

Waste Management Strategy for the City of Ryde



CITY OF RYDE

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1. Introduction

The City of Ryde has a responsibility to provide and implement an efficient, environmentally sustainable and cost-effective waste management strategy that meets the needs of our customers and State Government legislative requirements. This Waste Management Strategy has been prepared to document the future direction of waste management for the City of Ryde and provides a defined policy for avoiding, reducing and managing waste within the local government area.

This strategy outlines the guiding principles in relation to the promotion of innovative waste solutions that benefit the environment. The City of Ryde's Mission and Vision statements identify Council's intention to promote effective solid waste management amongst the whole community.

<p>Our Mission</p>	<p>The City of Ryde will provide a waste management program that contributes to maintaining the health of the City's occupants by ensuring that waste is removed from residences and businesses and disposed of in an environmentally acceptable manner.</p> <p>We will also endeavour to assist residents in reducing the quantity of waste disposed through the development of waste reduction strategies that are in accordance with the State Government's Waste Avoidance and Recovery Strategy</p>
<p>Our Vision</p>	<p>To be seen as leaders in waste management, providing innovative solutions that encourage waste avoidance, reduction and resource recovery and ensure a safe, clean and green environment for the people of Ryde.</p>
<p>Our Desired Objectives</p>	<ul style="list-style-type: none"> • To provide a cost-effective, reliable and efficient waste management service to our customers. • To be recognised as a leader and role model for the community. • To meet waste management environmental targets and state government legislative requirements. • To provide a strong community focused waste education program that fosters active participation in the reduction of waste.



City of Ryde is endeavouring to reduce the residual waste component that requires landfilling.

2. *Our Waste Management Service*

Local governments, such as City of Ryde, are responsible for the provision of waste management services, which include:

- Collecting, sorting, processing and disposing of putrescible waste, recyclable material and green and organic wastes;
- Provision of a community waste education program; and
- Control and management of litter and illegal dumping.

The key waste streams managed by local governments include waste generated from the domestic sectors, commercial and industrial sectors and construction and demolition sectors. Waste management programs have been developed to assist in the reduction of these wastes.

The City of Ryde has met the Department of Environment and Climate Change target of 44% waste diversion from landfill by 2008. To reach the NSW Government's target recycling rate of 66% by 2014, extensive targeted education campaigns will be needed. Waste Diversion from Landfill and Waste & Recycling Statistics Reports are available on Council's website.

The City of Ryde encourages residents and businesses to be aware of their responsibility to reduce waste going to landfill and promote resource recovery and waste avoidance. As a result, a waste management service has been implemented to actively promote the benefits of efficient waste management practices.

2.1 City of Ryde's Current Waste Collection and Disposal Service

The City of Ryde currently provides the following waste services to the community:

Sector	Collection Service
Residential	
<ul style="list-style-type: none"> • Single / Domestic 	<ul style="list-style-type: none"> • One 240L recycling bin, to be serviced fortnightly; • One 140L residual waste bin, to be serviced weekly; • One 240L green waste bin, to be serviced fortnightly; and • 5 scheduled clean up services per year.
<ul style="list-style-type: none"> • Medium Density Multi-Unit Dwellings (less than 30 units) 	<ul style="list-style-type: none"> • One 240 litre recycling bin shared between 2 units where a bin bay area is provided; • One 240L residual waste bin for domestic waste, to be shared between two units and serviced weekly; • 240L green waste bins as required for each unit block, to be serviced fortnightly; and • 5 scheduled clean up services per year.
<ul style="list-style-type: none"> • High Density Multi-Unit Dwellings (greater than 30 units) 	<ul style="list-style-type: none"> • One 240 litre recycling bin shared between 2 units where a bin bay area is provided; • One 240 L residual waste bin shared between two units is provided, or alternatively one 1,100 Litre refuse bin shared between 30 units may be provided where the bin bay storage area is restricted and serviced three times per week. • 5 scheduled clean up services per year.

Additional bins are provided on request and for an additional charge.



Current Residential Bin Types (Recycling, Residual Waste & Greenwaste)

Sector	Collection Service
Commercial	
<ul style="list-style-type: none"> Recycling 	<ul style="list-style-type: none"> 240L co-mingled recycling; 660L, 1100L & 3000L paper/cardboard bins.
<ul style="list-style-type: none"> Residual Waste 	<ul style="list-style-type: none"> 240L, 660L, 1100L & 3000L bins.
<ul style="list-style-type: none"> Greenwaste 	<ul style="list-style-type: none"> 240L bins.

