



CITY OF  
MITCHAM

MITCHAM

# WASTE MANAGEMENT STRATEGY 2016 – 2021

Guiding Mitcham to a more resourceful and  
sustainable future

*Adopted 22 November 2016*

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**TABLE OF CONTENTS**

- 1. OUTCOME..... 2
- 2. KEY ACTIONS..... 2
- 3. BACKGROUND & PRINCIPLES ..... 3
  - 3.1 Strategic Context and Legislative Controls..... 3
  - 3.2 Methodology ..... 6
- 4. CURRENT ACTIVITY ..... 7
- 5. PLAN DELIVERY ..... 11
- 6. ACTION PLAN..... 13
- 7. REFERENCE LIST ..... 31
- DOCUMENT CONTROL..... 31



# 1. OUTCOME

The Waste Management Strategy demonstrates the City of Mitcham's commitment to reducing waste to landfill, increasing resource recovery and increasing community knowledge of responsible waste management practices by outlining current and future services, programs and initiatives.

# 2. KEY ACTIONS

Over the next five years, from 2016-2021, we commit to:

## 1. Reducing waste to landfill

Sending waste to landfill is the least preferred option for managing waste. It is expensive and not sustainable. Diverting recoverable resources from the waste bin into the recycling or green organics bin at the household level will reduce our reliance on landfill disposal, reduce our carbon footprint and provide financial savings for Council. Other areas where improvements can be made to reduce waste to landfill include the hard waste service and waste and recycling services at Council owned sites (e.g. libraries and open spaces).

Council will continue to work towards the targets set out in the *South Australia's Waste Strategy 2015-2020* of 70% municipal solid waste diverted from landfill by 2020 (Office of Green Industries SA).

## 2. Increasing resource recovery

Improvements in the resource recovery and remanufacturing industries are creating greater opportunities to recover more materials which in turn will enable the community to become more sustainable. This strategy will significantly focus at optimising the use of the kerbside recycling and green organics bin with food scraps recycling a key area for increasing resource recovery as well as reducing waste to landfill.

## 3. Increasing community knowledge on responsible waste management practices

Community education underpins the target of reducing waste to landfill and increasing resource recovery. Efforts will be invested into better communicating with the community about food scraps recycling, the expansion of kerbside recycling service and illegal dumping.

#### **4. Maintaining cost efficient waste and recycling services for the community**

The provision of waste management services makes up a large component of Council's annual budget. Council is responsible for delivering a variety of waste management services, programs and initiatives within budget. Monitoring and reviewing these waste management services, programs and initiatives is necessary to ensure cost efficiencies and adequate service standards. Lynton Green Organics Drop off Facility will be reviewed to identify opportunities and improvements following the redevelopment of the site. Reviewing bin provisions and kerbside waste and recycling service entitlements will also take place to ensure fair and equitable access to this service whilst considering current and future trends.

### **3. BACKGROUND & PRINCIPLES**

#### **3.1 Strategic Context and Legislative Controls**

Managing waste materials is a core function of the City of Mitcham. The scope of waste management services provided by Council includes:

- Kerbside Waste and Recycling Collection Service
- Hard Waste Service
- Lynton Green Organics Drop-off Facility
- Illegal Dumping on Council Land
- Public Place Bins
- Problem Wastes
- Council practices (e.g. own waste, procurement)
- Community Education

Responsible waste management and resource recovery are built on the principles of ecologically sustainable development and the waste management hierarchy.

Ecologically sustainable development is defined in the *National Strategy for Ecologically Sustainable Development* (Department of Environment, 1992) as 'using, conserving and enhancing the community's resources so that ecological processes, on which life depends, are maintained, and the total quality of life, now and in the future, can be increased'. It effectively means our environment needs to be used and managed in a way that ensures it's conserved for future generations and our actions must equally consider the guiding environmental, economic, social and equity principles of ecologically sustainable development.

The waste management hierarchy is internationally recognised as the way to achieve sustainable waste management practices. As illustrated in Figure 1,

it positions the option of disposing of waste to landfill as least sustainable and progresses to recycling, reusing and reducing as better alternatives. The best option is to avoid generating waste which is a difficult task when competing against a consumer based society.

