

His Worship the Mayor
Councillors
CITY OF MARION

NOTICE OF ASSET AND SUSTAINABILITY COMMITTEE MEETING

Council Chamber, Council Administration Centre
245 Sturt Road, Sturt

Tuesday, 06 April 2021 at 06:30 PM

The CEO hereby gives Notice pursuant to the provisions under Section 83 of the Local Government Act 1999 that a Infrastructure and Strategy Committee meeting will be held.

A copy of the Agenda for this meeting is attached in accordance with Section 83 of the Act.

Meetings of the Council are open to the public and interested members of this community are welcome to attend. Access to the Council Chamber is via the main entrance to the Administration Centre on Sturt Road, Sturt.



Sorana Dinmore
Acting Chief Executive Officer



TABLE OF CONTENTS

OPEN MEETING	3
KAURNA ACKNOWLEDGEMENT	3
ELECTED MEMBER'S DECLARATION (if any)	3
WORKSHOP / PRESENTATION ITEMS	3
SRWRA Progress Update	3
CONFIRMATION OF MINUTES	4
Confirmation of the minutes for the Asset and Sustainability Committee Meeting held on 2 February 2021	4
BUSINESS ARISING	11
Business Arising Statement - Action Items	11
CONFIDENTIAL ITEMS - Nil	16
REPORTS FOR DISCUSSION	16
Residential Hard Waste and Dumped Rubbish Services	16
Waste and Recycling Update	35
REPORTS FOR NOTING - Nil	44
OTHER BUSINESS	44
MEETING CLOSURE	44

OPEN MEETING

KAURNA ACKNOWLEDGEMENT

We acknowledge the Kurna people, the traditional custodians of this land and pay our respects to their elders past and present.

ELECTED MEMBER'S DECLARATION (if any)

WORKSHOP / PRESENTATION ITEMS

SRWRA Progress Update

Originating Officer Acting General Manager Corporate Services - Ray Barnwell

Corporate Manager Manager Corporate Governance - Kate McKenzie

General Manager Acting Chief Executive Officer - Sorana Dinmore

Report Reference ASC210406R01

Confidential ☐

REPORT OBJECTIVE

The purpose of this report is to facilitate a SRWRA Progress Update from Mark Booth - Director, BRM Advisory.

RECOMMENDATION

That the Asset and Sustainability Committee:

1. Notes the presentation.

CONFIRMATION OF MINUTES**Confirmation of the minutes for the Asset and Sustainability Committee Meeting held on 2 February 2021**

Originating Officer Executive Officer to General Manager City Development - Louise Herdegen

Corporate Manager Manager Corporate Governance - Kate McKenzie

Report Reference: ASC210406R02

RECOMMENDATION:

That the minutes of the Asset and Sustainability Committee Meeting held on 2 February 2021 be taken as read and confirmed.

ATTACHMENTS:

#	Attachment
1	ASC210202 - Final Minutes

MINUTES OF THE ASC210202 - ASSET AND SUSTAINABILITY COMMITTEE MEETING

Tuesday, 02 February 2021 at 06:30 PM

Council Administration Centre, 245 Sturt Road, Sturt



PRESENT

Councillors Matthew Shilling, Bruce Hull, Nathan Prior, Ian Crossland
Mayor Kris Hanna (from 8:05 pm)

IN ATTENDANCE

Councillors Sascha Mason, Kendra Clancy, Maggie Duncan, Tim Gard

Tony Lines – General Manager City Services
Ilia Houridis – General Manager City Development
Kate McKenzie – Manager Corporate Governance
Fiona Harvey – Manager Operations
Mathew Allen – Manager Engineering, Assets and Environment
Mark Griffin – Unit Manager Engineering
Carl Lundborg – Operations Engineer
Brett Jaggard – Unit Manager Open Space Operations
Ian Seccafien – Coordinator Arboriculture
Andrew Excell – Department for Infrastructure and Transport
Louise Herdegen – Executive Officer to the General Manager City Development (Minutes)

OPEN MEETING

The Chair opened the meeting at 6:33 PM

KAURNA ACKNOWLEDGEMENT

We acknowledge the Kurna people, the traditional custodians of this land and pay our respects to their elders past and present.

ELECTED MEMBER'S DECLARATION

The Chair asked if any Member wished to disclose an interest in relation to any item being considered at the meeting.

Nil interests disclosed.

CONFIRMATION OF MINUTES - Nil**BUSINESS ARISING - Nil****CONFIDENTIAL ITEMS - Nil**

WORKSHOP / PRESENTATION ITEMS - Nil

Presentation - Department for Infrastructure and Transport

(Report Reference ASC210202R04)

The presentation from Mr Andrew Excell, Director Transport Network Investment Strategy of the Department for Infrastructure and Transport included the transport strategy, road network with a focus on whole corridors, asset management plans/backlog, stimulus package with a focus on projects within the City of Marion, electric vehicles plan/charging trials and integrated planning and projects.

Key discussion points noted below:

- The issue of insufficient parking at Oaklands Crossing redevelopment has been campaigned for some time and still not resolved. Talk of selling land which could be used for parking. Previous view from DIT was walk up rather than park and ride however DIT now looking at the best way to encourage people to use public transport. If a park and ride is considered the best way at this location, DIT will need to revisit how this can be achieved.
- Hove level crossing removal - in context of wider traffic movement there is arterial benefits, improved travel time and safety. In context of the wider network, it forms part of the Brighton Road Corridor Study.
- Marion Road Upgrade Planning Study has been completed and is being prepared for public release in Q2 2021.
- Change to level crossing/tram crossing was aimed at stopping people queuing over level crossings and to improve safety but acknowledge it did cause congestion. DIT to include in integrated planning approach and how to filter out into next round of studies.
- The intersection of Sturt/Marion Roads is a known dangerous intersection. DIT will be looking at the change to the way people travel using the Southern Expressway now that construction has been completed.
- Discussion on the Majors Road access/egress points on the Southern Expressway. DIT advised that the on and off ramps can work but that estimated low usage makes the project unviable.
- Proposed tunnel on the North-South Corridor and access/egress points. DIT have put together community and business reference groups to assist the project team during the planning and design phase of the project. City of Marion have a representative on this group.
- Greenways network are dedicated walking/cycling routes. City of Marion have done a lot work in this space and assist DIT with planning/constructing, input to where people are walking from/to. 50/50 funding is also available from the State Bicycling Fund.
- Using public transport can add considerable time to travel from place to place. Bus network offers flexibility to change as the community needs change however Government decided not to go ahead with changing bus routes.
- Study underway with Flinders Uni, SAPTA and DIT to investigate the interchange at Flinders to determine the most efficient service. Will be looking at how people will use the site, how they get there, where they are coming from/going to.

REPORTS FOR DISCUSSION

Draft Transport Plan (Report Reference: ASC210202R02)

The Manager Engineering, Assets and Environment introduced the Unit Manager Engineering and Operations Engineer to provide a presentation on the draft Transport Plan, the 6 key principles via a short video, followed by a review of the 19 new actions outlined in the plan.

Members provided feedback on the 19 actions for inclusion in a report to Council to seek endorsement for community consultation.

Discussion points noted below:

- The plan consists of 6 principles, 15 outcomes and 42 actions of which 19 do not appear in other plans.
- Council not to take on responsibility for maintaining State assets. Council can add value with enhancements to make areas more inviting for the community.
- Encourage staff to improve communication and collaboration with counterparts in other Council's.
- Shelters to be installed where bus stops are utilised by more than 7 people per weekday average (endorsed by Council on 13 October 2020 in the Transport Asset Management Plan 2020-2030).
- The Disability Standards for Accessible Public Transport (DSAPT) have set down a timeline by December 2022 for all existing bus stops and shelters to comply with the standard. Council is on track to achieve this.
- Advocate for improved park and ride facilities underserved throughout the City of Marion.
- RAA interested in moving the car share trial from Marion to Tonsley for the next 12 months.

Mayor Hanna joined the meeting at 8:05 pm

Moved Councillor Prior, Seconded Councillor Hull

That the Asset and Sustainability Committee:

1. Notes the report.
2. Provides feedback on the draft Transport Plan (Attachment 1).

Carried Unanimously

Tree Management (Report Reference: ASC210202R03)

The Manager Operations introduced the Unit Manager Open Space Operations and the Coordinator Arboriculture to present an update on the accomplishments and innovations within the Open Space Operations area and seek support to fund additional resources to support the program of works.

