



maitland

city council

WASTE SERVICES MANAGEMENT PLAN 2023 - 2026

GOING CIRCULAR WITH WASTE



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PLAN OVERVIEW

Council, in its Local Strategic Planning Statement Maitland 2040+ has committed to a review of the Maitland Integrated Resource Recovery and Waste Management Strategy 2005 and other waste and recycling initiatives as a part of the proposed Environmental Sustainability Strategy.

This plan outlines the results of a review of the Integrated Recovery and Waste Management Strategy 2005, including an assessment of current federal and state waste and resource recovery targets, community support for those targets and service delivery options to achieve the targets. The plan also includes service delivery priorities set out in the Delivery Program and Operational Plan.

The Waste Services Management Plan outlines:

- A review of waste services.
- Results of community consultation regarding proposed waste services.
- An action plan for improvements to waste services in Maitland over the next 3 years.

LINK TO ENVIRONMENTAL SUSTAINABILITY STRATEGY

This plan links to the draft Environmental Sustainability Strategy (ESS), which outlines Council's strategic direction in relation to waste management.

The ESS aims to achieve a shift towards a circular economy for waste management at Maitland where:

- resources are conserved
- resource management services are provided efficiently
- materials are chosen and services delivered to avoid waste
- value of materials is maximised

Targets from the ESS:

- Divert 80% of domestic waste from landfill by 2030 (4.1)
- Use more recycled products (4.2)
- Reduce illegal dumping (4.3)

BACKGROUND

Resource management in NSW has experienced significant shifts in focus over the last 30 years with corresponding shifts in approaches. Until the early 1990s waste was managed to protect human health and hence landfills were the main approach to waste management.

By the mid 1990s environmental sustainability began to emerge as a driver for development and the focus of waste management shifted to embrace the protection of the environment and the concept of conserving finite resources as a priority, which led to the adoption of a variety of recycling programs.

The depleting landfill capacity particularly in the Sydney Metropolitan Area was a catalyst for adoption of waste legislation and strategies to minimise the environmental impacts of waste by extending recycling.

During the past 20 years, much of the recyclables collected in Australia was being exported for processing. The Chinese Sword Policy came into force in 2018. This closed a major export market for many recyclables through the enforcement of strict contamination limits that were not able to be met by Australia's existing recycling infrastructure.

The Federal Government's export bans on glass, plastics, paper, and tyres also resulted in another major shift in attitudes and a growing desire to manage resources within Australia and ensure that they are recycled and circulated within our own economy.

This decision recognised the need to build resilience in recycling by managing our waste materials at home and provided momentum for the creation of a Circular Economy that values resources by keeping products and materials in use for as long as possible.



OBJECTIVES AND TARGETS

NATIONAL AND STATE TARGETS

All levels of government, national, state and local, guide waste and resource management in Australia through legislation, strategies and policies. Table 1 outlines the national and NSW state waste targets set through the National Waste Policy 2018 and NSW Waste and Sustainable Materials Strategy 2041 respectively. These targets have been set to provide consistency, and drive improvement in waste management and resource recovery. Maitland City Council is required to consider these targets in planning for future waste services.

TABLE 1 – NATIONAL AND STATE WASTE TARGETS

THEME	NATIONAL WASTE POLICY 2018 AND ACTION PLAN (2030 TARGETS)	NSW WASTE & SUSTAINABLE MATERIALS STRATEGY 2041 (2030 TARGETS)
Avoid generation of waste	<ul style="list-style-type: none">Reduce waste generated by 10% per person	<ul style="list-style-type: none">Reduce total waste generated by 10% per person
Improve resource recovery	<ul style="list-style-type: none">80% resource recovery for all waste streamsHalve organic waste to landfill	<ul style="list-style-type: none">80% average recovery rate from all waste streamsHalve organic waste to landfillTriple the plastics recycling rate
Recycled material use	<ul style="list-style-type: none">Ban export of plastic, paper, glass and tyres in 2020Significantly increase use of recycled material	<ul style="list-style-type: none">Significantly increase the use of recycled content by governments and industry
Problem wastes	<ul style="list-style-type: none">Phase out unnecessary and problematic plastics by 2025	<ul style="list-style-type: none">Phase out problematic and unnecessary plastics by 2025
Litter and illegal dumping		<ul style="list-style-type: none">Reduce litter by 60% by 2030 and plastics litter by 30% by 2025

OUR TARGETS

Targets from the draft Environmental Sustainability Strategy relating to waste management are:

- Divert 80% of domestic waste from landfill by 2030 (4.1)
- Use more recycled products (4.2)
- Reduce illegal dumping (4.3)

OUR MISSION

To provide an environmentally sustainable waste service to the Maitland community that reduces waste to landfill and embraces efficient customer focused solutions.

OUR OBJECTIVES

The objectives of the plan are to:

- Provide efficient waste services that meet the community's needs

- Ensure residents have long-term access to a resource management facility in the Council area
- Encourage the community to change waste behaviours to reduce the generation of waste
- Improve resource recovery and divert materials from landfill
- Promote innovation and support a circular economy
- Reduce impacts of illegal dumping and litter
- Provide services to manage problem and emerging waste streams.

WHAT DOES OUR COMMUNITY WANT?