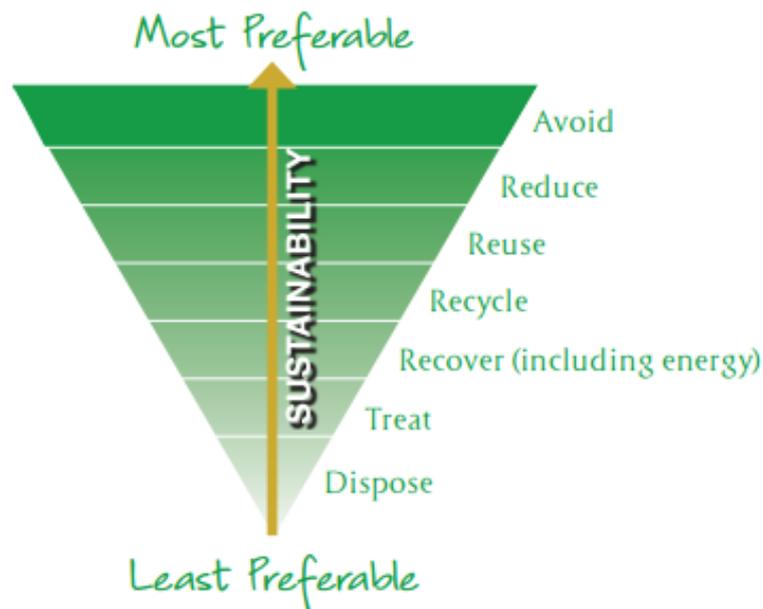


Figure 1: Waste Management Hierarchy (Source: Zero Waste SA 2011)

The various Local, State and Commonwealth Government Acts, Regulations, Strategies and Policies that influence waste and resource recovery in South Australia incorporate ecologically sustainable development and the waste hierarchy. How these documents relate to the City of Mitcham is outlined in Table 1.

Document	Principles and Criteria Relevant to the City of Mitcham Waste Management Strategy
<i>Local Government Act 1999</i>	<ul style="list-style-type: none"> <li>The <i>Local Government Act 1999</i> denotes waste management as a function of Council as well as provisions for managing illegally dumped rubbish.</li> </ul>
<i>Environment Protection Act 1993</i>	<ul style="list-style-type: none"> <li>The <i>Environment Protection Act 1993</i> identifies the principles of ecologically sustainable development and the need to take measures to prevent, reduce and minimise and, where practicable, eliminate harm to the environment.</li> </ul>
<i>Environment Protection (Waste to Resources) Policy 2010</i>	<ul style="list-style-type: none"> <li>The <i>Environment Protection (Waste to Resources) Policy 2010</i> aims to achieve sustainable waste management through the use of the waste management hierarchy and ecologically sustainable development principles.</li> <li>This Policy provides legislative direction on bin collection frequencies, landfill bans, resource</li> </ul>

	<p>recovery expectations and handling of hazardous materials. Council ensures its waste services and programs are in accordance with this policy.</p>
<p><i>Local Nuisance and Litter Control Act 2016</i></p>	<ul style="list-style-type: none"> <li>• This new legislation has passed through parliament with the litter control provisions of the Act to commence on 1 February 2017 and the local nuisance provision commencing 1 July 2017. The littering section will capture illegal dumping issues and override Section 235 of the <i>Local Government Act 1999</i>.</li> </ul>
<p><i>Zero Waste SA Act 2004</i></p>	<ul style="list-style-type: none"> <li>• The <i>Zero Waste SA Act 2004</i> references the waste hierarchy for the sustainable management of waste, the principles of ecologically sustainable development as identified in the <i>Environment Protection Act 1993</i> and best practice methods and standards in the waste management sector.</li> <li>• This Act requires the development of a waste strategy for South Australia.</li> </ul>
<p>National Waste Policy</p>	<ul style="list-style-type: none"> <li>• The Policy sets a national goal for Australia to produce less waste and look at waste as a resource that can generate economic, environmental and social benefits.</li> <li>• This Policy also captures the role of product stewardship to help better manage end of life products.</li> </ul>
<p>South Australia's Strategic Plan</p>	<ul style="list-style-type: none"> <li>• The State's Strategic Plan directs the future goals of South Australia and includes waste management. The waste management target is a 35% reduction on waste to landfill by 2020.</li> </ul>
<p>Office of Green Industries South Australia's Waste Strategy 2015-2020</p>	<ul style="list-style-type: none"> <li>• The new South Australia's Waste Strategy 2015-2020 has been published. This Strategy is under custodianship of Green Industries SA and has a green economy focus. The document sets landfill diversion targets that will help achieve the overarching goal set out in the South Australia's Strategic Plan. The landfill diversion target for municipal solid waste will remain at 70% for the life of this Strategy.</li> </ul>
<p>City of Mitcham Strategic Plan - Planning for Tomorrow's Community Today</p>	<ul style="list-style-type: none"> <li>• Council's Strategic Plan makes a commitment to working towards creating a healthy environment by being innovative in waste management. There is an overarching objective for responsible consumption where natural resources are conserved and waste is minimised either through avoidance, reuse, recycling or recovery.</li> </ul>
<p>City of Mitcham By-Law 7 Waste Management</p>	<ul style="list-style-type: none"> <li>• The By-Law assists in regulating the kerbside waste and recycling service and hard waste collection service.</li> </ul>