The following discussion points were noted:

- The Open Space Operations team has been implementing a new system to help manage the location, maintenance and watering of public trees. The system is a web-based platform (Forestry) and will be live within the next few months. The data generated from this system will enable better decision making for future works and planning. A demonstration of the system was provided at the meeting.
- Opportunity to encourage residents to care for and retain significant trees on private property with the creation of a small fund, similar to the Local Heritage Incentive Fund.
- Concern that garbage trucks are causing damage to the tree canopy in some areas.
- Tree valuation methodologies vary and staff would need to research options.
- Watering new tree plantings is critical. Seeking additional resources to ensure greater survival rate.
- Consider adding a KPI to address mortality rates. A number of practices are embedded in the standard operating procedures to improve survival rates such as additives to the water for better penetration into the soil and using fertilisers to break up clay soils.
- Tree canopy should not impinge on bikeways – suggest clearance standards for footpaths and roads also apply to cycleways.
- Balancing the risk and benefit of trees near playgrounds. Trees to be placed close enough to

- provide shade without infrastructure being in the fall zone.
- Trees near powerlines in high fire danger areas are assessed and maintained regularly. In low fire danger areas, trees are pruned from powerlines as needed.
- Potential to use sensors around specific trees to monitor growth rates, soil condition, water levels, assessing recent rainfall to determine if water required etc. Further consideration required for this technology.
- Looking at options to encourage community involvement to assist in watering new tree plantings on hot days.
- When locations are identified for new street tree plantings, consultation takes place with the residents such as letter drops outlining objectives and outcomes, advertising signage on streets to notify community, staff available to answer questions/concerns.
- Discussion on tree canopy coverage and how the statistics may be affected by 'no tree' areas.

Procedural Motion

Moved Councillor Crossland, Seconded Councillor Prior

That the meeting be extended to the end of discussion of the Tree Management item. The remaining item to be deferred to the next meeting.

Carried

Meeting extended at 9:32 pm

Mayor Hanna left the meeting at 9:33 pm

Key focus points:

- Support for the tree planting to continue however further clarification to be provided on the additional resources and benefits to ensure watering levels are sufficient to maximise survival rates.
- Consider using other water supplies rather relying on Oaklands. This may have savings in travel costs/time.
- Investigate irrigation options if water trucks are unable to access the whole street where new trees have been planted.
- Potential policy to encourage care of/retention of significant trees on private property, along the lines of the Local Heritage Incentive Fund and in line with similar programs offered in other councils.
- Tree protectors are used in high risk areas as part of the Treescaping project.
- Presentation well received and staff acknowledged for their good work in this area.

Moved Councillor Crossland, Seconded Councillor Prior

That the Asset and Sustainability Committee:

1. Notes the presentation.
2. Recommends a council report be prepared for March 2021 to achieve targets set such as expedite tree planting, alternative watering options, increase advanced trees, additional resources of a water tanker and operator, additional arborist, potential tree fund (similar to the Local Heritage Incentive Fund) and explore grant programs for private land.

Carried Unanimously

REPORTS FOR NOTING - Nil

OTHER BUSINESS

MEETING CLOSURE - Meeting Declared Closed at 9:56 PM

CONFIRMED THIS xx DAY OF xx

.....
CHAIRPERSON

BUSINESS ARISING

Review of the Business Arising from previous meetings of the Asset and Sustainability Committee.

Business Arising Statement - Action Items

Originating Officer Executive Officer to General Manager City Development - Louise Herdegen

Corporate Manager Manager Corporate Governance - Kate McKenzie

General Manager General Manager City Services - Tony Lines

Report Reference ASC210406R03

Confidential ☐

REPORT OBJECTIVE

The purpose of this report is to review the business arising from previous meetings of the Asset & Sustainability Committee meetings, the meeting schedule and upcoming items.

RECOMMENDATION

That the Asset and Sustainability Committee:

1. Notes the business arising statement, meeting schedule and upcoming items.

Attachment

#	Attachment
1	ASC210406 Business arising statement - Action Items
2	2100406 ASC forward agenda April 2021

CITY OF MARION
BUSINESS ARISING FROM THE ASSET & SUSTAINABILITY COMMITTEE MEETINGS

ATTACHMENT 1
 AS AT 22 MARCH 2021



	Date of Meeting	Item	Responsible	Due Date	Status	Completed / Revised Due Date
1.	2 February 2021	Draft Transport Plan (Report Reference: ASC210202R02) <ul style="list-style-type: none"> What are the costs to Elected Members submitting FOI requests? 	K McKenzie	26/2/21	No exemption could be found for Elected Members MP's have a threshold of \$1,000 before they have to pay Inter government communication may be able to provide the information needed rather than formal FOI. In the first instance, non State Govt agencies should seek access to State Government agency documents through administrative arrangements rather than FOI process.	

* Completed items to be removed are shaded

Meeting Schedule 2021



2 February 2021	6.30 – 9.30
6 April 2021	6.30 – 9.30
1 June 2021	6.30 – 9.30
7 September 2021	6.30 – 9.30
2 November 2021	6.30 – 9.30

2021 Committee Membership

- Membership – 4 Elected Members plus the Mayor
- Quorum - 3 Committee Members

Presiding Member – Matthew Shilling

Members

- Bruce Hull
- Ian Crossland
- Nathan Prior

Asset & Sustainability Committee

Meeting Schedule 2021

Asset and Sustainability Committee		Date: Tuesday, 2 February	Time: 6.30pm – 9.30pm	Venue: Chamber	
Topic	Type of Report	Description	External Attendees	Staff Responsible	
Draft Transport Plan				M Allen	
Tree Management				F Harvey R Pitcher	
Presentation from DIT				M Allen	
Forward Agenda Items				I Houridis	

Asset and Sustainability Committee		Date: Tuesday, 6 April	Time: 6.30pm – 9.30pm	Venue: Chamber	
Topic	Type of Report	Description	External Attendees	Staff Responsible	
SRWRA progress update		Presentation	Mark Booth	S Dinmore	
Residential Hard Waste and Dumped Rubbish Services	R			F Harvey R Belding	
Waste and Recycling update	R			A Gibbons	

Asset and Sustainability Committee		Date: Tuesday, 1 June	Time: 6.30pm – 9.30pm	Venue: Chamber	
Topic	Type of Report	Description	External Attendees	Staff Responsible	
Asset Management Update				M Allen	
Footpath Audit Results and Works Program				F Harvey	

Asset & Sustainability Committee

Meeting Schedule 2021

Asset and Sustainability Committee		Date: Tuesday, 7 September	Time: 6.30pm – 9.30pm	Venue: Chamber	
Topic Community	Type of Report	Description	External Attendees	Staff Responsible	
Demographics, aging					
Levels of service, changing expectations					
Aged care services, payments, update etc.					
Engagement					
CRM, Salesforce – Karen Cocks update					

Asset and Sustainability Committee		Date: Tuesday, 2 November	Time: 6.30pm – 9.30pm	Venue: Chamber	
Topic Environment	Type of Report	Description	External Attendees	Staff Responsible	
Climate risk and its impact on assets					
Climate adaptation					
Environmental Sustainability update (including from new Carbon Neutral Plan)					
Carbon sequestration					

CONFIDENTIAL ITEMS - Nil**REPORTS FOR DISCUSSION****Residential Hard Waste and Dumped Rubbish Services**

Originating Officer Unit Manager Operational Support - Roger Belding

Corporate Manager Manager Operations - Fiona Harvey

General Manager General Manager City Services - Tony Lines

Report Reference ASC210406R04

Confidential ☐

REPORT OBJECTIVE

To inform the Committee about the current model and future options for the provision of City of Marion's Residential Hard Waste Collection services and the provisions in place for managing Dumped Rubbish. The Committee's feedback is sought on progressing a report to Council for consideration of future hard waste service provision.

EXECUTIVE SUMMARY

The City of Marion's Hard Waste and Illegal Dumping Collection Services are critical to ensure public safety and high levels of amenity for residents across the City. The current service provision is fully utilised and provides a high quality and flexible service, through the combination of in-house collection services, contracted services and the ability for residents to manage their own hard rubbish.

The demand, and associated costs, for hard waste services has increased significantly over the past 8 years and is forecast to continue to increase. To meet this demand into the future a range of service delivery models have been assessed against four criteria; customer expectations, environment sustainability, workplace health and safety, and cost. An in-house service delivery model utilising two flat bed trucks and crews is proposed to meet demand, and deliver a high quality service for both hard waste collection and management of illegal dumping for the next five years.

Illegal dumping continues to be a issue across Australia, with many councils focusing on ways to better manage this issue. City of Marion has a range of services in place to combat illegal dumping which provide education, stakeholder partnerships, deterrence and management practices in order to focus on reducing dumping.