A community environmental attitudes survey undertaken in mid-2022 identified improved waste management and recycling as a top environmental priority for Maitland residents. Results further indicated 89% of respondents were supportive or very supportive of Council providing additional recycling, composting, and other resource recovery services to enable 80% of household waste to be diverted from landfill, in line with National and NSW State Government targets.

Further community consultation was conducted across November and December 2022 with a specific focus on waste related issues. The consultation included a phone survey of 500 residents selected to provide a representative sample of the community and an 'opt-in' online survey which attracted 2,338 responses from the community.

The results of the phone and online surveys reinforce the support of the Maitland community in providing additional recycling, composting, and other services to reach the target of 80% of household waste being diverted from landfill, with 80% and 73% respectively being supportive or very supportive.

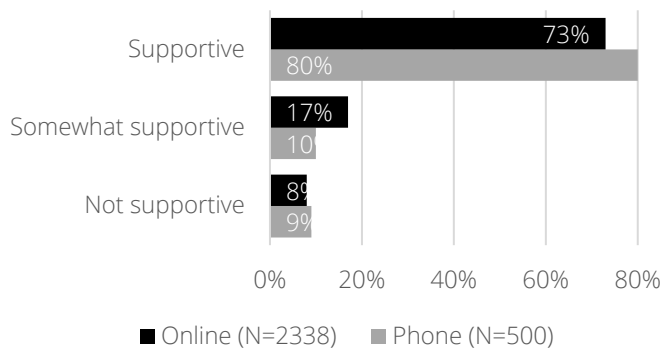


FIGURE 1 - RESULTS FOR SUPPORT OF ADDITIONAL WASTE DIVERSION

The community indicated strong support for the diversion of food organics from landfill via the inclusion in the organics bin, with 79% of the respondents of the phone survey being supportive or very supportive and an additional 11% being somewhat supportive.

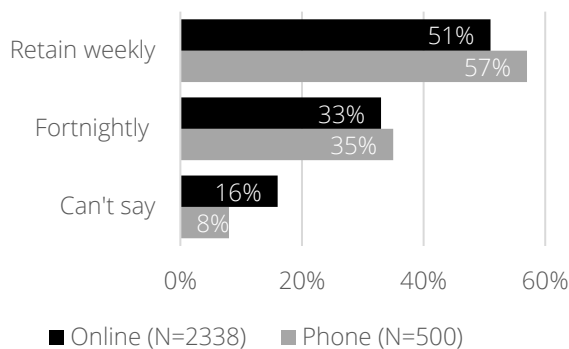


FIGURE 2 - RESULTS FOR PREFERENCE FOR GENERAL WASTE COLLECTION

The community indicated a slight preference for retaining weekly general waste collection services, with 51 – 57%, while 33 – 35% indicated a preference for fortnightly collections once food is diverted to the organics bin. The preference to retain a weekly general waste collection was significantly higher for respondents that reported an overflowing bin than those with a bin less than half full (88% versus 33%). While 69% of respondents that had a quarter full bin would prefer a fortnightly collection.

Over 80% of respondents indicated support for retaining a voucher system, with 77% supporting the option of two smaller vouchers. Of the 32% of respondents that had never used a voucher or had used it over 12 months ago, almost half indicated that they did not have a car or trailer suitable to carry waste.

Over 50% of the community supported the introduction of a bulky waste collection for an additional charge of \$45, with another 13% somewhat supportive. There was strong support for all mattress disposal options, which included collection from the kerb, disposal as part of the waste voucher or continuing mattress musters.

When asked about hazardous and problem waste services over half of the community were not aware of the Chemical CleanOut program and almost a third were not aware of the Community Recycling Centre and what materials could be accepted. When asked about the recommended frequency of Chemical CleanOut events, 75% indicated that Council should run the events once or twice a year.



WHERE WE ARE TODAY

CURRENT SERVICES

Kerbside Collection Services

Approximately 35,000 domestic properties have:

- 240 litre general waste bin – serviced weekly
- 240 litre recycling bin (option to upsize to 360 litre) – serviced fortnightly
- 240 litre garden organics bin – serviced fortnightly

General waste is landfilled at the Maitland Resource Recovery Facility. Kerbside recyclables are transported to a Materials Recovery Facility for sorting before being sold to recycling processing businesses.

Garden organics are processed at a composting facility at Tea Gardens into a variety of products and are used by gardeners, landscapers, farmers or councils.

Maitland Resource Recovery Facility

Our waste facility, recently renamed the Maitland Resource Recovery Facility (MRRF), is owned and operated by Council. The MRRF is located at 109 Mt Vincent Rd, East Maitland and has been operating since 1993. It is permitted to accept Solid Waste (putrescible and non-putrescible) and asbestos for landfilling. Its operations are licenced by the NSW EPA (Environment Protection Authority).

Approximately 40,000 tonnes of mixed waste, including material from the general waste collection will be landfilled at the site this year. The site also provides drop off locations for a range of recyclables including metal items, white goods, mattresses, tyres, electronic waste, concrete and bricks, vegetation and general recyclables.

Problem waste such as paint, batteries, oil, fluorescent lights, smoke detectors and gas bottles can also be dropped off for recycling at the Community Recycling Centre (CRC).

Other Services

One waste voucher per household for up to 400kg of waste disposal is funded from the Domestic Waste Management Charge (DMWC).

Mattress Muster events have been held since 2014, and have been held in several locations with different formats due to operational issues resulting from the large number of participants.