City of Mitcham Waste Policy	<ul style="list-style-type: none"> <li>The Policy details what kerbside waste and recycling services will be provided by Council.</li> </ul>
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Table 1: Legislation, Policies and Strategies governing waste management in City of Mitcham

### 3.2 Methodology

The following diagram (Figure 2) outlines the key steps involved with the development of this Waste Management Strategy.



Figure 2: Method for the development of Waste Management Strategy

## 4. CURRENT ACTIVITY

As highlighted before, Council provides a variety of waste management services to the community. The most utilised services are the kerbside waste and recycling collection service, hard waste service and the Lynton Green Organics Drop-Off Facility. Council collects data on these services to measure and understand usage patterns, diversion rates, emerging trends, seasonal variations and new opportunities.

### **Kerbside Waste and Recycling Collection Service**

The kerbside waste and recycling collection service collects waste, recycling and green organic material. The service is provided to over 28,000 residential and non-residential properties and has been in place since 2004. Council's own waste truck operators collect the waste bin each week and the recycling and green organics bins are collected on alternate fortnights by East Waste. East Waste is a regional subsidiary under the *Local Government Act 1993* and the City of Mitcham is a member council of East Waste.

The kerbside waste and recycling collection service is held in high regard within our community based on Council's resident surveys. The City of Mitcham and East Waste maintain a low missed bin rate of 2.44% and the current bin failure rate is under 200 bins per year.

Council has reviewed all aspects of the kerbside waste and recycling service during the past three years. The results from this review include:

- Optimisation of fleet vehicle lifespan
- Significant financial savings as a result of new waste disposal and recycling contracts
- Expansion of permissible recyclable material which will increase landfill diversion
- Detailed data on current usage patterns from a kerbside bin audit.

Kitchen caddies and compostable bags have been made available for purchase at cost price from the Council Civic Centre since June 2014. This has helped support householders introduce food scraps recycling within the home and provides an alternative option to placing food scraps loosely into the green organics bin. Over 1100 kitchen caddies have been purchased along with 3350 rolls of compostable bags since they were made available. It was encouraging to see compostable bags in the green organics bin during the 2015 kerbside bin audit with demand for caddies and compostable bags continuing.

The volume of bin materials collected through the kerbside service in 2015/2016 was 27,540 tonnes. Figure 3 illustrates usage patterns over the past five years. A detailed kerbside bin audit in 2015 identified our landfill diversion rate as 56.3%. Overall, the diversion rate for the City of Mitcham has been

consistent for several years and remains below the Green Industries of SA Waste Strategy municipal solid waste landfill diversion target of 70%.