RECOMMENDATION

That the Asset and Sustainability Committee:

- 1. Notes the current services City of Marion provides relating to Hard Waste Collection and Illegal Dumping.**
- 2. Provides feedback on the proposed model for future Hard Waste Collection services.**
- 3. Based on the Committee's feedback supports a report being presented to Council to seek the resources (funding, fleet and staffing) required to deliver Hard Waste Collection and Illegal Dumping services into the future.**

DISCUSSION

Hard Waste Services - Current Service Provision

City of Marion (CoM) provides residential hard waste collection services based on the following service levels:

- In-house CoM run service collections, with a target of delivery within 2-4 weeks from time of booking
- Contracted service collections to manage overflow
- Contracted mattress collection service, provided generally within 7 days
- Tip Ticket service for residents who wish to take their own rubbish to an allocated transfer station, available on the day of request

The present service allows residents up to two serviced collections of hard waste each financial year, of one cubic metre for a single collection or two cubic meters if booked as a double collection. Each serviced collection may be replaced with a Tip Ticket or Mattress Collection.

For scheduled collections, the time from initial request to provide a hard waste serviced collection for 2019/20 was on average 2-4 weeks, which was a reduction compared with the previous year's time frame of 6 to 8 weeks.

Irrespective of wait times, where a request is received for a prompt collection this is accommodated.

At the 23 April 2019 General Council meeting (GC190423) Council resolved to increase the budget for Residential Hard Waste by \$45k in 2019/20 to fund additional contracted services during peak periods to reduce the wait time from booking to receipt of a serviced collection to 2 to 4 weeks.

This increased funding, along with other initiatives, enabled the provision of 17,376 service requests in 2019/20, within collection time frame of 2-4 weeks. The number of services provided in 2019/20 was a 23% increase on that in 2018/19.

Demand for Service

The number of hard waste services provided by Council has increased by more than 90% over 8 years. The cost to provide this service has more than doubled over the same period.

The demand for the service in the first half of 2020/2021 exceeded the number of services delivered for the same period in 2019/2020. With the use of approved contracted support, for the first half of 2020/21 the average wait time from time of booking was 3.2 weeks, noting this increased to 6 to 8 weeks during peak periods. Hard Waste requests for 2020/21 are forecast to be in the order of 19,120 including: 10,500 Serviced General Collections; 4,020 Mattress Collections and 4,600 Tip Tickets.

Interestingly Marion experienced above average growth in demand, compared to previous years, for its hard waste service for 2019/20. This spike could, in part, be a result of Covid-19, with residents located within the home environment for longer periods between March to June

Attachment 1 shows the demand for services over the past eight years, and the projected service provision for the complete 2020/21 year. It also shows the average wait times for service collection over the past 9 years.

The increase in service demand and associated costs is due to several factors including increasing disposal costs, and urban infill resulting in increasing volumes of waste.

The EPA-SA Landfill Levy for 2020/21 increased by 10% to \$143/t. The Levy has an impact on disposal costs, which have increased by more than 240% since 2012. It is expected that this trend will continue.

Customer Satisfaction

Customer feedback related to the Hard Waste service was sought through a survey in 2015 and again in 2020. Both survey results showed that 87% of survey respondents were either satisfied or very satisfied

with the services provided. The 2020 Survey has been included in Attachment 2.

Maintaining customer satisfaction remains an important factor when considering options for future service provision.

Comparison with other councils

The provision of hard waste collection services is a highly valued service across all councils. There are a range of delivery models in place utilising council staff and/or contracted services. In terms of service delivery, City of Marion compares favourably against other councils in metrics such as range of items collected and wait times. Research across eight metropolitan councils shows Marion's average collection wait time of 3.2 weeks is shorter than others which appear to average 4-6 weeks.

Hard Waste Services - Future Demand

Beyond 2020/21 demand for hard waste services is forecast to continue to increase. Attachment 3 provides a forecast of the service demand over the next 5 years, separated into serviced collections, contracted mattress collections and tip tickets.

The modelling for this forecast is based on historical average increases in service demand of approximately 9.3%, which includes the demand from increased dwelling numbers of, on average, 460 dwellings annually (~1.2%). In 2025/26 the service demand is forecast to be 24,250 requests consisting of 15,350 Serviced Collections, 3,850 Mattress Collections and 5,000 Tip Tickets.

Service Delivery Model for General Collections

Currently CoM has one hard waste collection truck and two operators. The service collects, on average 30 collections per day, equating to 7,200 collections per year at 100% utilisation. Demand beyond capacity is covered by the contracted service to keep wait times to as low as possible.

The hard waste truck currently in use by CoM staff is due for replacement in 2021/22. This has provided an opportunity to review the service including consideration to meet the continued increase in demand and cost, as well as a range of service delivery options. The basis for this review is to optimise a cost effective service. Forecasts show that demand for the serviced collection will be 15,350 per year by 2025/26. The options assessed to meet this demand were:

- Option 1: Continue with one CoM flat bed hard rubbish truck and crew, and continue to contract out overflow.
- Option 2: Initiate a second CoM flat bed hard rubbish truck and crew, and cease contracted support
- Option 3: Purchase a compacting hard rubbish truck to replace the current flat bed truck, and cease contracted support
- Option 4: Contract out the entire service

Option Assessment

In considering future service provision options each option was assessed and scored against 4 criteria; Customer Expectations, Environment Sustainability, Workplace Health and Safety, and Cost. Attachment 4 provides a summary of the assessment of criteria for the four options, and overall score.

Option 1: Continue with one CoM flat bed hard rubbish truck and crew, and contract out overflow service requests

This option would continue to provide a high level of customer service, including the flexibility to prioritise urgent services as per our current practices, and the ability to collect all waste streams. It also scores highly on the environment sustainability criterion as this approach to collection enables recyclable materials to be sorted with up to 60% of hard waste able to be diverted from landfill. Given the capacity of one truck and crew an increasing number of services will need to be outsourced to contractors for collection, which have a higher unit rate than in-sourced collections. In regards to WHS this option scores fairly given the balance between managing hazards associated with manual handling by CoM staff, and outsourcing some WHS to contractors. However irrespective of the type of truck used there will always be a need to manage WHS closely and mitigate any risks or hazards. Mitigation occurs now

through application of safe work methods, safety observations, rotation of staff, toolbox meetings, dynamic hazard assessments and training.

This option also provides adequate resources for illegal dumping management.

Option 2: Initiate a second CoM flat bed hard rubbish truck and crew, and cease contracted support

The introduction of a second truck and crew to meet the increasing demand for services scores highly across all criteria. This model would ensure wait times are kept within the 2.5-3 week service level; urgent collections are responded to immediately and all rubbish streams can be collected. As with Option 1, up to 60% of the hard rubbish collected will be able to be diverted from landfill. With this option contracted support will be required again in 2025/26 however this option is still the more cost effective than option 1.

This option also provides adequate resources for illegal dumping management.

Option 3: Purchase a compacting hard rubbish truck to replace the current flat bed truck, and cease contracted support

This option proposes to replace the current flat bed hard rubbish truck with a compacting truck, which would enable many more collections per day/year. This would also result in ceasing the need to outsource overflow collections to contractors. However there are significant downsides to this option. Firstly, the use of a compacting truck will restrict items accepted for collection removing the ability for any electrical, white goods or metal objects to be collected. EPA-SA Guidelines now restrict diversion of all electronics to landfill and the mechanics of the compactor are not suited for ongoing compaction of solid items such as heavy metal. Secondly, all hard waste collected will be crushed resulting in no ability to recycle or reuse collected items. This is at odds with the Council's and Community's environment sustainability goals and also at odds with the 90% of customers surveyed in 2020 that had a preference towards environmental sustainability and for hard waste to be reused and or recycled where practical to do so.

The two benefits of this option are the reduced hazards associated with manual handling and stacking of hard waste as all items are crushed after placing in the hopper of the truck; and that it is the cheapest option.

Option 4: Contract out the hard waste collection entire service

This option proposes to contract out the entire hard waste collection service. A full analysis was conducted on this model option in 2016. This service was again assessed and captured within the 2019 roadside waste contract, both instances demonstrated that a fully outsourced option was not a cost effective approach.

It is also likely to provide a reduced level of customer satisfaction as there may be limitations on the ability to redirect services for urgent pick ups. The main benefits of this option are that responsibility for WHS would sit with the contractors, and City of Marion would have no requirement for staffing or fleet management.

An important point to note with this option is that the illegally dumped rubbish service would still need to be provided, so has been factored into the outsourcing cost analysis.

Dumped Rubbish

Dumped Rubbish remains an issue across Australia. It is unsightly, causes risk to public health and safety and has a significant financial impact to manage. Several factors need to be taken into account in order to understand the level of dumping reported year on year. These include the number of Events raised, which may include multiple reports for the same occurrence and/or raised related to private property or State Government managed locations. Changing social demographics and housing in-fill are also having an effect.