FIGURE 3 – MAITLAND WASTE STATISTICS

Household Chemical CleanOut is a free service funded by the NSW government, which is held on specific dates across NSW. The CleanOut events allow residents to safely dispose of household chemicals that could cause harm to human health and the environment if not disposed of correctly. Two events are held in Maitland each financial year.



On average 60-70% of materials taken to Household Chemical CleanOut events are core problem wastes (paint, oil, batteries) which are accepted for free at the CRC.

Council provides a range of complimentary waste management services including illegal dumping programs, education workshops, pre-school and school-based education programs, sharps disposal locations and a Recycle Smart trial.

WASTE DATA

In 2021-22, a total of 25,987 tonnes of general waste was collected from the kerbside.

The average composition by weight of waste in a Maitland resident's general waste bin is shown in Figure 4.

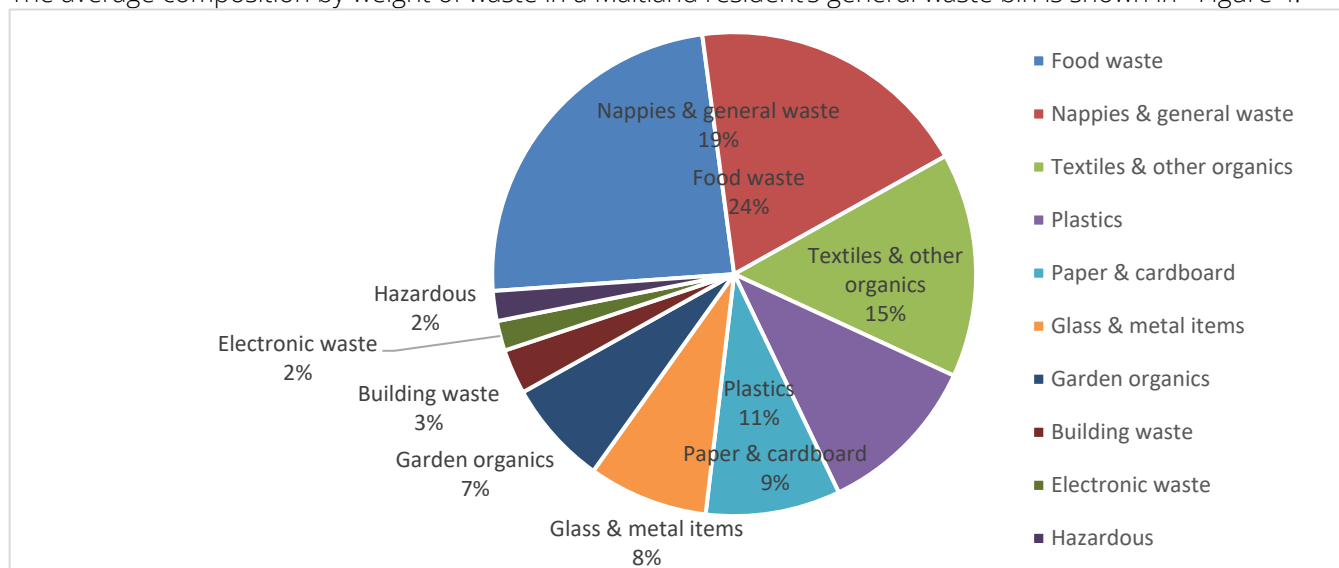


FIGURE 4 – GENERAL WASTE BIN COMPOSITION (2020 BIN AUDIT RESULTS BY WEIGHT)

Kerbside recycling was 5,462 tonnes and kerbside garden organics was 12,153 tonnes for the 2021-22 financial year.

During 2021-22, a total of 18,326 tonnes of waste was received at the waste facility. This did not include the general waste kerbside collection which was disposed of at Summerhill during 2021-22. 3,276 tonnes of material was exported off-site for recycling and resource recovery, including 83 tonnes of problem waste.

An audit of materials at the tip face conducted in 2020 indicates that recyclable materials are regularly disposed of at the tip face, and opportunities for improved resource recovery are available.

By weight, the materials deposited at the tip face are timber (33%) and inert material (16%, which makes up 49%, or almost half of all waste deposited at the tip face). The next largest material categories are vegetation (6%), plastic (5%), cardboard/paper (5%), bagged waste (4%), metals (4%), and hazardous waste (2%).

Approximately 41% of waste vouchers were used during 2021-22 and accounted for a total of 3,087 tonnes of mixed waste and 291 tonnes of garden vegetation. This is an average of 230 kg per voucher.

The Mattress Muster program has resulted in 18,025 mattresses being collected over 24 days since October 2014. An average of 2,002 mattresses are recycled through the program each financial year.

COST OF WASTE MANAGEMENT

To recover the cost of domestic waste management services, councils levy domestic waste management charges (separate to general rates) on their residential ratepayers. Domestic waste management charges are the price paid for household waste services on a 'user-pays' basis.

A breakdown of the DWMC for the 2023-24 financial year for the Maitland Local Government Area is provided in Figure 5 below. As shown in Figure 5, the charge is made up of costs for each of the key services, with general waste kerbside collection responsible for around 50% of the fee, due to operating expenses for collection and landfilling of general



waste, as well as the landfill levy. The landfill levy for 2022-23 is \$151.60 per tonne of waste landfilled, payable to the NSW EPA by landfills within the NSW Metropolitan Levy Area.