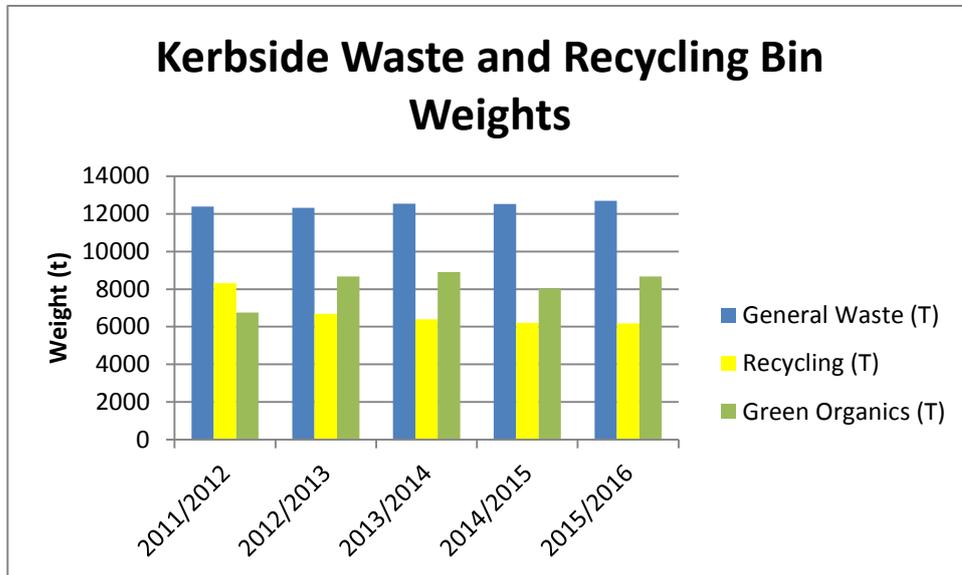


Figure 3: Annual bin weights for Kerbside Waste and Recycling Collection Service

The current three bin system has been embraced by the community since its introduction and South Australians are well known to be avid recyclers. Moving forward, a consistent diversion rate suggests current community education efforts are plateauing. It is now necessary for Council to work closely with the community to rejuvenate these efforts in order to reduce waste to landfill and optimise use of the recycling and green organics bins.

### Hard Waste Service

An 'at call' hard waste service has been in place since 2011 and is designed to help residents dispose of household items too big for the kerbside bins. After a two year trial, Council made a permanent shift an 'at call' arrangement with East Waste delivering the service to householders. Householders are entitled to one collection each financial year whereby 2m<sup>3</sup> of waste will be collected.

The volume of materials collected through the hard waste service in 2015/2016 was 987 tonnes from 5679 collections. A breakdown of collections is shown in Figure 4.



Figure 4: Weights and number of collections for the hard waste service

The arrangement of this service sees some material such as scrap metal and wood recovered for recycling. The volume recoverable is dependent on what material is presented for collection and what can be extracted once delivered to the waste transfer station. Unrecoverable material is sent to landfill.

### Lynton Green Organics Drop-off Facility

The old Lynton Landfill site has been operating as a green organics drop-off facility since 1997 and an upgrade took place in 2015. This service aims to provide residents with an additional option for the disposal of garden material and subsequently help recover a greater amount of green organics. The facility currently operates on the 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>th</sup> Saturday of each month and fees do apply. The volume of materials received at the Lynton facility is outlined in Table 2.

Council provides a number of free drop-off days each year to assist residents in preparing their property for the bushfire season. As expected the service is well utilised during the free drop-off days but overall use of the facility is influenced by seasonal variations.

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
<b>Green Waste (t)</b>	1321.97	1442.36	1490.06	883.18	1082.04

Table 2: Weights for the Green Organics Drop-off Facility

All green waste received is processed into mulch and compost. A commercial contractor is engaged to handle the resource recovery processes.

This service is scheduled to be reviewed in 2016 to identify service efficiencies and improvements.

### **Illegal Dumping**

Council staff are involved with the investigation and management of illegal dumping on Council land. In 2014 the estimated annual cost of managing illegal dumping exceeded \$140,000.

In 2015 a community awareness campaign on illegal dumping was launched in the aim of educating the community on illegal dumping. The combination of illegal dumping tape, street banners and flyers are used to combat illegally dumped waste.

Council also provides support to the community for Clean Up Australia Day each year. Council arranges for the disposal of all rubbish collected as part of this national environmental event.

These initiatives help remove waste from public areas where they can pose environmental and safety issues to members of the community. More importantly, the illegal dumping campaign aims to discourage illegal dumping behaviours and promote alternative options as a way of educating the community on responsible waste management practices.

### **Public Place Waste and Recycling**

There are over 370 public waste bins located at parks, reserves, bus stops and other key locations throughout the City of Mitcham with 61 bins equipped with dog waste bag dispensers. These public place bins are installed to encourage responsible waste disposal outside of the home.

Public place recycling bins will be installed at Apex Park Hawthorndene and AA Bailey Reserve Cumberland Park in early 2016. The introduction of waste and recycling branded bins will build on waste and recycling practices within the home and encourage the community to recycle when visiting these open spaces.