Attachment 5 provides an overview of Dumped Rubbish statistics relevant to the City of Marion, including cost and service provision.

Inspection Process

It is beneficial to remove dumped rubbish within a suitable time frame, however, to simply collect dumped rubbish without an opportunity for behaviour change is detrimental and will result in ever more dumping presented for collection.

To combat dumping a process that includes the taping up with 'dumped rubbish under investigation' tape and application of a local area letter drop has been applied. This process has proved beneficial with an assessed 42% of rubbish taped-up being recovered by the offender for responsible disposal (as assessed March 2021). From discussions with residents there is general acceptance and understanding of the benefits this approach brings.

Multi-Unit Dwellings

We have achieved a degree of success in reducing local area dumping in and around Multi Unit Dwellings (MUDs). This has been accomplished by working with Housing SA to provide community connections and education. The most recent initiative was a joint approach with MUD information sessions held on site with residents concluding in April 2020.

City of Marion also provides a regular skip bin service to Housing SA MUD facilities. These skips support collection of hard waste, particularly as tenancy changes through the dwellings. This approach has further reduced localised dumping.

Correctional Services (Pay Back Program)

Marion has a contract arrangement with Correctional Services Pay Back to the Community Program. This program delivers litter collection services to several hot spot locations such as Perry Barr Road, Edwardstown, and council footpaths and walkways abutting the Morphettville Racecourse.

The service is provided at limited cost with people filling community orders undertaking the collection whilst supervised by Correctional Services staff.

Application of CCTV to Combat Reserve Dumping

It has been several years since Marion partnered with the EPA in a trial application of CCTV to hot spot locations. This 6 Month trial eventuated in one prosecution through the EPA and raised some awareness for the community on the Council's commitment and use of CCTV to combat dumping.

The CCTV trial resulted in Marion purchasing two portable cameras. Recently these cameras have been deployed in a Council reserve identified as a dumping hotspot. Signage will also be installed alerting people to the use of cameras. Monitoring will occur over a three month period to monitoring offending, at which time the cameras will either be moved to a new location, or remain for further monitoring.

Infringement and Prosecution

The Community Safety Inspectorate (CSI) becomes involved with the dumped rubbish process where there is sufficient information for a heightened investigation to take place, which could result in the issue of an expiation notice. Below is a summary of this process over 2019/20 and 2020/21:

FY-2019/20

- 138 Events progressed to CSI's for investigation as 'dumped rubbish offender known'. On investigation 124 (90%) of these incidents were registered as either no rubbish found on inspection and/or recovery by the offender for responsible disposal. 14 incidents were passed on for collection by the hard rubbish staff due to insufficient evidence.
- Zero formal cautions were recorded (It is understood however that a number of verbal cautions have been issued, resulting from insufficient evidence being provided to issue a formal notice)

FY-2020/21

- 96 Events progressed to CSI's as 'dumped rubbish offender known' (as at 23/2/21)
- Zero cautions recorded

Community Information

Along with the information provided on City of Marion's website, educational and awareness raising information, is also provided to the community through the following methods:

- **Temporary Signage** - Installed on the roadside to prompt dumpers to do the right thing and to inform residents that council are aware and are addressing the issues. This includes 'Don't Dump Trolleys' signage surrounding major shopping precincts.
- **Letter Drop** - Letter drops are used in local areas close to roadside dumped rubbish locations to educate local residents on the process for booking a hard waste collection, to seek any information on the potential offender, and to inform residents about the fines that may apply.
- **Post Card Flyer** -These are used to inform residents on the process for illegal dumping and contact details for trolley collection.
- **Making Marion community engagement portal** - Provides a survey that can be undertaken by residents as feedback.
- **Booking Confirmation Letter for the Hard Waste Service** – Reminds residents as to the collection period booked as well as the volume and type of items allowed for placement.
- **Hard Waste Sticker** – Provided with confirmation letter advising neighbours and others that items are placed as an approved hard waste collection.
- **Notifications** - Provided on site by the collection team should a collection be non-compliant (exceed volume or incorrect items placed).
- **'Dumped Rubbish Under Investigation' Tape** – Placed to inform that council is aware of the dumping and are investigating.
- **Hard Waste Collection Flyer** – This provides information in several local to Marion first language dialects to assist in a wider whole of community understanding.

Attachment

#	Attachment
1	Attachment 1 - Historical Data Demand & Cost (Hard Waste Service)
2	Attachment 2 - Hard Waste Survey Data 2020
3	Attachment 3 - Hard Waste Service Demand
4	Attachment 4 - Assessment of Hard Waste Serviced Collection Options
5	Attachment 5 - Dumped Rubbish Cost and Service Provision ..

Historic Comparison Hard Waste Service (Cost / Demand)

Table 1 - Historic Comparison Hard Waste Service (Cost / Demand)

Hard Waste Service Provided	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21 Projected
Hard Waste Service Requests	8917	9498	9858	7947	8626	8125	8390	9806	10502
Contracted Collections (Mattress & White Goods)				2023	1987	2098	2209	2605	4000
Tip Tickets (Issued)	1560	2528	1788	2421	3428	3555	4072	4403	4600
Totals :	9866	11103	11235	11609	12817	13267	14671	17394	19102
Average Wait Times (Weeks)				7.6	7.9	7.6	7.1	4.9	3.2
Demand Increase % (9.28%Av)	Base line	13%	3%	4%	10%	5%	6%	25%	14%
Cost:	\$249,221	\$300,693	\$314,463	\$326,056	\$372,384	\$408,758	\$ 422,189	\$ 540,000	\$ 600,000
Cost Increase % (11.8% Av)	Base line	20%	4%	3%	22%	10%	5%	28%	11%
Tip Tickets Used (79% Presentation Rate)	949	1605	1377	1643	2206	2414	2764	3704	3650
EPA Waste Levy (disposal to landfill)	\$42/t	\$50/t	\$57/t	\$62/t	\$76/t	\$87/t	\$100/t	\$130/t	\$143/t

Project Report

01 June 2020 - 29 September 2020

Making Marion Hard Waste Survey 2020



Visitors Summary

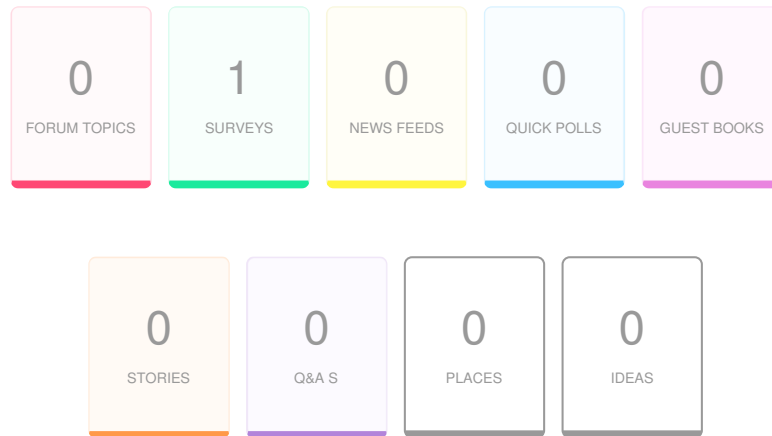


Highlights

TOTAL VISITS	MAX VISITORS PER DAY	
404	198	
NEW REGISTRATIONS		
4		
ENGAGED VISITORS	INFORMED VISITORS	AWARE VISITORS
214	256	331

Aware Participants	331	Engaged Participants	214		
Aware Actions Performed	Participants	Engaged Actions Performed	Registered	Unverified	Anonymous
Visited a Project or Tool Page	331				
Informed Participants	256	Contributed on Forums	0	0	0
Informed Actions Performed	Participants	Participated in Surveys	4	1	209
Viewed a video	0	Contributed to Newsfeeds	0	0	0
Viewed a photo	0	Participated in Quick Polls	0	0	0
Downloaded a document	0	Posted on Guestbooks	0	0	0
Visited the Key Dates page	0	Contributed to Stories	0	0	0
Visited an FAQ list Page	0	Asked Questions	0	0	0
Visited Instagram Page	0	Placed Pins on Places	0	0	0
Visited Multiple Project Pages	43	Contributed to Ideas	0	0	0
Contributed to a tool (engaged)	214				

