

Reference: AF12/377

25th July, 2016

MEMBERS

NOTICE is given that the Environmental Sustainability Sub-Committee will meet in the following Meeting Room on the day, date and time as follows:

Environmental Sustainability Sub-Committee
(*Conference Room – Level 1*):

Tuesday, 2nd August 2016 at 7:30 a.m.

An agenda for the meeting is enclosed.



Mark McSHANE
CHIEF EXECUTIVE OFFICER

CONFLICT OF INTEREST DISCLOSURE FORM

I _____,
(insert name)

have received a copy of the agenda for the ordinary special meeting of the

_____ Council Committee Board
(insert full name of Committee/Sub-Committee/Board)

to be held on: _____
(insert date of meeting)

CONFLICT OF INTEREST DISCLOSURE

I consider that I have a:

material conflict of interest pursuant to section 73 (complete and sign below)

actual or **perceived** conflict of interest pursuant to section 74 (complete and sign overleaf)

of the *Local Government Act 1999* ("the LG Act") in relation to the following agenda item:

(insert details - include Agenda Item No, Report Number, Item/Report Subject Title)

which is to be discussed at that meeting.

MATERIAL

The nature of my **material** conflict of interest is as follows [*ensure sufficient detail is recorded, including the reasons why you (or a person prescribed in section 73(1) of the LG Act) stands to obtain a benefit or suffer a loss depending on the outcome of the consideration of the matter at the meeting of the Council in relation to the agenda item described above*]:

In accordance with section 74(1)(b) I will be leaving the meeting room while the matter is being discussed and voted on.

Signature

Date

In accordance with section 75A(2)(b) I propose to not to participate in the meeting in relation to the matter.

ACTUAL

The nature of my **actual** conflict of interest is as follows *[ensure sufficient detail is recorded, including the reasons why the conflict between your interests and the public interests might lead to a decision that is contrary to the public interest in relation to the agenda item described above]:*

Where I have proposed to participate in the meeting I intend to deal with my **actual** conflict of interest in the following transparent and accountable way *[ensure sufficient detail is recorded as to the manner in which you intend to deal with the actual conflict of interest in a transparent and accountable way].*

OR

PERCEIVED

The nature of the **perceived** conflict of interest is as follows *[ensure sufficient detail is recorded, including the reasons why you consider that an impartial fair-minded person could reasonably consider that you have a perceived conflict of interest in the matter].*

Where I have proposed to participate I intend to deal with the **perceived** conflict of interest in the following transparent and accountable way *[ensure sufficient detail is recorded as to the manner in which you intend to deal with the perceived conflict of interest in a transparent and accountable way].*

Signature

Date

ENVIRONMENTAL SUSTAINABILITY SUB-COMMITTEE
Meeting to be held on Tuesday, 2nd August 2016 at 7.30 a.m.

AGENDA

1. ENVIRONMENTAL MANAGEMENT – Project Management - Solar Systems at Council Facilities - Ref. AF11/407
2. ENVIRONMENTAL MANAGEMENT – Edible Plants in Public Space – Fruit Trees for Hastings Cunningham Reserve - Ref. AF14/96
3. ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Kitchen Caddy Roll Out - Ref. AF11/408
4. ENVIRONMENTAL Sustainability report No. 4/2016 – Environmental Management – Environmental Waste Management and Education Program – Recycle Right Bin Tagging - Ref. AF11/408
5. ENVIRONMENTAL MANAGEMENT – Environmental waste Management and Education Program – Oatmill Cinema Advertising - Ref. AF11/408
6. ENVIRONMENTAL MANAGEMENT – Environmental Sustainability Initiatives – Sustainability Innovation Fund - Ref. AF11/407
7. ENVIRONMENTAL MANAGEMENT - Environmental Sustainability Sub-Committee - Reports for Information - Ref. AF12/377

ENVIRONMENTAL SUSTAINABILITY SUB-COMMITTEE

Meeting to be held in the Conference Room, Operational Services Area, Level One of Civic Centre,
10 Watson Terrace, Mount Gambier, on Tuesday 2nd August 2016 at 7:30 a.m.

