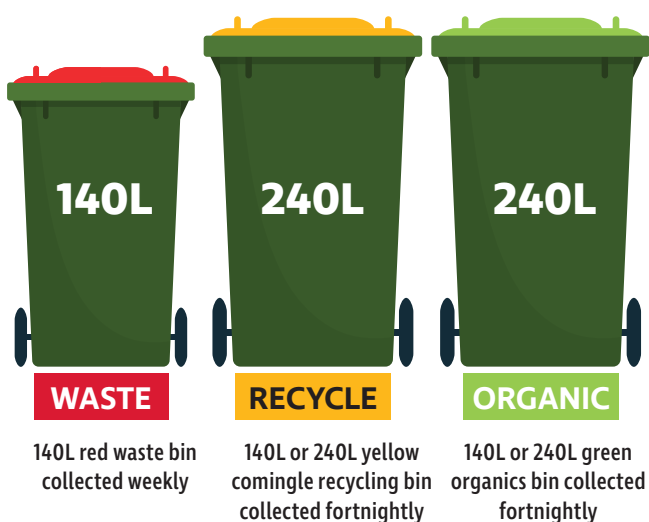




Residential single dwellings

(like a detached or semi-detached house, town house, terrace home)

CURRENT SERVICES



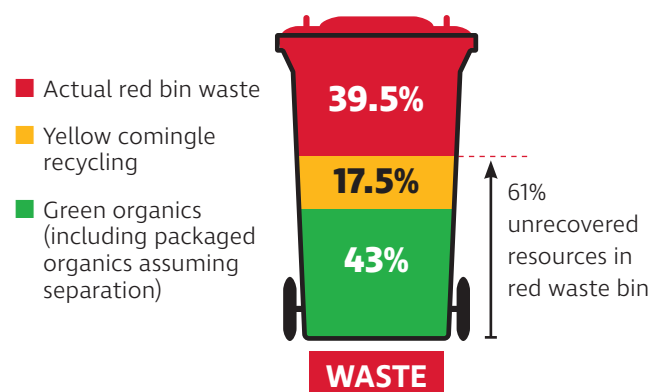
The City of Adelaide exceeds the requirements of the South Australia Environment Protection (Waste to Resources) Policy 2010 under the *Environment Protection Act 1993* by providing residents with the following kerbside collection services:

- 140L red waste bin – collected weekly
- 140L or 240L yellow comingle recycling bin – collected fortnightly
- 140L or 240L green organics bin – collected fortnightly
- 2.5m³ hard waste – two collections annually

Kitchen caddys and compostable liner bags are also provided on demand to residents through the City of Adelaide Customer Centre, community centres and libraries throughout the city.

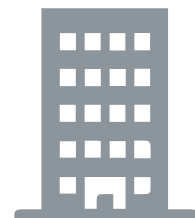
HOW WE ARE DOING

The State Government proposed to increase its waste diversion from landfill target to 75%. Overall, the City of Adelaide currently diverts about 53% of waste from landfill, which demonstrates a good opportunity for improvement.



Many materials found in the red waste bin which is sent to the landfill could be recovered. In fact, 17.5% could have been recycled if placed in the yellow recycling bin and 43% could have been composted if placed in the green organics bin.

In the green organics bin, about 7% is food, with 93% garden organics. This means residents know that garden waste should be placed in the organics which is great, but it also demonstrates that we could place more food scraps in this bin too.



Residential multi-unit dwellings

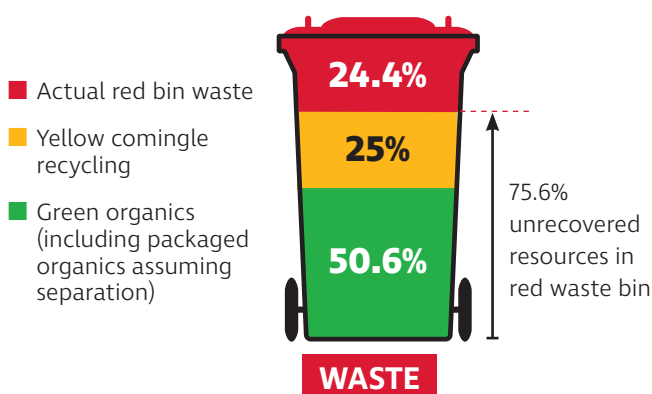
(like apartments & town houses)

CURRENT SERVICES



The City of Adelaide has just over 2000 multi-unit dwelling households. The city provides multi-unit dwellings with either the standard residential kerbside service or a shared three-stream service (organics, comingle recycling, waste and hard waste service 660L bulk-bins serviced weekly) if the premise is suitable for servicing. If it is not suitable, a contracted service can be utilised. These services include shared 660 litre general waste, 660 litre comingled recycling and 240 litre organics recycling bins.