### **Tricky and hazardous Wastes**

There are household items that cannot be handled through the kerbside waste and recycling service. This includes hazardous waste and e-waste. In some cases Council provides an alternative disposal option. An example of this has been the regional hazardous waste drop off day held biennially with the financial support from Green Industries SA (formerly Zero Waste SA). In the instances where there is not a council provided service, such as e-waste,

then Council becomes a source of information for the community and can provide advice on possible solutions.

Management of these wastes and reducing their presence in landfill is an area where Council works together with State and Local Government Agencies.

### **Waste Education and Advocacy**

Spreading the message about reducing waste to landfill, increasing resource recovery and increasing the community's understanding of waste and recycling is managed through community education initiatives. There is a community education resource or program linked to each of Council's waste management services. When communicating with the public it is necessary to identify Council's audience and determine the best means of communicating that message.

Examples of the programs and initiatives delivered:

- Kerbside Waste and Recycling Calendar
- Continual use of Mitcham Community News
- Active use of Council's website and social media pages and local newspapers
- Production of waste and recycling information tools, flyers and brochures
- Guided tours of waste and recycling facilities
- Information displays
- School and child care centre visits
- Community group presentations
- Composting workshops
- Review of waste and recycling pages on Council's website
- Participation in National Recycling Week

Whilst work has been carried out in this area, there is certainly more work to be done to help achieve the targets of this Strategy.

## **5. PLAN DELIVERY**

Achieving the key actions detailed in this strategy requires maintaining existing services and programs and introducing new initiatives to respond to existing and emerging waste and resource recovery issues. A list of these services, programs and initiatives have been combined into an action plan that details Council's role, proposed timelines, funding requirements and the outcome measures (Section 6). The intent of this action plan is to help guide Council in its decision making process as it works towards meeting its objectives in the Council's *Planning for Tomorrow's Community Today* Strategic Plan.

Council is well positioned to respond to the identified waste minimisation and resource recovery issues and there are also opportunities to build and strengthen partnerships with relevant stakeholders. Within the context of delivering the key actions outlined in this Waste Management Strategy, Council will commit to:

- **Leader:** Council leading the community or the local government sector by example, setting directions to meet community needs
- **Service Provider:** Council managing the community's assets and funding and delivering the service
- **Partner:** Council contributing funds and/or resources towards a service or initiative that is delivered with other partners
- **Facilitate:** Council bringing other people together to achieve outcomes
- **Advocate:** Council making representations on behalf of the community
- **Deliver:** Council fulfilling a particular role as determined by legislation

The Waste Management Strategy does not commit Council to implement any action. Instead it is a guide that will assist Council with future decision making regarding waste management issues. The timing of implementing the Strategy will therefore depend on the availability of funding, resources and other Council and community priorities.

The action plan identifies where funding already exists. Funding for new initiatives can be incorporated into Council's Strategic Management Plan as Strategic Priorities (or unfunded projects list) or as part of annual budget processes. Where available and applicable, external funding will be sought. There is also the potential to explore partnering with other organisations in shared services arrangements.

The aims of the various waste management services, programs and initiatives listed in the action plan all overlap and work towards reducing waste to landfill, increasing resource recovery and increasing community knowledge. In majority of cases, achieving one target will subsequently result in achieving the remaining two. Ensuring these services, programs and initiatives are cost effective is important and demonstrates responsible financial management by the City of Mitcham.

Indicators that will measure the success of the Waste Management Strategy are:

- Waste and recycling data demonstrating less waste going to landfill and measuring against Green Industries SA municipal solid waste landfill diversion target of 70% by 2020.
- Waste and recycling data demonstrating greater use of the resource recovery services (i.e. recycling and green organics bins)
- Evidence of a more knowledgeable and sustainable community in relation to waste management
- Demonstrated use of the Waste Management Strategy
- Compliance with Council's Strategic Plan.