AGENDA

PRESENT: Cr I Von Stanke (Presiding Member)
Crs D Mutton, P Richardson and S Mezinec

COUNCIL OFFICERS: Daryl Sexton, Director - Operational Services
Aaron Izzard, Environmental Sustainability Officer
Carmel Ron, Environmental Sustainability Officer
Sarah Moretti, Administration Officer - Operational Services

APOLOGIES: moved the apology received from be
accepted.
seconded

COUNCIL MEMBERS
AS OBSERVERS:

WE ACKNOWLEDGE THE BOANDIK PEOPLES AS THE TRADITIONAL CUSTODIANS OF THE LAND WHERE WE MEET TODAY. WE RESPECT THEIR SPIRITUAL RELATIONSHIP WITH THE LAND AND RECOGNISE THE DEEP FEELINGS OF ATTACHMENT OUR INDIGENOUS PEOPLES HAVE WITH THIS LAND.

MINUTES: moved that the minutes of the previous meeting held on
Tuesday, 7th June 2016 be taken as read and confirmed.
seconded

QUESTIONS: (a) With Notice - nil submitted.
(b) Without Notice -

1. ENVIRONMENTAL MANAGEMENT – Project Management - Solar Systems at Council Facilities - Ref. AF11/407

The Environmental Sustainability Officer reported:

- (a) Council has a long standing commitment to the Natural Step Framework. Part of the Framework is gradually reducing emissions of greenhouse gases (GHG) into the atmosphere. Council has undertaken many actions to this end, one of which is investigating renewable energy.
- (b) At the 20th October 2015 Council meeting it was resolved to install solar power systems at three Council sites – the Depot, Waste Transfer Centre and Carinya Gardens Cemetery. The three systems have now been installed and are fully operational.
- (c) The Depot solar system is 29.9 kW, Carinya Gardens 10.4 kW, and WTC 5.2 kW – a total of 45.5 kW. The three systems combined are expected to result in financial savings of approximately \$14,000 per year, and 47 tonnes of GHG emissions – for 25 years, increasing as the price of electricity increases. Online monitoring for the WTC solar system is currently operational, and will be in the near future for the Depot and Carinya Gardens.
- (d) On the topic of solar it is worth noting that the Library solar system was projected to save \$18,000 per year. In its first year the system resulted in financial savings of over \$23,000.

Environmental Sustainability Sub-Committee Agenda for 2nd August 2016 Cont'd...

- (e) This financial year a 67.34 kW solar system will also be installed on the roof of the Aquatic Centre. It is projected to result in financial savings of approximately \$14,240, and 38.8 tonnes of GHG per year.
- (f) When the Aquatic Centre system is installed, the combined capacity of all of Council's solar systems will be 170 kW. This is projected to result in financial savings of approximately \$46,000-\$51,000, and 130 tonnes of GHG every year for 25 years, increasing as the price of electricity increases.

moved it be recommended:

- (a) The report be received.

seconded

2. ENVIRONMENTAL MANAGEMENT – Edible Plants in Public Space – Fruit Trees for Hastings Cunningham Reserve - Ref. AF14/96

The Environmental Sustainability Officer reported:

- (a) In 2012 Council commenced a program of planting small numbers of fruit trees and other edible plants in Council reserves, in conjunction with local residents. To date Council has planted almost 40 fruit trees and almost 50 herb plants across the Clty. The purpose of these plantings is to promote fresh, local healthy food, and also bring residents together.
- (b) Recently Council has been contacted with a request to plant fruit trees along the shared cycling and walking Rail Trail that is currently being completed. On the surface this is an attractive idea, but there are issues with this proposal:
 - Council's lease with the Department of Planning, Transport and Infrastructure (DPTI) only refers to constructing the path on the tracks, it does not contain any reference to planting fruit trees.
 - There is a high potential that the rail line contains contamination, as such, it is not advisable to plant edible plants like fruit trees in the rail corridor.
- (c) An alternative option is to plant a small number of fruit trees on the northern boundary of Hastings Cunningham Reserve. That is Council land, outside the potential contamination zone, but still within a reasonable proximity to the Rail Trail.
- (d) It is proposed to plant five fruit trees in this location - Apple – granny smith, Apple – pink lady, Pear, Apricot and Mandarin.

moved it be recommended:

- (a) The report be received;
- (b) Plant five fruit trees on the northern boundary of Hastings Cunningham Reserve, in order for fruit to be accessible to users of the Rail Trail

Seconded

3. ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Kitchen Caddy Roll Out - Ref. AF11/408

The Environmental Sustainability Officer reported:

Environmental Sustainability Sub-Committee Agenda for 2nd August 2016 Cont'd...