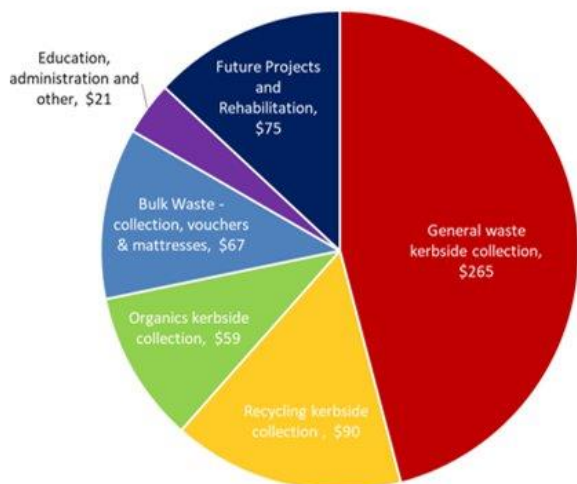


FIGURE 5 - BREAKDOWN OF DOMESTIC WASTE MANAGEMENT CHARGE 2023-24

HOW ARE WE TRACKING AGAINST OUR TARGETS?

Maitland currently achieves a 38% diversion of domestic waste from landfill. Diversion of domestic waste from landfill over the last 20 years has increased because of service improvements in the form of the introduction of the yellow-lidded bin for the collection of recyclables in 1996-97 and introduction of the green-lidded bin for the collection of garden organics in 2016-17. The resultant increase in resource recovery is shown in Figure 6.

Maitland’s current domestic waste diversion performance is significantly below the 2030 target, and slightly below the state average of 43%.

Current diversion rates for waste brought to the waste facility by self-haul customers is estimated at 32%.

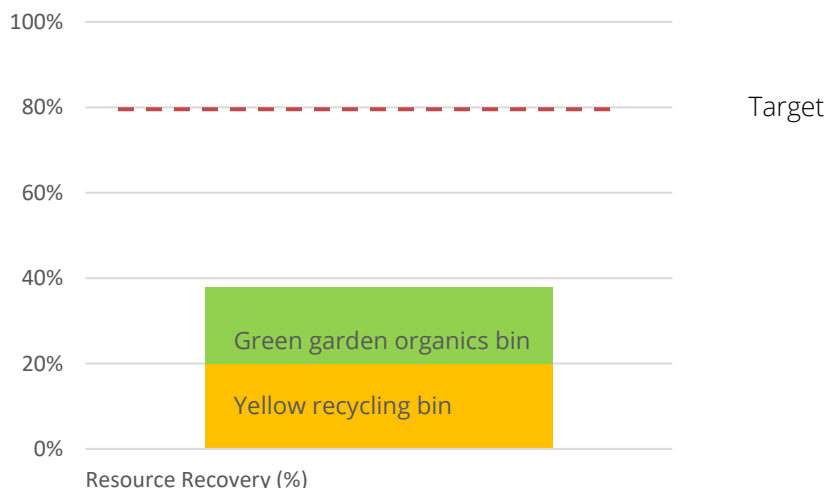


FIGURE 6 - RESOURCE RECOVERY ACHIEVED TO DATE





HOW CAN WE MEET OUR TARGETS?

A review of Council's waste services has been undertaken to identify how Council and the community can move towards key national and state targets, including a resource recovery rate of 80% from domestic waste by 2030.

Two significant issues that need to be considered when planning for waste management services and our ability to meet the targets include population growth and the changing density of the population.

The City of Maitland is one of the fastest growing local government areas in NSW with an anticipated annual population growth rate of 3.3%. Based on historic data, waste generation is expected to grow at 3% per annum. This increase in waste generation will pose challenges for waste management into the future.

Currently most residents live in single dwellings with only 10% multi-unit dwellings (MUDs) in the area. This is anticipated to increase as population grows and will provide challenges for waste collection and recycling as greater flexibility is required regarding bin types, sizes and/or collection frequency.

COMMUNITY EDUCATION

The kerbside bin audit in 2020 indicates that 23% of waste in the general waste bin was placed in the wrong bin. This included 16% of accepted kerbside recycling items and 7% of garden organics.

There are several other opportunities for reduction of waste to landfill, particularly soft plastics, textiles, and electronic waste.

The provision of appropriate collection services and accompanying education to support households to reduce waste sent to landfill via the general waste (red-lidded) bin is a critical factor in ensuring diversion is achieved over time. Capture and recycling of these materials will progress Maitland towards the 2030 target.

FOOD AND GARDEN ORGANICS

Council's 14-year contracts for collection and processing of the organics (green lidded) bin is scheduled to accept food organics and garden organics (FOGO) from June 2025. The inclusion of food in the organics bin will shift the servicing of the 240 litre bin to weekly.

The most recent kerbside bin audit identified 24% of the contents of the general waste bin by weight was food waste. The introduction of food waste into the kerbside organics bin will assist in the diversion of food waste from landfill and could increase our resource recovery rate by approximately 12%.

Councils are required to implement food and garden waste collection services to all NSW households under the NSW Waste and Sustainable Materials Strategy 2041. Weekly FOGO collections are currently provided by 34 other NSW regional Councils.

Currently, 53% of NSW Councils with FOGO systems provide free compostable liners to their residents. A recent cost-benefit analysis conducted regarding the use of kitchen caddy liners in FOGO systems indicated that liner usage increased food capture rate and reduced contamination, resulting in an overall cost saving for councils.