## 6. ACTION PLAN

Kerbside Waste and Recycling Collection						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Kerbside Bin Collection Service	Maintain the collection of the waste, recycling and green organics bin for occupied rateable properties	Service Provider, Partner, Regulator	Ongoing	Domestic Waste Team, East Waste, Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
Kerbside Bin Auditing	Audit kerbside bins to determine use/trends and identify opportunities	Service Provider, Partner	Biennially effective from 2015	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery
Food Scraps Recycling	Promote the diversion of food scraps into the green organics bin throughout the community	Service Provider, Facilitator	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Food Scraps Recycling	Maintain the availability of kitchen caddies and compostable bags for purchase at cost price	Service Provider, Facilitator	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Kerbside Recycling	Promote the expansion of acceptable dry recyclable material into the recycling bin	Service Provider, Leader, Facilitator, Partner	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
<b>Future Services, Programs and Initiatives</b>						
Waste Management Strategy	Develop and maintain the active use of the Waste Management Strategy to guide future waste management direction	Service Provider	2016-2021	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling services

Waste Management Policy	Develop a Kerbside Waste and Recycling Services Policy with supporting guidelines	Service Provider, Regulator	2016	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling services
Kerbside Bin Renewal Program	Commence a kerbside bin renewal program to replace existing bins and explore avenues that will increase landfill diversion and resource recovery rates	Leader, Service Provider, Regulator	2019/2020 or when bin replacements reach 1000 bins/year	Waste Management Officer	2019/2020	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
Additional Kerbside Bins	Review the additional bin process and fee structure	Service Provider, Regulator	2016/2017	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services

Kerbside waste and recycling in Multi-unit Developments	Develop guidelines on waste management options for multi-unit developments	Service Provider, Regulator	2018/2019	Waste Management Officer, City Works & Services Team, Planning Team, East Waste	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling services
Kerbside waste and recycling services for non-residential properties	Identify the scope and develop guidelines on the provision and management of waste and recycling collection services for educational, commercial and industrial premises	Service Provider, Regulator	2017/2018	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
Review in-house waste service	Review the waste collection service in preparation for waste fleet renewal	Service Provider	2019/2020	City Works & Services Team, Waste Management Officer	Additional funding to be sort	Cost efficient waste and recycling services

Service Level Agreement with East Waste	Develop a Service Level Agreement with East Waste on the delivery of kerbside waste and recycling services	Service Provider, Partner	2016/2017	Waste Management Officer, City Works & Services Team, East Waste	Within existing budget	Cost efficient waste and recycling services
Waste Management Contingency Plan for Extreme and Catastrophic Fire Danger Days	Develop a waste contingency plan to enable efficient response to extreme and catastrophic fire danger days	Service Provider, Regulator, Partner	2016/2017	City Works & Services Team, Waste Management Officer, East Waste	Within existing budget	Cost efficient waste and recycling services

Hard Waste Service						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Maintenance of a hard waste collection service	Provide one pre-booked hard waste collection for occupied residential properties each year	Service Provider, Partner	Ongoing	East Waste, Waste Management Officer	Within existing budget	Cost efficient waste and recycling services
Community participation in Hard Waste Service	Promote the availability of the hard waste collection service	Service Provider, Partner	Ongoing	Waste Management Officer	Within existing budget	Increased community knowledge

Future Services, Programs and Initiatives						
Review hard waste disposal practices	Work with East Waste to engage in a long term contract for hard waste disposal and recovery	Partner, Advocate	2015/2016-2016/2017	East Waste, Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
Review Hard Waste service	Review the service as it approaches the end of the 7 year arrangement	Service Provider, Partner	2019/2020	Waste Management Officer	Within existing budget	Cost efficient waste and recycling services

Lynton Green Organics Drop Off Facility						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Operation of a Green Organics Drop-off Facility	Provide residents with an alternative option for the disposal of organic garden material	Service Provider	Ongoing	City Works & Services	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services

Operation of a Green Organics Drop-off Facility	Provide residents with the opportunity to dispose of organic material at no cost as part of bushfire preparation.	Service Provider	Ongoing	City Works & Services	Within existing budget	Reduced waste to landfill, Increased resource recovery
Community Participation in Green Organics Drop-off Facility	Promote the availability of the green organics drop-off facility	Service Provider	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
<b>Future Services, Programs and Initiatives</b>						
Green Organics Drop-off Facility	Carry out a complete review of the service to identify current demands and opportunities	Service Provider	2016-2016/2017	City Works & Services	Within existing budget	Increased resource recovery, Cost efficient waste and recycling services
Review green organics disposal practices	Undergo a tender process to seek a green organics disposal contract	Service Provider	2016	City Works & Services	Within existing budget	Cost efficient waste and recycling services