- (a) Every year Mount Gambier residents send over 2,500 tonnes of organics to landfill – the majority of which is food scraps. Over a two week period in February 2016 City of Mount Gambier staff conducted a waste audit of household rubbish, recycling and organics bins.
- (b) Over 35% of the contents of rubbish bins was food scraps, and a further 9% was garden organics. When organic material is buried in landfill it creates leachate and methane, which both have the potential to pollute the environment. It is also a waste of resources, as organics can be composted and returned back to the land on gardens and farms.
- (c) In June 2014 consultants at Blue Environment undertook detailed research into possible options for managing Council's organic waste, with the aim of reducing the amounts of organics being deposited into landfill.
- (d) At the 17 March 2015 Council meeting the following resolution was passed:

"in the 2015/2016 financial year, offer free kitchen caddies and bio-bags to the first 2,000 subscribers to the Organics kerbside service who want them, in line with Scenario 2 of the Blue Environment modelling. The approximate cost of \$15,300 to be referred to the 2015/2016 budget. This should be followed up with a survey of users, as well as random anonymous organics bin audits in October 2015 to assess the performance of the system;"
- (e) The roll out of the kitchen caddies commenced on the 31st of May 2016 and was completed on the 7th of July 2016. All 2,000 kitchen caddies were given out to subscribers of the green organics service. All caddies contained a roll of compostable bags, as well as a flyer explaining how to use the caddy and where to get replacement compostable bags.
- (f) The caddies proved to be quite popular and were taken up at rapid rate. At the time that the last caddy was given away approximately 70% of green organics subscribers had taken a caddy. Many real estate agents who bought subscriptions in bulk did not take caddies. Some subscribers already had home compost, worm farms, chickens etc. and so did not take a caddy. Some subscribers were not interested.
- (g) So far there has been good feedback about the caddies, with residents enjoying having an option to responsibly dispose of their food scraps to compost, rather than landfill.
- (h) Prior to the distribution of the caddies a random audit was taken of 100 rubbish, 100 recycling and 30 organics bins. The results of the audit were reported to the April Environmental Sustainability Sub-Committee (ESSC) meeting. A survey was also undertaken. The results of the survey were reported to the June ESSC meeting. An audit and a survey will also be conducted after the 12 month trial.

moved it be recommended:

- (a) The report be received;

seconded

4. **ENVIRONMENTAL Sustainability Report No. 4/2016 – Environmental Management – Environmental Waste Management and Education Program – Recycle Right Bin Tagging - Ref. AF11/408**

moved it be recommended:

- (a) Environmental Sustainability Report No. 4/2016 be received;

Environmental Sustainability Sub-Committee Agenda for 2nd August 2016 Cont'd...

- (b) Council continue the Bin Tagging Program and provide incentives for improving the recycling behaviour of participating households; including 10 gift vouchers worth \$20.00 each;
- (c) Council continue to enhance the waste and recycling education strategy through continued promotional material and increased local media activity.

seconded

5. ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Oatmill Cinema Advertising - Ref. AF11/408

The Environmental Sustainability Officer reported:

- (a) The City of Mount Gambier has a strong history of environmental sustainability initiatives aimed at improving the natural environment we live in now and into the future. Since adopting the Natural Step Framework in 2008 Council has maintained its focus on working towards reducing and eliminating waste to landfill and improving reuse and recycling behaviour amongst its residents.
- (b) Behaviour change is an important step towards achieving a sustainable society and education is a key step to realizing this. As part of the education and engagement strategy within the City of Mount Gambier, a variety of written and visual materials have been used in the past. Posters; pamphlets; stickers; magnets; media releases; presentations; bin audits; bin tagging; and videos are all examples of Council's commitment to understanding and improving upon the education and attitudes of the community in relation to waste and recycling.
- (c) In order to add value to the continuous improvement of waste and recycling outcomes the education and engagement strategy is being expanded, with the creation of a year long advertising campaign to begin shortly at the Oatmill cinema.
- (d) The advertisement will be made using the services of Big Screen Advertising and aims to highlight the four major groups of recyclable products including facts relating to the energy and resources saved when recycling correctly. Information about councils' recycling services and links to the website will also be included to create greater exposure for the educational materials already produced.
- (e) The project will include the production of the advertisement; photo shoot; 30 second advertisement (for the price of 15 seconds); screening across all 3 Oatmill Cinema screens over a 12 month period; for a total cost of \$8,996 excluding G.S.T. With 3 screens and approximately 35 sessions a week, this means there will be approximately 5,460 adverts over the course of the campaign, which equates to \$1.65 per advert screening. The cost of this project will be funded internally from the Environmental Sustainability Initiatives budget.
- (f) Using the local cinema will provide the Council with an opportunity to engage the community in another forum, in a cost effective way. With a wide range of audiences this advertisement has the potential to influence and improve waste and recycling knowledge and enhance the image of Council simultaneously.