GENERAL WASTE COLLECTION

Based on the experience of Councils which have already implemented FOGO services, successful capture of food organics requires behaviour change so that residents are putting all food and garden organics in the organics bin rather than the general waste (red-lidded) bin.

NSW EPA data from 34 regional Councils who have implemented a FOGO service indicates that by changing the size of the general waste bin and/or the frequency of collection, Councils can improve the rate at which food is placed into the organics bin. The results of the EPA review, displayed in Figure 7, show that smaller bin size and fortnightly collection of the red bin increases the rate of food being diverted to the organics bin.

RECOVERY OPTIONS AT MAITLAND RESOURCE RECOVERY FACILITY

A materials review and market scan and an options analysis has been prepared to inform the business case for the upgrade of Maitland Resource Recovery Facility. These advise on additional resource recovery opportunities within the general waste streams and at the waste facility. Recycling rates are constrained by available end markets for use of recycled materials.

Site equipment and process upgrades that can be used to improve resource recovery rates in the short term are progressing, and longer-term solutions and planning are included in the site upgrade project scope.

Initial machinery and processes to be implemented as part of Stage 1 upgrades are anticipated to increase resource recovery of self-haul waste by approximately 9%.

A proposed processing plant to be included in the Stage 3 upgrade is anticipated to divert an additional 31% of self-hauled mixed waste from landfill.

MANAGEMENT OF RESIDUAL WASTE

Our landfill will reach full capacity in less than ten years based on current waste quantities received. Several studies have established that there is no land within the local government area suitable for construction of another landfill.

Stage 3 of the Maitland Resource Recovery Facility must be upgraded to allow transport of waste and resources to third party disposal or processing facilities. To reach the 80% target it is likely that residual waste will require processing as refuse derived fuel (RDF) or be transported to an energy from waste facility. State government policy and end-use markets will play a significant role in available options. The development of a RDF processing plant is anticipated to divert an additional 42% of self-haul mixed waste and approximately 20% of domestic general waste.

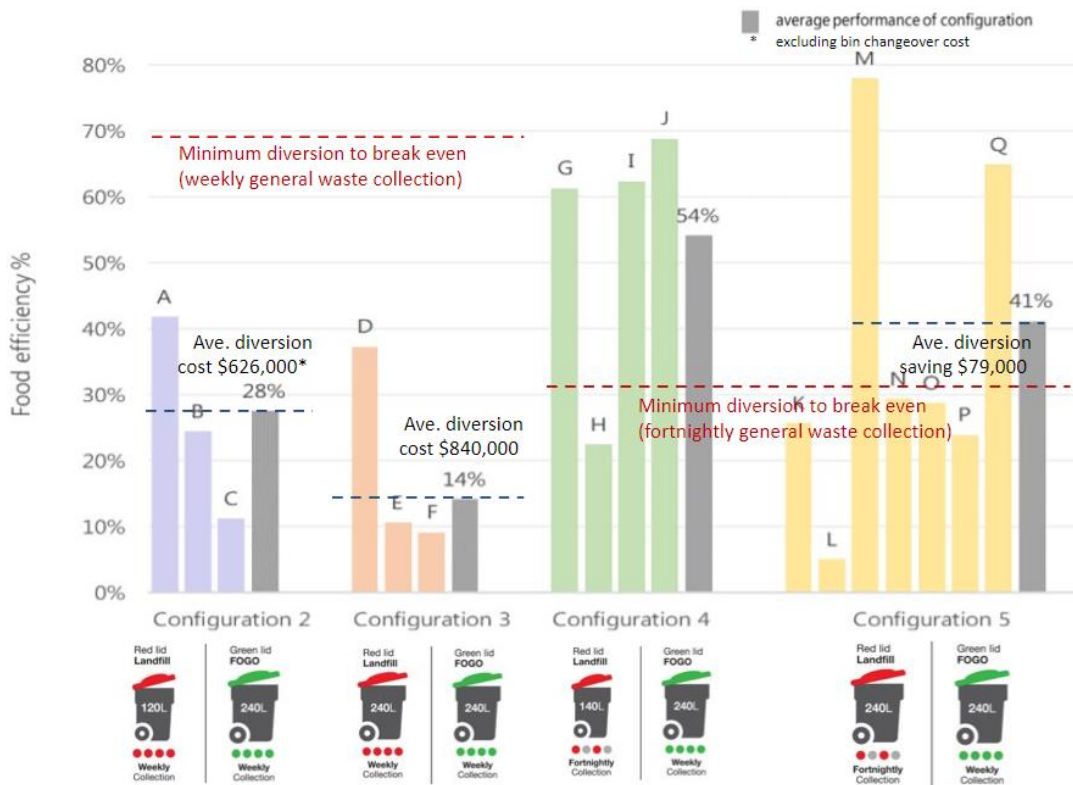


FIGURE 7 - DIVERSION ACHIEVED BY BIN CONFIGURATION (SOURCE: EPA, 2020)

