer stations. 	✓	✓	✓
4.2	Community engaged to support successful implementation	Ongoing engagement through promotion of services and roll out of new services.	✓	✓	✓
		Regular education and awareness raising activities for the community to support successful outcomes for reuse and recovery services.	✓	✓	✓
		Annual community engagement surveys and accountability for actions.	✓	✓	✓
4.3	Community approval (social license) for waste management developments	Seek support via community consultation.	✓	✓	✓

6. Regional Alignment on Waste Management

This Strategy aligns with commitments that Charters Towers Regional Council has made as a member of the North Queensland Regional Organisation of Councils (NQROC). The objectives and actions of this Strategy were implemented with consideration of the actions Council committed to as part of NQROC, within the Regional Waste and Resource Recovery Management Plan (Table 7).

Table 7: CTRC Waste Strategy Regional Alignment with NQROC

Regional Commitments		
Continuation of self-haul green waste receipt and processing	Develop business case / Plans for enhancements to transfer facilities to better segregate self-haul recyclables and household hazardous materials	Regional collaboration
Construct and commission new transfer facilities	Develop long-term solutions for regional infrastructure considering existing capacity needs, including business case for regional residual waste management	Collaborate on regional solutions for finding highest value market for green waste across region
Develop short-term landfill life expansion activities		
Construct and commission short-term options as necessary		
Environment	Civic Leadership	Economy, Community
Charters Towers Waste Strategy Aligning Pillars		

7. Monitoring & Evaluation

To track our progress towards achieving the outcomes of this Strategy, we will monitor and evaluate activities against a series of performance indicators, measuring our progress towards the Strategy goals. The indicators will provide ongoing assessment, identify areas for improvement, and help to support the continued improvement of waste management practices in our region.

A formal mid-point review of the Strategy progress will be undertaken in 2030, with appropriate revisions being made to realign with new government policies or mandates. At this mid-point, further consideration and assessment will be given specifically to the remaining landfill capacity available. In 2024 the remaining landfill capacity was expected to be absorbed by 2038 to 2040, however, this assessment excluded any increase in activities which diverted material away from landfill, which would increase the landfill lifespan further.

Table 8: Pillar 1: Environment Pillar Monitoring & Evaluation

Num-ber	Outcome	Performance Indicators
1.1	Minimised environmental and community impacts, and preserved resources	Number of landfill operational improvements successfully implemented.
		Volume/weight of materials recovered.
		Proportion of residents provided with composting bins.
1.2	Maximise landfill lifespan	Compaction ratio achieved. Recording and comparing compaction ratios over time.
		Reduction in volume of cover at landfill.
		Perform an annual assessment / survey of the remaining landfill capacity to inform optimum landfill filling planning.
1.3	Prioritised waste avoidance and improved resource recovery	Community participation rates in the Containers for Change program. Volume/weight of recyclables diverted through Containers for Change.
		Volume/weight of cardboard dropped off by households.
		Volume/weight of recyclable materials dropped off.
		Result of cost-effectiveness analysis of recycling service and change in result since the last review.
1.4	Increased organics diversion	Proportion of the amount of organic waste found in garden organics bins vs. amount found in general waste bins.
		Volume/weight of garden waste diverted through drop-off.
1.5	Improved diversion of business waste from landfill	Volume/weight of cardboard dropped off by businesses.
		Volume/weight of materials recovered by businesses before crossing weighbridge.

Table 9: Pillar 2: Civic Leadership Pillar Monitoring & Evaluation

Number	Outcome	Performance Indicators
2.1	Waste management delivers value to the community including through regional collaboration	Frequency of review of current landfill gate fees conducted.
		Frequency of waste related utility charge reviews conducted.
		Rationalisation review of landfill and transfer station conducted.
		Volume/weight of waste diverted from landfill. Amount of waste levy expenses saved.

Number	Outcome	Performance Indicators
2.2	Supported investment with robust data and business cases	Business case for greater recycling options conducted. Business case for kerbside organics service conducted.
		Robust and reliable waste data is more readily available. Amount of increase in Containers for Change rebate value.
2.3	Programs funded and supported for longevity with adaptability for change.	Amount of grant funding received.
		Volume/weight of waste generated by council diverted from landfill.

Table 10: Pillar 3: Economy Pillar Monitoring & Evaluation

Number	Outcome	Performance Indicators
3.1	Strengthened local markets, fostering greater economic development and employment	Completion of economic analysis for cardboard recycling.
		Amount of increase in Containers for Change rebate value.
		Volume/weight of compost produced locally.
3.2	Value-added resource recovery bringing market stability and diversity	Volume/weight of cardboard recycled.
		Volume/weight of organics processed locally.
		Volume/weight of recyclables dropped off.
		Volume/weight of waste brought to landfill by households and businesses.
3.3	Council and local industry collaboration on reuse and remanufacture	Number of meetings and workshops held identifying and progressing new opportunities.
3.4	Acknowledgement of where council impacts on more circular pathways for materials	Number of promotional activities made and level of community interaction.

Table 11: Pillar 4: Community Pillar Monitoring & Evaluation

Number	Outcome	Performance Indicators
4.1	Community supports strategy objectives and actions	<ul style="list-style-type: none"> Frequency of community consultations. Participation rate of community consultations/surveys. Community awareness of service changes (e.g., from a survey). Level of community support for new waste management projects. Community sentiment regarding developments (e.g., from a survey).
4.2	Community engaged to support successful implementation	
4.3	Community approval (social license) for waste management developments	



CHARTERS TOWERS
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Waste Management Strategy

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