moved it be recommended:

- (a) The report be received and contents noted;

seconded

Environmental Sustainability Sub-Committee Agenda for 2nd August 2016 Cont'd...

6. ENVIRONMENTAL MANAGEMENT – Environmental Sustainability Initiatives – Sustainability Innovation Fund - Ref. AF11/407

The Environmental Sustainability Officer reported:

- (a) As part of Council's commitment to ongoing learning and continued improvement in the area of environmental sustainability within the community, the establishment of an Environmental Sustainability Innovation Fund was proposed in the Environmental Sustainability Report No. 1/2016 (see attachment).
- (b) With the possibility of a wide range of sustainability topics covered, the Environmental Sustainability Innovation Fund was proposed in order to demonstrate Council's active role in establishing Mount Gambier as a national leader in small scale environmental sustainability innovation. Additionally, the fund aims to encourage creativity and exploration of ideas within the local community; enhance the resilience of the City and increase skills, capacity and knowledge within the community. This would be achieved through grant recipients' commitment to actively share their learning's, information and knowledge with the wider community at no cost.
- (c) Following the adoption of the 2016-2017 budget, \$20,000 is available for the creation of this fund as a trial. This fund is proposed to be a merit-based grants program which means the applications must rate highly against the merit criteria. (Refer to the attachment for the proposal criteria).
- (d) The recommended course of action is:
 - 1. Environmental Sustainability Officers create a grant application form (online and hard copy) for individuals or groups residing in the City to fill out;
 - 2. Promotional material be created and disseminated amongst the community;
 - 3. Applications to be submitted to Council by Friday, October 21st 2016;
 - 4. Environmental Sustainability Officers to present the applications and recommend allocation of funds to the Environmental Sustainability Sub-Committee on Tuesday, 1st November 2016. The maximum amount of any grant available is \$5000;
 - 5. Following approval of funding by Council, successful applicants be notified;
 - 6. Applicants must undertake project within six (6) months of approval of grant;
 - 7. The successful applicants must submit to Council, an invoice or receipt of payment for the completed project, prior to the grant being issued, where reasonable to do so;
 - 8. As part of receiving the grant, Environmental Sustainability Officers will make arrangements to release the information learnt and data collected from successful applicants.

moved it be recommended:

- (a) The report be received;
- (b) Council endorse the activation of the Environmental Sustainability Innovation Fund and in accordance with the recommendation actions in this report.

seconded

Environmental Sustainability Sub-Committee Agenda for 2nd August 2016 Cont'd...

7. ENVIRONMENTAL MANAGEMENT - Environmental Sustainability Sub-Committee - Reports for Information - Ref. AF12/377

The Environmental Sustainability Officer reported:

(a) Environmental Sustainability Program 2016 - Project Progress

The current table outlining projects for 2016 is attached to the agenda for Members information.

moved it be recommended:

- (a) The report be received;
- (b) item (a) as above be received and noted for information.

seconded

MOTIONS WITHOUT NOTICE

The meeting closed at a.m.

25 July 2016
AF12/377
SM

ENVIRONMENTAL SUSTAINABILITY REPORT NO. 4/2016

SUBJECT: ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Recycle Right Bin Tagging - Ref. AF11/408

Following the Recycle Right Bin Tagging program conducted from October to December 2015, the City of Mount Gambier Council endorsed the continuation of this program within the City.

Based on previous rounds, the program was run for three collections across six weeks with an introductory education tag in the fortnight before tagging, a total of four visits to each household. Week 1 data was collected on Wednesday 6th April and the program was completed on Wednesday 18th May.