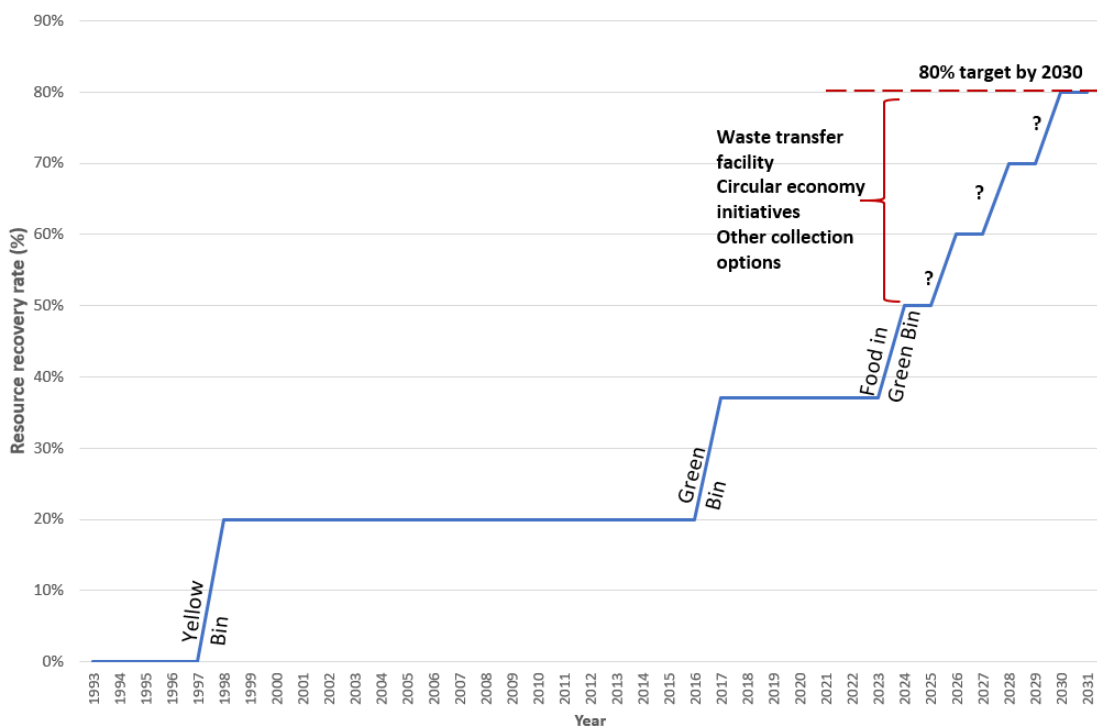


FIGURE 8 - RESOURCE RECOVERY ACHIEVED AND REQUIRED TO MEET TARGET





PROPOSED FUTURE SERVICES

BULKY WASTE SERVICE

Council has committed to implementation of a bulky waste collection and retaining a voucher system.

To ensure the greatest accessibility and flexibility for residents the bulky waste service will include options where residents can choose two (2) services per year that can consist of either a bulky waste collection from the kerb or a waste voucher for waste to be taken to the waste facility.

The option of bulky waste collection will provide accessibility for residents with limited or no access to a suitable vehicle or trailer or for elderly and disabled residents who are physically unable to load and self-haul their waste. While the self-haul option would assist residents in disposing of bulky waste quickly and at their convenience. A self-haul option further provides the opportunity for the separation and disposal of additional items which are not accepted in the bulk waste collection, such as soil and problem wastes.

The incorporation of a choice of bulky waste collection(s) and/or self-haul voucher(s) provides flexibility for households to dispose of bulky waste at a time and manner that suits individual needs.

This service will include provisions for up to two mattresses per collection or voucher. This will replace the previous Mattress Muster program. While Mattress Musters have been highly successful, they have become challenging to manage operationally, and this modified service for mattresses will improve access and equity of the service.

KERBSIDE COLLECTION SERVICES

The configuration of kerbside collection bin sizes and collection frequency play a significant role in the diversion of waste from landfill.

With the commencement of the food organics collection service in June 2025 it is proposed to retain the current general waste bin configuration with options for residents to reduce their bin size and/or frequency for a discount on their DWMC.

In addition, it is proposed to include 360 litre recycling bin as a standard part of the domestic waste package with no additional charge.

COST OF PROPOSED SERVICE CONFIGURATIONS

The DWMC changes over time according to changes in operational requirements and strategic direction. Upper and lower estimates of the DWMC for the 2024-25 financial year have been prepared based on the range of options available to Council at this time. The full package of service options must be considered together to enable any cost increases to be kept to a minimum. Important cost variables include:

- increases in contract rates, labour, materials, fuel
- annual increase in the NSW state government waste levy
- cost reduction associated with tonnages diverted from landfill to recycling or composting
- cost increases associated with bringing on new services such as a kerbside bulky waste collection
- ongoing landfill monitoring, maintenance and rehabilitation requirements for current and legacy landfills.

Diverting waste from landfill is an important way to reduce the costs of managing waste, due to the NSW landfill levy, which is paid to the state government for every tonne of waste landfilled. The anticipated DWMC for three different general waste collection scenarios are shown in Figure 9. Community consultation was undertaken to ensure an appropriate balance between service delivery expectations and costs to residents.