ENGAGEMENT TOOLS SUMMARY



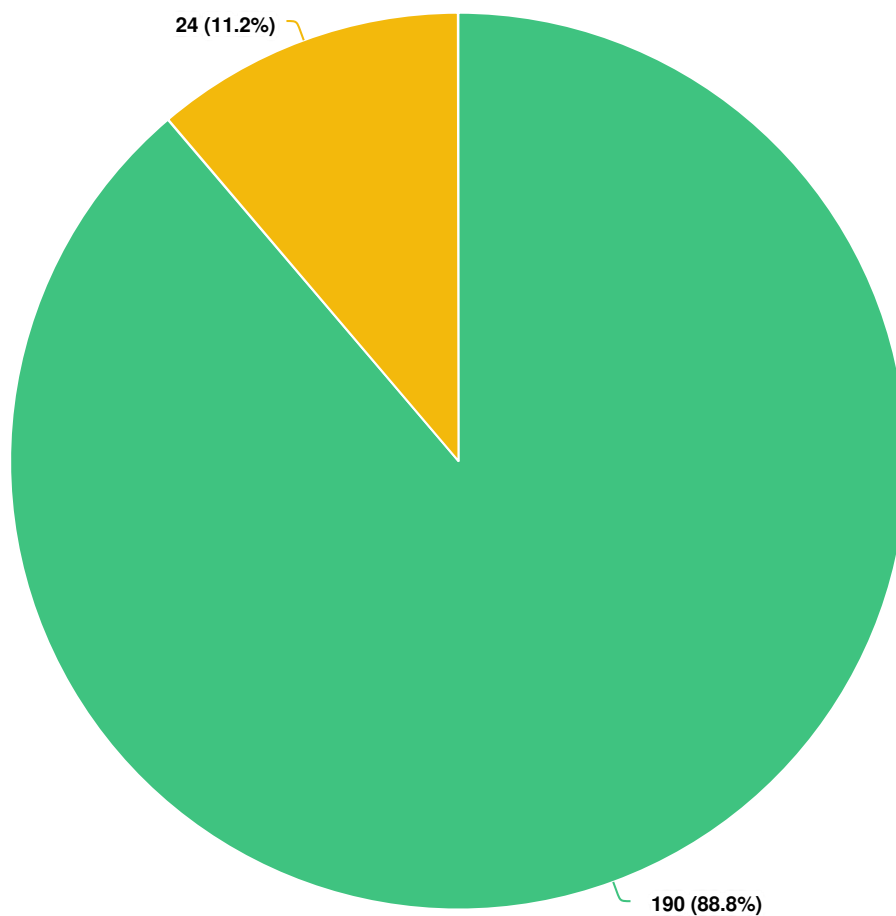
Tool Type	Engagement Tool Name	Tool Status	Visitors	Contributors		
				Registered	Unverified	Anonymous
Survey Tool	Your feedback - Hard Waste	Published	250	4	1	209

ENGAGEMENT TOOL: SURVEY TOOL

Your feedback - Hard Waste

Visitors	250	Contributors	214	CONTRIBUTIONS	215
----------	-----	--------------	-----	---------------	-----

Have you booked a hard waste collection before through City of Marion?



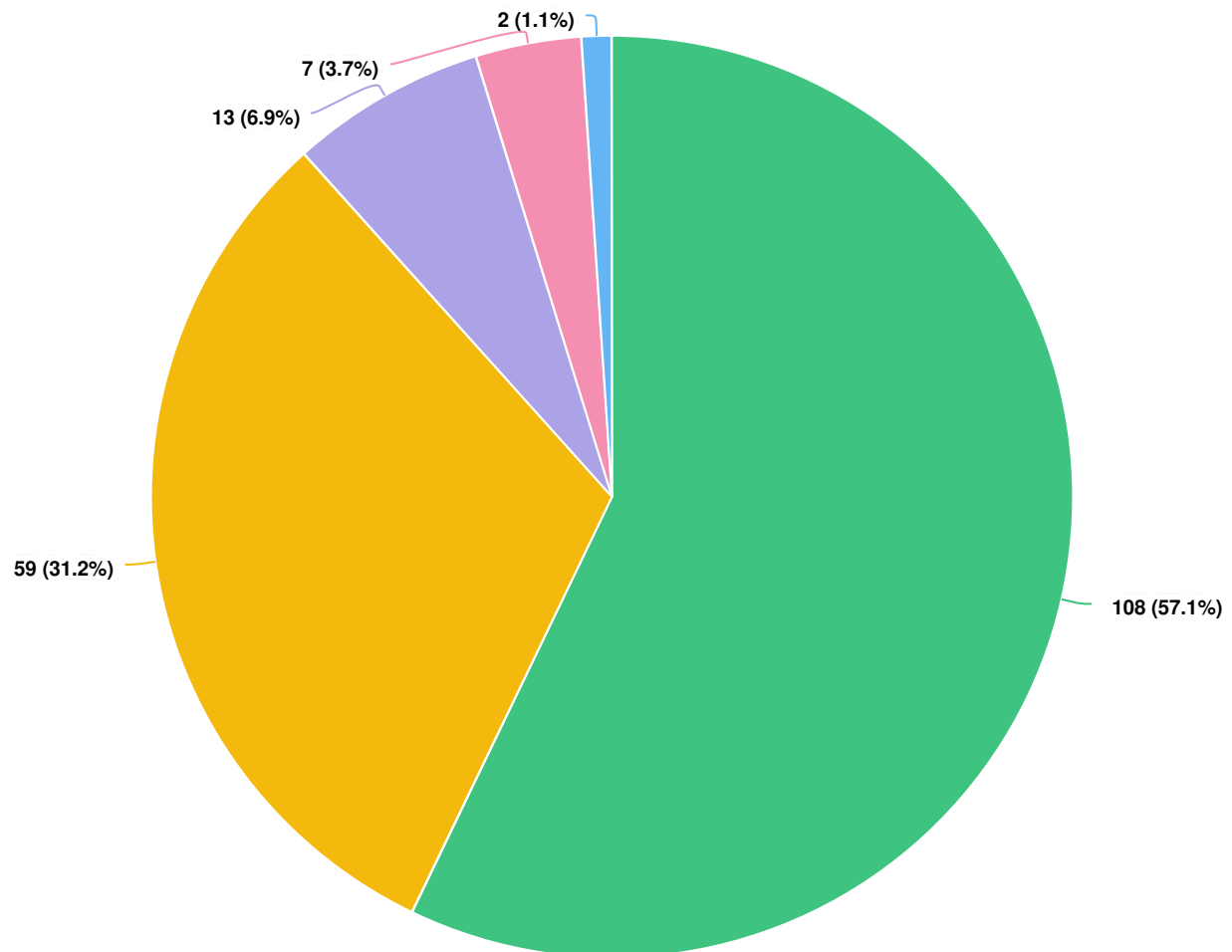
Question options

☒ Yes ☐ No

Optional question (214 response(s), 1 skipped)

Question type: Radio Button Question

What was your level of satisfaction with the current waiting times between booking a hard waste collection and receiving the service?