HOW WE ARE DOING



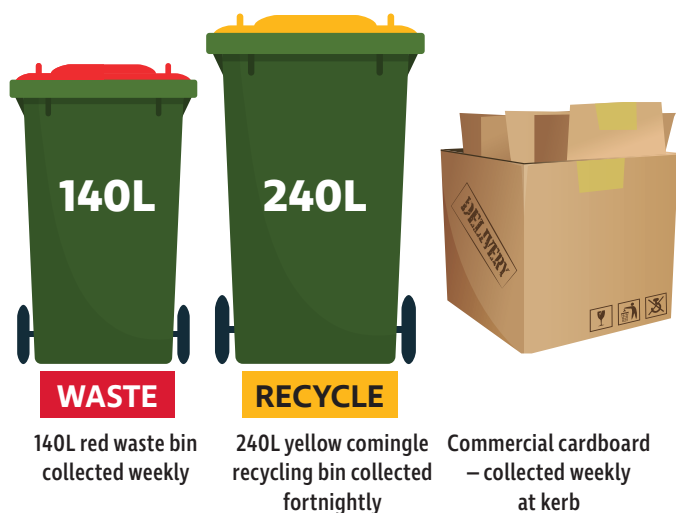
- The audit revealed that over 75% of the red waste bin in multi-unit dwelling bulk bins included unrecovered resources that could have been diverted from landfill. For example, approximately 50% of the materials could have been placed in the green organics bin (being predominantly food organics) and 25% could have been placed in the yellow comingle recycling bin (including plastic containers and cardboard).
- About one quarter of the yellow recycling bin had materials that does not belong in this bin, like textiles and recyclable material contained in plastic bags.
- About 30% of the green organics bin was also contaminated with items that do not belong in this bin.
- There is opportunity to improve the waste systems in multi-unit dwellings from design and build through to occupancy.



Businesses

(eligible for the City of Adelaide kerbside service)

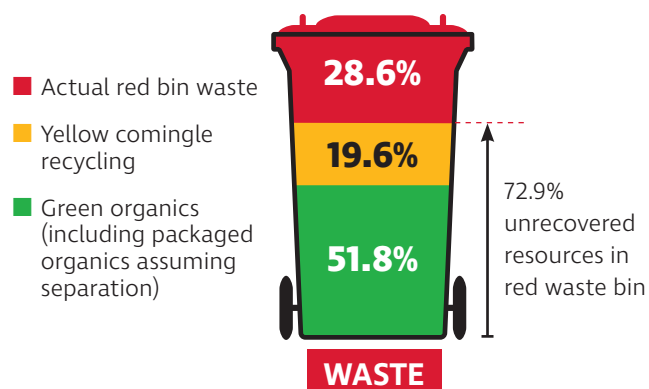
CURRENT SERVICES



Businesses in the City of Adelaide that generate a small amount of waste, similar to a residential premise are provided a Council general waste and comingled recycling service.

- 140L red waste bin – collected weekly
- 240L yellow comingle recycling bin – collected fortnightly
- Commercial cardboard – collected weekly at kerb

HOW WE ARE DOING



- The audit revealed that about 73% of the red waste bin was unrecovered resources like organics, glass bottles, cardboard and hard plastics. About 20% of material could have been diverted from landfill by using the yellow recycling bin service which is currently available to commercial business. Over 50% of the red waste bin contained food waste that could be diverted from landfill however, at present, green organics collection is only available to residents
- 40% of commercial red waste bins were over-full which indicates businesses rely on the service.