Illegal Dumping						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Management of illegal dumping	Investigate reports of illegal dumping on Council land	Regulator, Service Provider	Ongoing	Compliance Team	Within existing budget	Increased community knowledge
Management of illegal dumping	Promote responsible waste disposal practices through education material and use of illegal dumping tools	Regulator, Service Provider	Ongoing	Compliance Team, Waste Management Officer	Within existing budget	Increased resource recovery, Increased community knowledge
Support Clean Up Australia Day	Provide support for Clean Up Australia Day volunteers through the collection and disposal of Clean Up Australia bags	Partner, Facilitator	Annually - March	Waste Management Officer	Within existing budget	Increased community knowledge

Public Place Waste and Recycling						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Public place waste and recycling bins	Introduce public waste and recycling bins to encourage recycling outside of the home	Service Provider, Partner	2016	Waste Management Officer	External grants to be actively sort and complimented with existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Waste Management at Public Events	Introduce event specific bins and bin covers to aid in responsible waste management practices at public events	Service Provider	2016-2021	Waste Management Officer, Events Officer, Youth Development Officer	Within existing budget with external grants actively sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Future Services, Programs and Initiatives						
Public place bin infrastructure	Audit existing infrastructure to identify conditions, needs and opportunities to improve service provision including the installation of public	Service Provider, Partner	2016/2017-2020/2021	Waste Management Officer, City Works & Services Team	Combination of existing budget and additional funding and external grants to be actively sort	Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling

	waste and recycling bins					services
Waste Management at Public Events	Develop guidelines on waste management practices for public events and deliver improvements to include the three waste streams at public events	Service Provider	2018/2019	Waste Management Officer, Events Officer, Property Team, Youth Development Officer, City Works & Services Team	Within existing budget with external grants to be actively sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Tricky and Hazardous Wastes						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Battery and Mobile Phone Recycling	Maintain recycling collections points at the Civic Centre and Libraries for household batteries and mobile phones	Service Provider, Partner	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery
E-waste Recycling	Promote the responsible disposal of e-waste either through the National TV and Computer Recycling Program or other e-waste recycling facilities.	Facilitator	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Availability of information for the responsible disposal of hazardous and tricky wastes	Provide and maintain the availability of information on disposal options for a variety of hazardous and tricky wastes	Facilitator	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Hazardous Waste Drop-off Day	Advocate for Green Industries SA to fund hazardous waste days whilst exploring options that cater for the potential absence of Zero Waste SA funded hazardous waste days	Advocate, Partner	Biennially effective from 2010	Waste Management Officer	External grants will be actively sort and complimented by existing funding	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
<b>Future Services, Programs and Initiatives</b>						
E-waste Recycling	Explore opportunities to provide e-waste drop off days within the City of Mitcham for residents	Partner	2017/2018	Waste Management Officer	Within existing budget with possible additional funding to be sort	Increased resource recovery, Cost efficient waste and recycling services

Explore oil recycling	Develop a business case for the introduction of oil recycling for City of Mitcham residents	Service Provider	2017/2018	Waste Management Officer	Additional funding to be sort	Increased resource recovery, Cost efficient waste and recycling services
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Council's own practices						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Council Generated Waste	Audit Civic Centre and Library generated waste to determine use/trends and identify opportunities	Service Provider	2016	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery
Provision of waste and recycling services at Council operated sites	Provide waste and recycling collection services at Civic Centre, Libraries, Works Depot and Community Centres	Service Provider	Ongoing	Waste Management Officer, Property Team	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Future Services, Programs and Initiatives						
Improve waste and recycling practices within Council office buildings and Melrose Park Depot to optimize resource recovery	Audit and implement new office based waste management systems which ensures optimal resource recovery	Leader, Service Provider	2016/2017-2017/2018	Waste Management Officer, Property & Contracts	Additional funding to be sort through existing budget bid for 2016/2017	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services
Provision of waste and recycling services at Council Owned community used sites	Develop guidelines on waste management services entitlements	Leader, Service Provider	2017/2018	Waste Management Officer, Property Team, City Works & Services Team, East Waste	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Provision of waste and recycling services at Council Owned, community used sites	Audit bins at council owned community sites and implement new waste management systems which ensures optimal resource recovery	Leader, Service Provider	2017/2018	Waste Management Officer	Within existing budget with possible additional funding to be sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Provision of waste and recycling services at Council owned community used sites	Provide educational materials to Council owned community used sites to improve waste and recycling practices	Leader, Service Provider	2017/2018	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling services
Procurement and use of remanufactured and recycled goods	Contribute to procurement procedures to encourage use of remanufactured and recycled goods for Council services, programs and events	Leader, Service Provider	2017/2018	Procurement Manager, Waste Management Officer, Project Officer - Natural Environments, Events Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery
Management of wastes from civil and horticultural works	Review the handling and disposal of civil and horticultural wastes (e.g. clean fill, scrap metal, concrete etc) to ensure optimal resource recovery	Leader, Service Provider	2017/2018	Waste Management Officer, Engineering & Horticulture Directorate, WHS Team	Within existing budget with possible additional funding to be sort	Reduced waste to landfill, Increased resource recovery