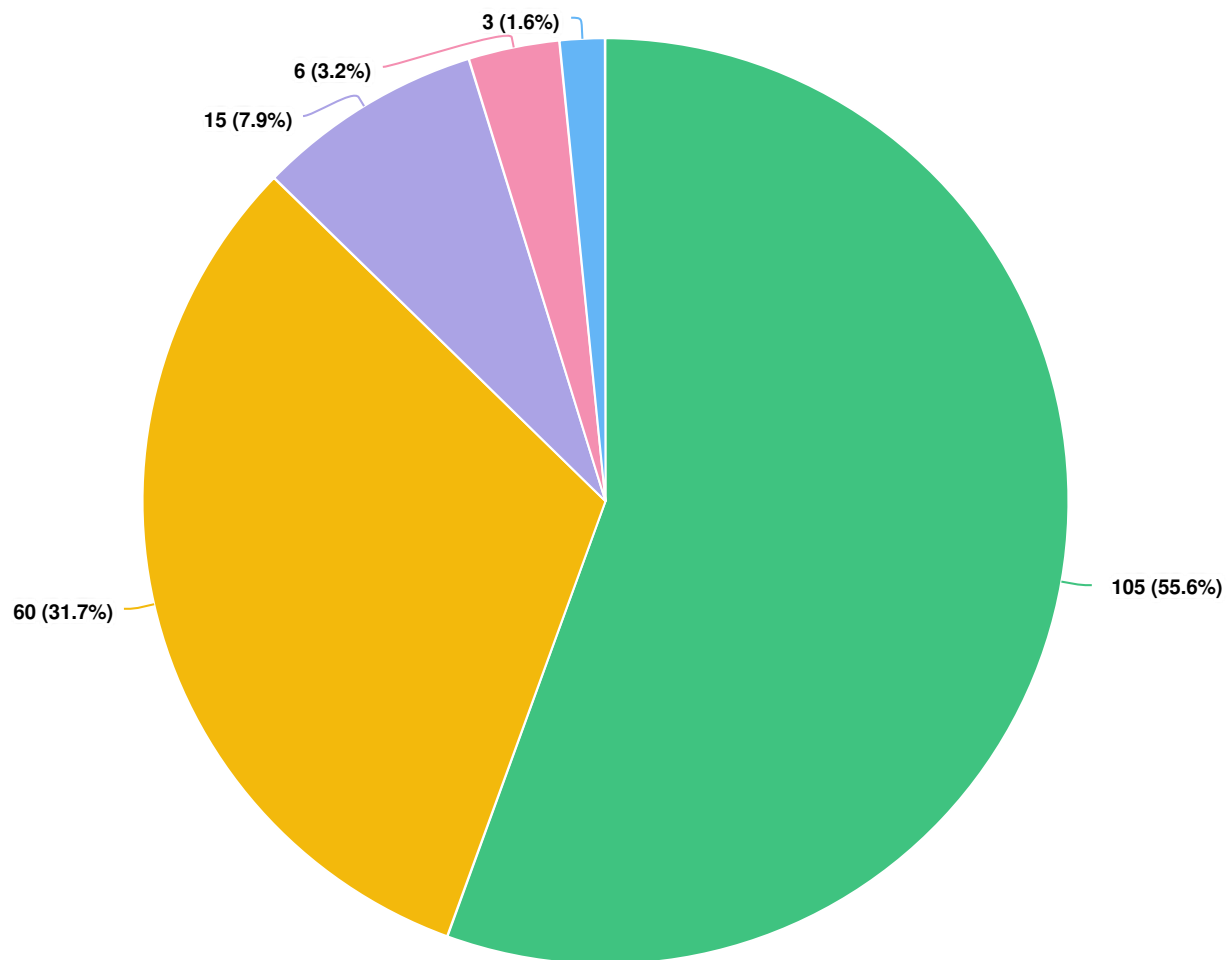


Question options

Very satisfied Satisfied Dissatisfied Very dissatisfied Not Applicable

Optional question (189 response(s), 26 skipped)

Question type: Radio Button Question

What is your level of satisfaction with the current hard waste collection service?**Question options**

● Very satisfied ● Satisfied ● Dissatisfied ● Very dissatisfied ● Not Applicable

Optional question (189 response(s), 26 skipped)

Question type: Radio Button Question

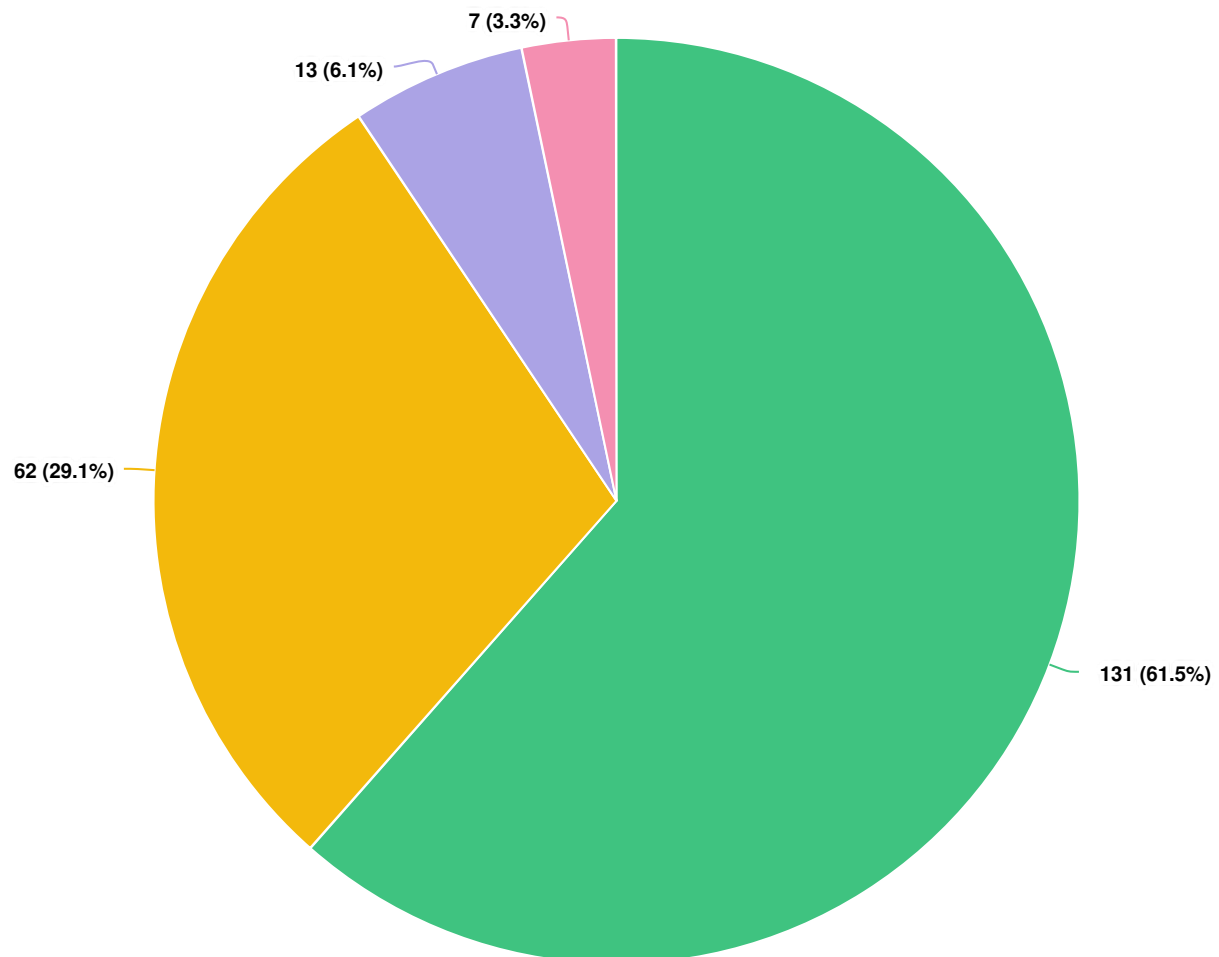
Which hard waste collection service would you prefer? Please number 1 being most preferred to 4 being least preferred

OPTIONS	AVG. RANK
Two collections of one cubic metre by volume per annum (one cubic metre is about the size of one 6 x 4 trailer LEVEL load)	1.40
One collection of two cubic metres by volume per annum (two cubic metres is about the size of two 6 x 4 trailer LEVEL loads))	2.42
Tip tickets, two may be requested each replacing one scheduled collection and entitles residents to take one cubic metre worth of materials to an advised transfer station for disposal	2.84
Mattress collection for recycling may consist of x2 mattress alone or mattress and ENSEMBLE base (Bed frames should not be placed). This service replacing a scheduled hard waste collection)	3.36
Other	4.33

Optional question (206 response(s), 9 skipped)

Question type: Ranking Question

What level of environmental benefit do you expect from the way we dispose of our hard waste?