Collected recyclable materials are taken to the Chullora Materials Recovery Facility for processing.

Residual waste is collected from each premise and taken to the WSN Eastern Creek landfill.

Waste collected from the kerbside clean up services is sent to the following facilities:

- Green waste is transported to the Chullora Materials Recovery Facility for processing;
- Metal goods are transported to the Chullora Materials Recovery Facility; and
- Other household goods are transported to the Chullora Materials Recovery Facility.





Household Kerbside Clean Up Items

2.2 Additional Waste Services

In addition to the domestic and commercial waste services, the City of Ryde provides the following additional services to the community:

- A free medical waste program is provided to assist residents in the safe disposal of syringes and home dialysis materials. This service is provided at thirteen participating pharmacies and involves the provision of sealed medical bins, which are serviced on a regular basis. This program is promoted by Diabetes Australia and Council's Waste Education Programs with a list of participating pharmacies available from Council's web site or customer service;
- An annual household chemical collection service which is sponsored by Department of Environment and Climate Change;



Annual Household Chemical Collection – Meadowbank Netball Courts Carpark

- An at call household computer equipment collection service;
- The door to door on request chipping/mulching service continues to reduce waste at the source, but also provides residents with material to mulch their garden;
- Advice on the use of compost bins and worm farms. Both are available from Council at reduced rates.

2.3 Waste Management Initiatives

The City of Ryde has implemented several waste management initiatives to promote effective waste management within the community. These include:

- An active waste education program that promotes recycling, waste minimisation, composting and worm farming;
- An active littering and dumping enforcement program;
- Second Hand Saturday Program that encourages residents to hold a garage sale on their property on the Saturday before their scheduled cleanup;
- Follow Your Waste' resident tours, which involve travelling out to the WSN's Materials Recycling Facility (MRF) at Chullora;
- The Ryde Environmental Education Network (REEN): a school environmental education network catering to schools in the City of Ryde area;
- Clean Up Australia & Business Clean Up Day;
- Rollout of recycling stations in Council Parks;
- Rollout of Shopping Centre recycling stations in targeted areas;
- Use of the Waste Education Trailer to enhance waste education, undertake presentations in schools and use at major Council events.



Council's Waste Education Trailer

In addition, the City of Ryde:

- Encourages staff to dispose of paper and recyclable materials in under desk recycling boxes;
- Has established a worm farm, which is located in the basement level of the Civic Centre and the Operations Centre;
- Recycles and reuses excavated materials, such as recycled bitumen and concrete from road works in the reconstruction and rehabilitation of Council roads, footpaths and drainage works;
- Proposed recycling bins at Council's Aquatic Centre;
- Review & enhancement of Council's Butt bin service at designated areas;
- Has expanded recycling services for commercial/ trade businesses in the Ryde LGA.

3. Future Service Improvements

A key objective of any local government waste management strategy is to reduce waste to landfill and recover resources from the waste stream.

In developing the City of Ryde's waste management strategy, the experiences of local government Councils across Australia have been examined. This study has shown that a significant reduction of waste to landfill has been achieved by combining an extensive waste education program with a three-bin system to collect putrescible waste, recyclable material and green wastes.

The City of Ryde waste management services are aimed at achieving the key focus issues of:

- Reducing waste to landfill;
- Improving the recovery of recyclable, green wastes and other resources;
- Continually promoting waste minimisation practices throughout the community; and
- Continually promoting the green and sustainable image and commitment the City of Ryde holds.

To support the service, City of Ryde has identified the following key management strategies:

- Ongoing major community waste education programs to be directed at the domestic, commercial and industrial, and construction and demolition sectors, and will be aimed at encouraging waste reduction;
- Continuation of the waste enforcement and policing program; and

As City of Ryde has committed to providing innovative waste management solutions to the community, it will:

- Undertake ongoing research and development to identify best-practice and innovative solutions for the management of wastes, recyclable materials and green waste;
- Continue with current waste management initiatives, which have been successful in diverting waste from landfill; and
- Maintain knowledge of new and emerging state government waste management initiatives.

A Waste Management Operational Guidelines document has been developed titled, "Waste Management Background Report For The City of Ryde", which provides a detailed technical overview of the proposed service and improvements.

Through the implementation of these proposed initiatives, City of Ryde will continue its commitment to reduce landfilling of residual waste and prevent waste generation at the source where possible.