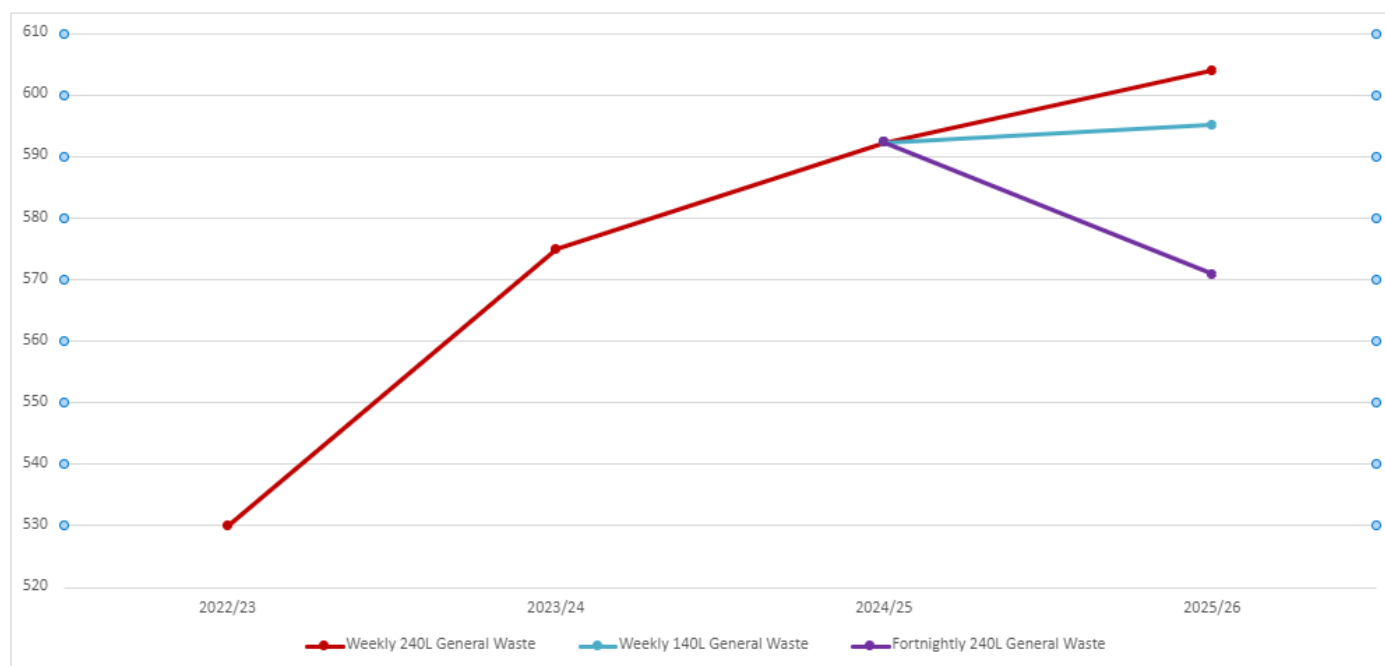


FIGURE 9. PROJECTED DWMC BASED ON THREE EXAMPLE SERVICE SCENARIOS



TABLE 2 – KEY WASTE SERVICES AND CHANGES

WASTE SERVICES			
2022/23	2023/24	2024/25	2025/26
One hard copy voucher for up to 400kg of waste	Option for up to two digital vouchers as part of Bulky Waste Service – up to 250kg per voucher	Option for up to two digital vouchers as part of Bulky Waste Service – up to 250kg per voucher	Option for up to two digital vouchers as part of Bulky Waste Service – up to 250kg per voucher
Commence collection component of Bulky Waste Service on 5 June 2023	Option for up to two bulky waste collections as part of Bulky Waste Service – up to 2 cubic meters	Option for up to two bulky waste collections as part of Bulky Waste Service – up to 2 cubic meters	Option for up to two bulky waste collections as part of Bulky Waste Service – up to 2 cubic meters
Mattress Musters at set events to drop off mattresses	Mattresses included in Bulky Waste Service – two mattresses per service	Mattresses included in Bulky Waste Service – two mattresses per service	Mattresses included in Bulky Waste Service – two mattresses per service
Stage 1 Resource Recovery Facility constructed	Stage 1 Resource Recovery Facility open to public with increase waste streams for recycling and improved customer experience	Stage 3 Resource Recovery Facility constructed	Stage 3 Resource Recovery Facility commissioned
Fortnightly 240L garden organics	Fortnightly 240L garden organics	Fortnightly 240L garden organics	Weekly 240L food and garden organics
Weekly 240L general waste	Weekly 240L general waste	Weekly 240L general waste	Weekly 240L general waste with option of 140L or fortnightly collection
Fortnightly 240L recycling (with 360L option)	Fortnightly 240L recycling (with 360L option)	Fortnightly 240L recycling (with 360L option)	Proposed fortnightly 360L recycling at no additional charge
Commence Recycle Smart trial funded by NSW EPA	Continue Recycle Smart program	Investigate options to continue a Recycle Smart type service	Implement revised service
Work with EPA to hold two Chemical CleanOut events and continue the problem waste collection at the CRC	Work with EPA to hold two Chemical CleanOut events and continue the problem waste collection at the CRC	Work with EPA to hold two Chemical CleanOut events and continue the problem waste collection at the CRC	Work with EPA to hold two Chemical CleanOut events and continue the problem waste collection at the CRC