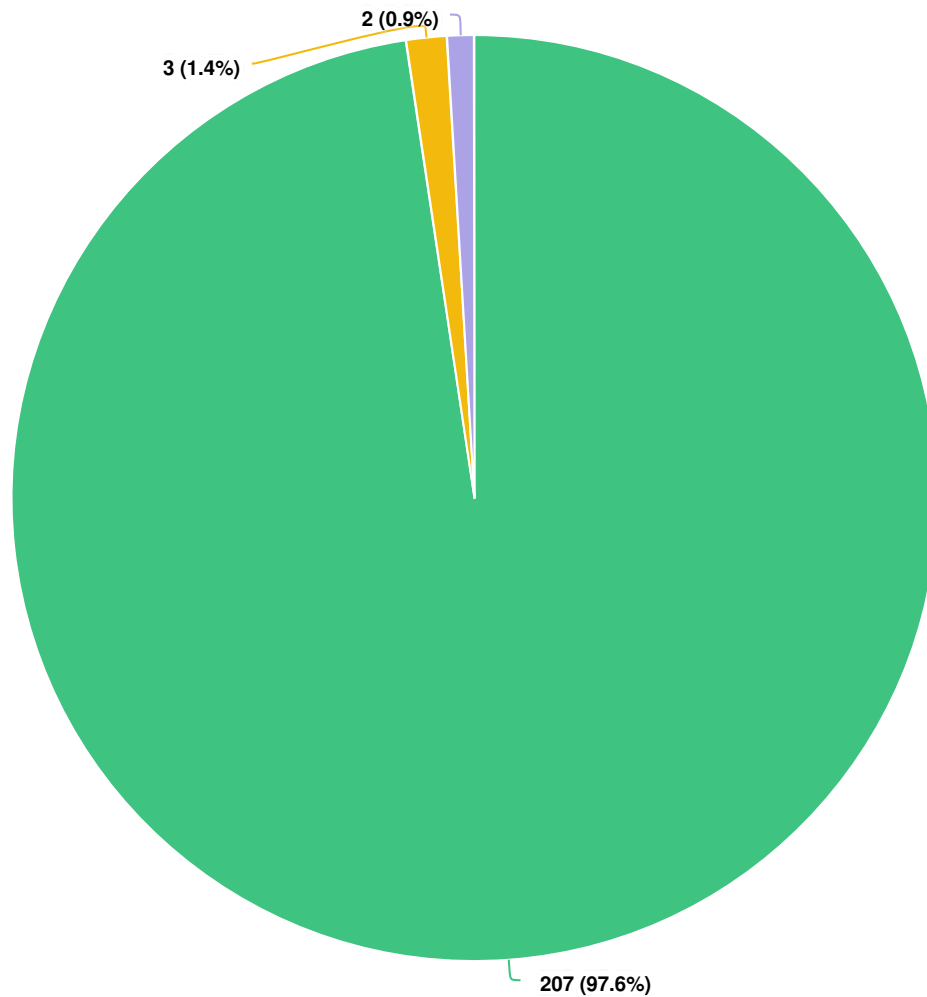
Question options

- Separate items after collection for Reuse, donation or on-sale (High Cost with High Level Environmental Benefits) = 40% to Landfill
- Process through Transfer Stations providing for a level of Recycling (Cost Effective with Moderate Environmental Benefit) = 70% to Landfill
- Use of Compactor Truck to facilitate increased capacity for collection and Disposal (Cost Effective with Low Level Environmental Benefit) = 100% to Landfill
- Other

Optional question (213 response(s), 2 skipped)

Question type: Radio Button Question

Are you a resident of the City of Marion?



Question options

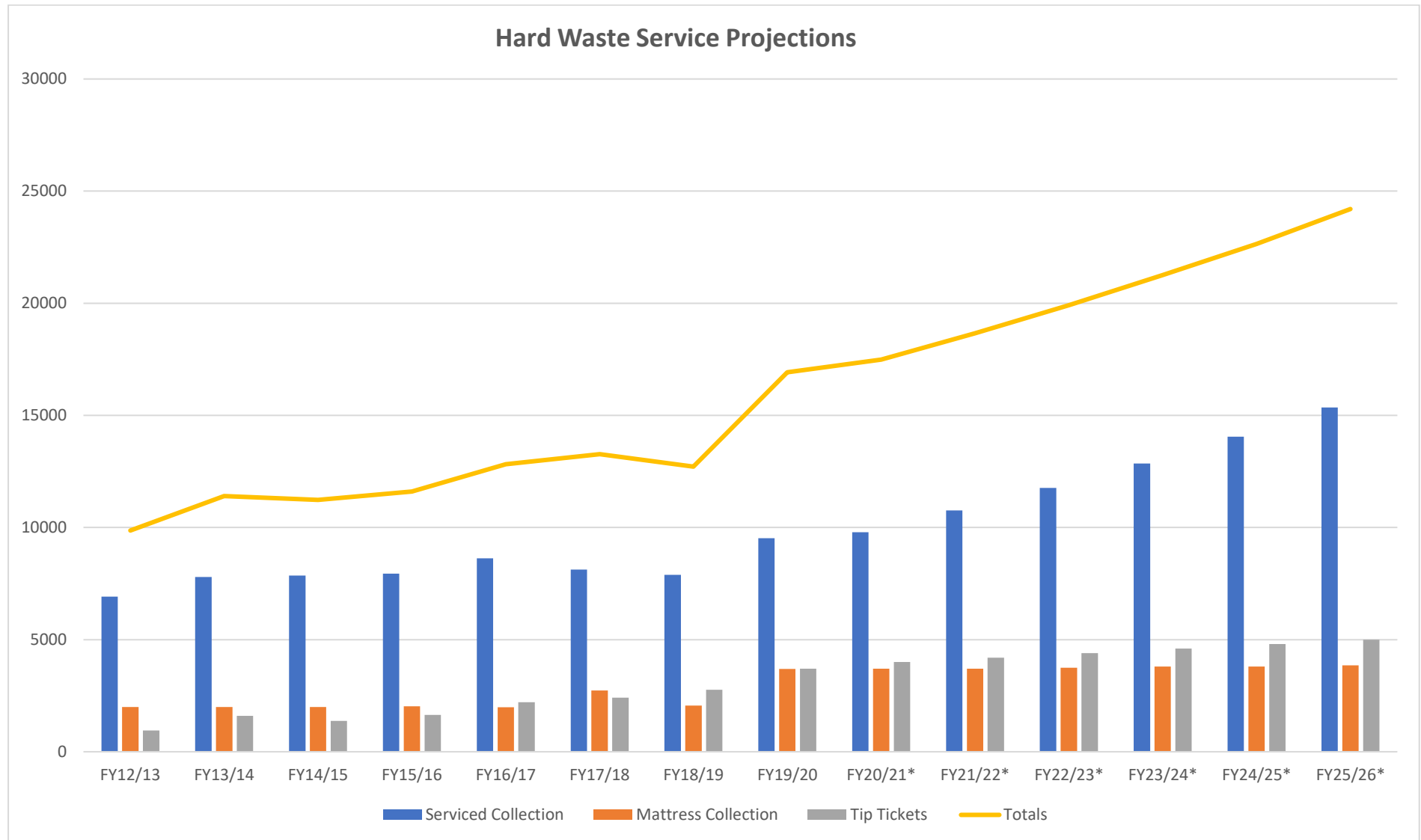
☒ Yes
 ☐ No
 ☐ n/a

Optional question (212 response(s), 3 skipped)

Question type: Radio Button Question

Attachment 3

Hard Waste Service Delivery & Projections FY2012/13 to FY 2025/26:



Attachment 4

Hard Waste Serviced Collection Costed Options

						Total Cost over 5 years
Option 1 - Hard Waste 1 x Flat Bed Tipper; 2 x Collection Staff	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	Fleet Residual Value
Truck Replacement Purchase Costs	\$ 180,000					\$ 119,000
Disposal / Trade-in	-\$ 67,000					
Service Demand	10764	11763	12855	14047	15351	
Number of Collections Serviced - CoM Staff	7200	7200	7200	7200	7200	
Number of Collections serviced - Contracted	3564	4563	5655	6847	8151	
Fleet Annual Costs	\$ 24,970	\$ 25,469	\$ 25,978	\$ 26,498	\$ 27,028	
CoM Staff Cost - 2 x AWU Level5/3	\$ 158,349	\$ 161,516	\$ 164,746	\$ 168,041	\$ 171,402	
Per Collection Cost CoM	\$ 27	\$ 26	\$ 26	\$ 27	\$ 28	
Per Collection Cost Contracted	\$ 44	\$ 45	\$ 45	\$ 46	\$ 47	
Contractor Collection Cost	\$ 155,739	\$ 203,376	\$ 257,070	\$ 317,528	\$ 385,538	
Total Cost Option 1	\$ 452,057	\$ 390,361	\$ 447,794	\$ 512,067	\$ 583,968	\$ 2,386,247

Option 2 - Hard Waste Flat Bed x 2 Tipper x 4 Staff Svc	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	Fleet Residual Value
Truck Replacement Purchase Costs	\$ 180,000	\$ 180,000				\$ 251,800
Disposal / Trade-in	-\$ 67,000					
Service Demand	10764	11763	12855	14047	15351	
Number of Collections Serviced - CoM Staff	7200	11763	12855	14047	14400	
Number of Collections Assisted to Contracted Svc	3564	0	0	0	951	
Fleet Annual Costs	\$ 24,970	\$ 50,938	\$ 51,957	\$ 52,996	\$ 54,056	
Staff Collection Cost - 4 x AWU Level5/3	\$ 158,349	\$ 323,032	\$ 329,492	\$ 336,082	\$ 342,804	
Per Collection Cost CoM	\$ 27	\$ 34	\$ 38	\$ 28	\$ 26	
Per Collection Cost Contracted	\$ 44				\$ 47	
Contractor Collection Cost	\$ 155,739	\$ -	\$ -	\$ -	\$ 44,697	
Total Cost Option 2	\$ 452,057	\$ 553,970	\$ 381,449	\$ 389,078	\$ 441,557	\$ 2,218,111