Park Lands and Streets

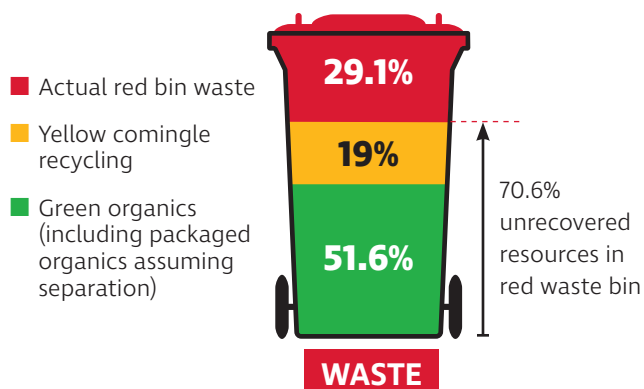
CURRENT SERVICES



In the Park Lands, the city provides waste collection via waste bins.

In the public streets or pedestrian areas, the city provides waste collection and some recycling services through a variety of bin receptacles. Innovative trials using solar powered compactor bins and solar powered sensor bins have offered insight into our city's habits.

HOW WE ARE DOING

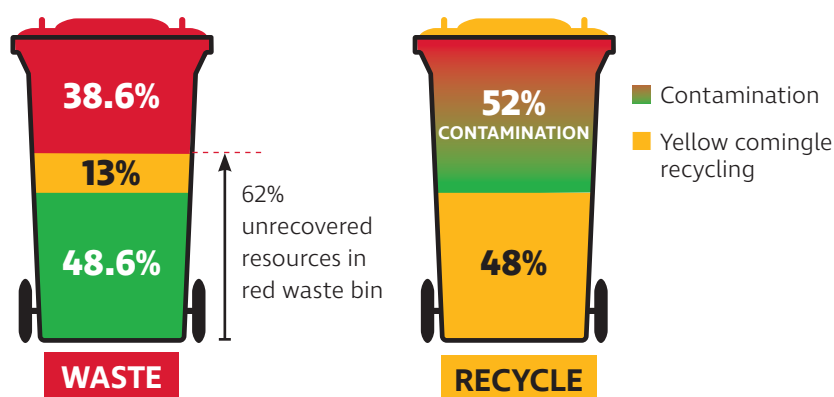


Park Lands

- Around 70% of materials in the Park Lands red waste bin has the potential to be diverted from landfill. Over 50% of the red waste bin could be placed in a green organics bin (if available), and 19% could be placed in a yellow comingle recycling if systems were implemented and supportive education offered.

Streets

- Over 60% of the red waste bin in the streets are unrecovered resources that if appropriate services were offered, could be diverted from landfill. Over 48% of the red waste bin could be placed in a green organics bin (if available), and 13% could be placed in a yellow comingle recycling bin if introduced as an integrated system with supportive education.
- Contamination in the streets recycling bins was high at 50% and includes coffee cups, drinks in containers, food organics and other waste.
- When recycling is highly contaminated, the whole contents of the yellow recycling bin are rejected by the recycling facility and sent to landfill.





City of Adelaide own operations

Colonel Light Centre/Eagle Chambers

Approximately 79 percent of the materials generated in the red waste bin were unrecovered resources. Despite having a green organics service, over 44 percent of the material collected in the red waste bin could be placed directly in the green organics bin. Over 28 percent could have been placed in the yellow comingle recycling bin.

London Road Depot (Offices Only)

Over 77 percent of the materials collected in the red waste bin could be diverted from landfill. Of this, more than 50 percent could be placed directly into the green organics bin and over 22 percent could be recycled into the yellow comingle recycling bin.

North Adelaide Golf Links

There is significant opportunity for diversion. Over 87 percent of the waste that was placed in the red waste bin could be diverted from landfill. Approximately 25 percent of this material could have been placed directly in the yellow comingle recycling bin. Over 59 percent of the red waste bin could be directly diverted from landfill immediately if a green organics bin collection system was implemented. A further 8.3 percent could be recovered if visitors and staff separated food scraps from containers.

Adelaide Aquatic Centre

Approximately 50 tonnes of waste per annum is generated onsite, which includes a combination of food and packaging purchased at the café, as well as food, packaging, and textiles (clothing and towels) brought in by customers and disposed of on-site. The audit revealed that the diversion from landfill rate for this facility is very low at only 28 percent.