WASTE SERVICES ACTION PLAN

ACTION	TIMEFRAME	RESPONSIBILITY	BUDGET
Planning and Education			
Update the Waste Management Policy	2023/24	Operations Manager	Operational
Work with Council Planners to ensure appropriate waste and recycling collections for multiple occupancies	Ongoing	Collections Coordinator	Operational
Review bin provisions and fees and charges for MUDs	2024/25	Operations Manager	Operational
Develop a comprehensive plan for community waste communication and education	2023/24	Waste Officer / Sustainability Officer	Operational
Implement waste avoidance and reuse education workshops and programs	2023/24	Sustainability Officer	Operational
Develop and deliver a food avoidance education program	2024/25	Sustainability Officer	Operational
Continue to work with the Hunter Joint Organisation (HJO) to deliver waste avoidance programs	Ongoing	Sustainability Officer	Operational
Develop a waste data dashboard as part of the Smart & Sustainable City Platform	2023/24	Sustainability Officer	Operational
Bulky Waste			
Implement a combined kerbside collection and voucher system where residents are entitled to two services per year which can include: <ul style="list-style-type: none"> kerbside collection of up to 2 cubic meters, and/or waste voucher of up to 250kg to be used at the waste facility 	2023/24	Project Manager	Operational
Commence collection of bulky waste as part of the Bulky Waste service	5 June 2023	Project Manager	Operational
Incorporate 2 mattresses per service into the Bulky Waste Service (for inclusion in kerbside collection or recycled as part of their waste voucher)	2023/24	Project Manager	Operational
General Waste			
Continue the weekly collection of 240 litre general waste bins	Ongoing	Collections Team	Operational
Offer an opt-in 140 litre and/or fortnightly general waste collection service with a discounted Domestic Waste Management Charge	2025/26	Operations Manager	Operational



Investigate options for residual waste disposal	2023/24	Operations Manager	Operational
Organics			
Commence weekly food organics collection	30 June 2025	Operations Manager	Operational
Undertake small scale voluntary trials to review kitchen caddies, liners and education materials	2024/25	Sustainability Officer	Operational
Roll out kitchen caddies and liners to all residential premises in preparation for the food organics service	2024/25	Sustainability Officer	Operational
Provide ongoing supply of liners to residents on request	2025/26	Collections Coordinator	Operational
Deliver a community education program to introduce the FOGO service	2024/25	Sustainability Officer	Operational
Conduct a 6 month pre and post-implementation kerbside bin audit	December 2024 & December 2025	Sustainability Officer	Operational
Recycling			
Investigate options and costs to incorporate 360 litre recycling bins as standard in the new collections contract, due to commence June 2025	2024/25	Operational Manager	Operational
Review recycling bin provision options for MUDs as part of the recycling contract	2024/25	Operations Manager	Operational
Work with Hunter Resource Recovery (HRR) and member Councils to provide recycling education programs	Ongoing	Sustainability Officer	Operational
Continue the Recycle Smart collection program to increase recycling of problem wastes	2023/24	Sustainability Officer	Operational
Investigate options to continue a Recycle Smart type service	2024/25	Sustainability Officer	Operational
Implement revised Recycle Smart type service	2025/26	Sustainability Officer	Operational
Review and trial additional public place recycling locations	2024/25	Collections Coordinator	Operational
Implement a business recycling education program	2024/25	Resource required	Funding required
Problem and Emerging Waste			
Continue to work with the EPA to host two Chemical CleanOut events	Ongoing	Sustainability Officer	Operational
Work with EPA and HJO to increase awareness of CRC	Ongoing	Sustainability Officer	Operational



Review options for asbestos waste to align with the objectives of the NSW EPA Asbestos Strategy	2023/24	Operations Manager	Operational
Review sharps disposal program and install locations	2023/24	Collections Coordinator	Operational
Resource Recovery Facility			
Provide additional resource recovery options at our resource recovery facility	Ongoing	Resource Recovery and Disposal Coordinator	Operational
Undertake signage review and staged implementation of recommendations	2022/23 & 23/24	Waste Officer	Operational
Construction of Stage 1 recycling pads and road upgrade	2022/23 & 23/24	Project Engineer	Capital
Commission Stage 1 to provide convenient recycling drop off facilities and a mixed waste wet weather bay	2023/24	Resource Recovery and Disposal Coordinator	Operational
Construct Stage 2 weighbridge and entry upgrade	2023/24	Project Manager / Project Engineer	Capital
Commission Stage 2 weighbridge upgrade including review of weighbridge software	2023/24	Project Manager	Operational
Finalise Stage 3 transfer and processing facilities design	2023/24	Project Manager	Capital
Construct and commission Stage 3 transfer and processing facilities	2024/25	Project Manager/Project Engineer	Capital
Deliver a communication and education program to encourage source separation at the Resource Recovery Facility	2023/24	Sustainability Officer	Operational
Commence a review for the long-term use of the tip face and landfill remediation of the Maitland Resource Recovery Facility	2023/24	Operations Manager	Operational
Undertake a feasibility study for a circular economy hub, including a reuse and repair program	2024/25	Sustainability Officer	Funding required
Undertake operational review for the waste facility including fees and charges, operating hours and ongoing staffing levels	2024/25	Resource Recovery and Disposal Coordinator	Operational
Develop a disaster waste management plan	2024/25	Operations Manager	Operational
Undertake a security review for the facility	2023/24	Resource Recovery and Disposal Coordinator	Operational



Illegal Dumping and Litter

Monitor and investigate illegal dumping and undertake compliance action to reduce illegal dumping	Ongoing	Compliance Team	Operational
Continue the collection of illegal dumping on public land	Ongoing	Relief Team	Operational
Undertake a review of public place bins and install additional bins as required	2023/24	Collections Coordinator	Operational