Option 3 - Compactus Truck Staffed Option	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	Fleet Residual Value
Truck Replacement Purchase Costs	\$ 340,000					\$ 210,000.00
Disposal / Trade-in	-\$ 67,000					
Service Demand	10764	11763	12855	14047	15351	
Number of Collections Serviced - CoM Staff	10764	11763	12855	14047	15351	
Fleet Annual Costs	\$ 31,212	\$ 31,836	\$ 32,473	\$ 33,122	\$ 33,785	
Staff Collection Cost - 2 x AWU Level5/3	\$ 158,349	\$ 161,516	\$ 164,746	\$ 168,041	\$ 171,402	
Reactive Dumped Rubbish Collection Additional Cost	\$ 30,000	\$ 30,600	\$ 31,212	\$ 31,836	\$ 32,473	
Per Collection Cost CoM	\$ 23	\$ 19	\$ 18	\$ 17	\$ 15	
Total Cost Option 3	\$ 492,561	\$ 223,952	\$ 228,431	\$ 233,000	\$ 237,660	\$ 1,415,604

Note: Capacity for use of a Compactus reached in FY25/26

Option 4 - Cost of 100% Contracted (Excluding Disposal)						
Disposal / Trade-in	-\$ 67,000					
Service Demand	10764	11763	12855	14047	15351	
Number of Collections Serviced by Contractor	10764	11763	12855	14047	15351	
Per Collection Cost Contracted	\$ 44	\$ 45	\$ 45	\$ 46	\$ 47	
Hard Rubbish Contracted Collection Cost	\$ 470,356	\$ 524,285	\$ 584,397	\$ 651,402	\$ 726,089	
Reactive Dumped Rubbish Collection Additional Cost	\$ 30,000	\$ 30,600	\$ 31,212	\$ 31,836	\$ 32,473	
Total Cost Option 4	\$ 433,356	\$ 554,885	\$ 615,609	\$ 683,238	\$ 758,562	\$ 3,045,651

Notes: 2% annual CPI applied; Disposal costs excluded from all options

Service Collection Options Assessed Against Four Criteria

Options		Customer Expectations	Environmental Sustainability	WHS	Cost	Totals (of 12)
1	One CoM Truck With Contractor Support	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	9
2	Two CoM Trucks	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓	10
3	One CoM Compactus Truck	✓	X	✓ ✓	✓ ✓ ✓	6
4	Fully Contracted Service	✓ ✓	✓	✓ ✓ ✓	X	6

Best Outcome	✓ ✓ ✓
Improved	✓ ✓
Suitable	✓

Attachment 5 - Dumped Rubbish Cost & Service Provision

Financial Year	Cost	Events Raised	Variance of Events
2012-13	\$ 163,700.00	1,600	30%
2013-14	\$ 141,000.00	1,291	-21%
2014-15	\$ 110,000.00	1,208	-14%
2015-16	\$ 100,000.00	1,292	7%
2016-17	\$ 105,000.00	1,227	-5%
2017-18 (Includes \$13,000 to the Don't Dump Trolleys Campaign)	\$ 120,132.00	1,084	-13%
2018/19	\$ 110,328.00	1,137	5%
2019-20	\$ 99,536.00	1,225	7%
2020-21	\$91,900 Budget	1138 Forecasted	-7%

Waste and Recycling Update

Originating Officer	Unit Manager Environment and Sustainability - Ann Gibbons
Corporate Manager	Manager Engineering, Assets and Environment - Mathew Allen
General Manager	General Manager City Services - Tony Lines
Report Reference	ASC210406R05

Confidential ☐

REPORT OBJECTIVE

The purpose of this report and presentation is to provide an update on organisation-wide waste management and recycling activities.

EXECUTIVE SUMMARY

The City of Marion's Waste Management Policy states that the council "is committed to the protection of public health and minimising waste disposal to landfill by encouraging waste avoidance and maximising resource recovery for recycling" and that it will work within the waste hierarchy and circular economy principles as it delivers services to the community.

A presentation (Attachment 1) delivered in the meeting will highlight how these principles are being integrated across the business, including updates on:

- Policy context
- Operational activities: use of recycled products in our projects.
- Council facilities: waste audits, staff education and upgrades to the chamber kitchen
- Community programs: kitchen caddy roll-out, community and school education programs.
- External influences: State Government policy changes, trial projects, urban infill issues, emerging tricky wastes.

Input from the Committee is sought on the following:

- Are you satisfied with Council's current waste and recycling strategies?
- Do we need to develop waste minimisation and recycling targets for our operations?

RECOMMENDATION

That the Asset and Sustainability Committee:

- 1. Notes the presentation.**

Attachment

#	Attachment
1	ASC210406 - Waste and Recycling

CITY OF MARION



Waste and Recycling Update

Asset and Sustainability Committee

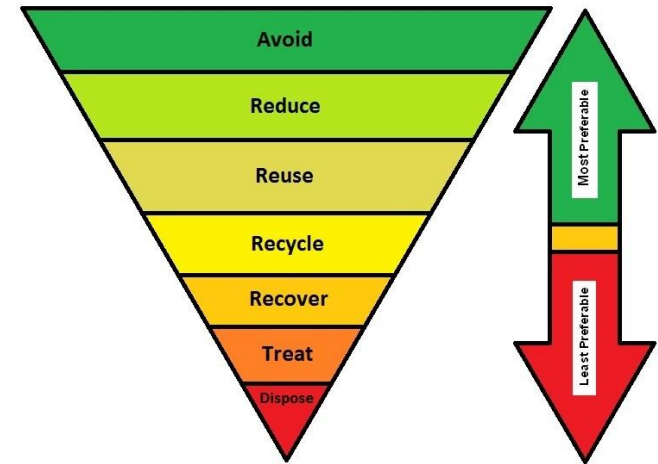
6 April 2021

Policy Context



- ▶ **Waste Management Policy (endorsed 2019)**
 - ▶ Waste hierarchy
 - ▶ Circular economy principles

- ▶ **Sustainable Procurement Policy / Approach**
 - ▶ Increase recycled content / reduce carbon emissions
 - ▶ Support circular economy
 - ▶ Partnership with City of Charles Sturt - LGA Circular Procurement Project



Operational Activities



► Civil / Engineering

- Recycled Asphalt Product (RAP) used on pavements and roads
- Toberite recycled plastic aggregate replacement in concrete for driveway crossovers

► Southern Depot

- Green waste → mulch for use in reserves
- Concrete / Asphalt → rubble for use in engineering / civil projects



Operational Activities



▶ Coastal Walkway Upgrade

- ▶ Recycled material products will be used
- ▶ The structures will incorporate a mixture of FRP (Fibre Reinforced Plastics) as well as using some wood plastic composites.

▶ Oaklands Wetland - aquifer storage and reuse

- ▶ 244 million litres of stormwater captured, cleaned and stored
- ▶ 121 million litres used to irrigate 35 local parks and supply water to the Tonsley Innovation District



Council Facilities



- ▶ **Waste and recycling at Council sites**
 - ▶ Waste Audits at City Services and Admin - Nov 2020
 - ▶ Libraries & Neighbourhood Centres during 2021
 - ▶ GISA grant to provide advice & input
- ▶ **Chamber Kitchen upgrade**
 - ▶ ESD Guidelines
 - ▶ 4 bins - recycling, organics, cans & bottles, waste to landfill
 - ▶ Signage to support good recycling behaviours
- ▶ **Staff education**
 - ▶ Lunchtime awareness raising sessions
 - ▶ Green@Work initiatives (e.g. remember your keep cup)



Community Programs



- ▶ **Kitchen Caddy Rollout**
 - ▶ GISA grant
 - ▶ Distribution to households from August 2021
 - ▶ FAQ and other communications will be available
 - ▶ Community survey
 - ▶ Education sessions - Neighbourhood Centres, Libraries, etc.

- ▶ **Community Education Activities**
 - ▶ Cleanaway staff resource (0.25 FTE)
 - ▶ Linking with Green Adelaide Education Officer
 - ▶ Schools programs
 - ▶ Waste-free Council events

- ▶ **Edwardstown Precinct**
 - ▶ Circular Economy / Sharing Economy





External Influences



▶ New Legislation & Policies

- ▶ Single-use and Other Plastic Products (Waste Avoidance) Act 2020 - from 1 March 2021
- ▶ SA Waste Strategy 2020-2025
- ▶ SA Food Waste Strategy

▶ Holdfast Bay FOGO Trial

- ▶ Weekly FOGO; fortnightly landfill
- ▶ 800 households
- ▶ ~86% diversion from landfill

▶ Infill Development

- ▶ Rethink Waste and Recycling Services

▶ Emerging Tricky Waste Streams

- ▶ Solar Panels - new recycling facility at Lonsdale
- ▶ Batteries
- ▶ Clothing & textiles





- ▶ Are you satisfied with Council's current waste and recycling strategies?
- ▶ Do we need to develop waste minimisation and recycling targets for our operations?

REPORTS FOR NOTING - Nil**OTHER BUSINESS****MEETING CLOSURE**

The meeting shall conclude on or before 9.30pm unless there is a specific motion adopted at the meeting to continue beyond that time.