Waste Education and Advocacy						
Service/Program	Action	Council's Role	When	Who	Funding	Outcome Measure
Promotion of waste minimisation and resource recovery within the community	Develop and provide promotional material on a variety of waste and recycling topics (previously in conjunction with Green Industries SA) and promote using Council's methods of community engagement	Service Provider, Facilitator, Partner	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Promotion of waste minimisation and resource recovery within the community	Develop and supply waste and recycling calendars annually	Service Provider	Annually - April	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Promotion of waste minimisation and resource recovery within the community	Deliver community presentations and workshops	Service Provider, Facilitator, Partner	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community

						knowledge
Community Waste Tours	Redesign and provide free waste tours to demonstrate the disposal of waste, recyclables, and green organics	Service Provider, Facilitator, Partner	2016/2017	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
National Recycling Week	Support National Recycling Week through the promotion of key waste and recycling themes	Partner, Facilitate, Service Provider	Annually - November	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Act as advocate on waste management related consultations, papers, legislative and policy changes	Provide comments and feedback on changes to the waste management sector from a local government perspective	Advocate, Regulator, Service Provider	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Cost efficient waste and recycling services

Build and maintain waste management partnerships	Work in partnership with Green Industries SA, EPA, KESAB & East Waste on waste management initiatives	Partner, Facilitator, Advocate, Service Provider	Ongoing	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge, Cost efficient waste and recycling services
<b>Future Services, Programs and Initiatives</b>						
Bin Tagging Community Education Program	Introduce an incentive based bin tagging program to encourage greater resource recovery	Service Provider, Partner, Leader	2016-2017/2018	Waste Management Officer	Within existing budget with additional funding to be sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Home composting subsidy	Develop a business case for the introduction of a home composting/worm farm subsidy scheme to increase food scraps recycling within the home	Service Provider, Leader	2016/2017	Waste Management Officer	Additional funding to be sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

Waste minimisation and resource recovery education material	Procure books, games and other resources for the libraries that promote waste minimisation and resource recovery	Service Provider	2016/2017-2017/2018	Waste Management Officer	Within existing budget	Reduced waste to landfill, Increased resource recovery, Increased community knowledge
Support Community and Business Waste Initiatives	Introduce a program that provides sponsorship and support to community groups and businesses on waste related initiatives	Partner, Facilitator	2018/2019	Waste Management Officer	Additional funding to be sort	Reduced waste to landfill, Increased resource recovery, Increased community knowledge

## 7. REFERENCE LIST

Department of Environment, 1992, *National Strategy for Ecologically Sustainable Development*

Office of Green Industries 2015 *South Australia's Waste Strategy 2015-2020*

Zero Waste SA, 2011, *South Australia's Waste Strategy 2011-2015*

### DOCUMENT CONTROL

VERSION	AUTHOR(S) POSITION	CHANGES	DATE
1	Waste Management Officer	New document	22/11/2016

<b>Responsible Department</b>	Natural Environments		
<b>Delegations Apply</b>	No		
<b>Classification</b>	Environmental Management		
<b>Applicable legislation</b>	<i>Local Government Act 1999</i> <i>Environment Protection Act 1993</i> <i>Environment Protection (Waste to Resources) Policy 2010</i> <i>Zero Waste Act 2004</i> <i>Local Nuisance and Litter Control Act 2016</i> City of Mitcham By-Law 7 Waste Management		
<b>Related Policies &amp; Corporate Documents</b>	City of Mitcham Strategic Plan – Planning for Tomorrow's Community Today Waste Management Policy (Currently under internal review)		
<b>Additional references</b>	South Australia's Strategic Plan Green Industries of SA - SA Waste Strategy 2015-2020 National Waste Policy		
<b>Endorsed by Council:</b>	22 November 2016	<b>Item No:</b>	9.1
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