Before beginning the program, Council identified an area and number of households which would be involved in the program; a total of 163 residential households were chosen. The area chosen was intended to be at the end of the recycling and waste truck route, to ensure that bins could be inspected prior to being emptied. During the trial a small percentage of waste bins were emptied before being inspected and measures were taken to ensure this did not impact the results.

This program was successful in reducing both the number of recycling bins presented with contamination and level of contamination in recycling bins with incorrect items, and in reducing the number of waste bins presented with contamination. (See Attachment for result tables and graphs)

On first inspection the average number of contaminated recycling bins was 65%, which decreased to 40% by the final week of the program. This resulted in a 38% reduction in contamination across four collections.

The top six contaminants placed in recycling bins at the beginning of the trial in order of prevalence were containers and bottles with lids on, bagged waste, textiles/clothing, food and organic material, polystyrene and dirty soft plastics.

The level of contamination presented in recycling bins also dropped across the trial by 21%; meaning that recycling bins that still presented contamination, presented a lower level of contamination.

Presentation rates of recycling bins averaged 79% over the time the bins were tagged. Recycling bins were on average 76% full. Participation and capacity rates for recycling bins do not indicate a need for increased/decreased frequency in recycling collections.

On first inspection, the average number of contaminated waste bins, predominantly with recyclables, was 65%, which decreased to 27% by the end of the trial. This resulted in a 58% reduction in contamination across four collections.

The presentation rate of waste bins remained steady across the trial at an average of 87%. Waste bins were on average 72% full. Participation and capacity rates for waste bins do not indicate a need for increased/decreased frequency in waste collections.

The following are strategies for improved, ongoing educational activities to assist householders to develop the desired knowledge and behaviours:

1. Continue with ongoing waste education aiming to transition all material to adhere to Council branding; presentations to community and school groups; visits to the recycling facility; and the A-Z Disposal Guide. Households who need improvement could be targeted

Environmental Sustainability Report No. 4/2016 Cont'd...

by sending information packs directly to their address. Positive reinforcement is also extremely important to enhance the commitment of recycling from the community.

2. Increase local media activity through media releases and advertising. A range of advertisements on the main contaminants and poor recycling practice could be placed during and/or in the lead up to the bin tagging program in the papers most likely to be read in the area being tagged. Media attention to the bin tagging program can be very helpful in educating the community about why the program is occurring and what they can do to improve their recycling behaviours.
3. Include incentives as a part of future bin tagging programs to provide greater promotion of the bin tagging program, and encourage wider community improvement in recycling. \$20 gift vouchers could be created as prizes and participants can be told that their results will be compared to others. This incentive could provide competition to improve recycling habits. After the prize has been allocated the winners could be interviewed for tips on what they do in their household to improve recycling.

When comparing the results from this bin tagging round to the previous trial, the results show that this recent round achieved more marked improvements from beginning to end. In the initial exercise, the overall number of contaminated recycling bins reduced by 22% compared to the 38% achieved in the most recent trial. Additionally, the overall number of contaminated waste bins reduced by 22% in the initial trial compared to the 58% reduction in the most recent trial.

These results highlight the positive trend on improved behaviours that arises from providing direct feedback and positive reinforcement. This program provides an insight into the areas of recycling and waste which require improvement and gives the Council an alternative avenue to engage the public.

RECOMMENDATION

- (a) Environmental Sustainability Report No. 4/2016 be received;
- (b) Council continue the Bin Tagging Program and provide incentives for improving the recycling behaviour of participating households; including 10 gift vouchers worth \$20.00 each;
- (c) Council continue to enhance the waste and recycling education strategy through continued promotional material and increased local media activity.

Sighted:



Carmel RON
ENVIRONMENTAL SUSTAINABILITY OFFICER



Daryl SEXTON
DIRECTOR – OPERATIONAL SERVICES

AF16/24
25th July 2016
SM

(Refer Item of Environmental Sustainability Sub-Committee Minutes)

Recycle Right Bin Tagging Attachment

Table 1: Percentage of bins with contamination

Percentage of recycling bins with contamination	Week 1	Week 2	Week 3	Week 4
Recycling	65	50	50	40
Waste	65	47	42	27

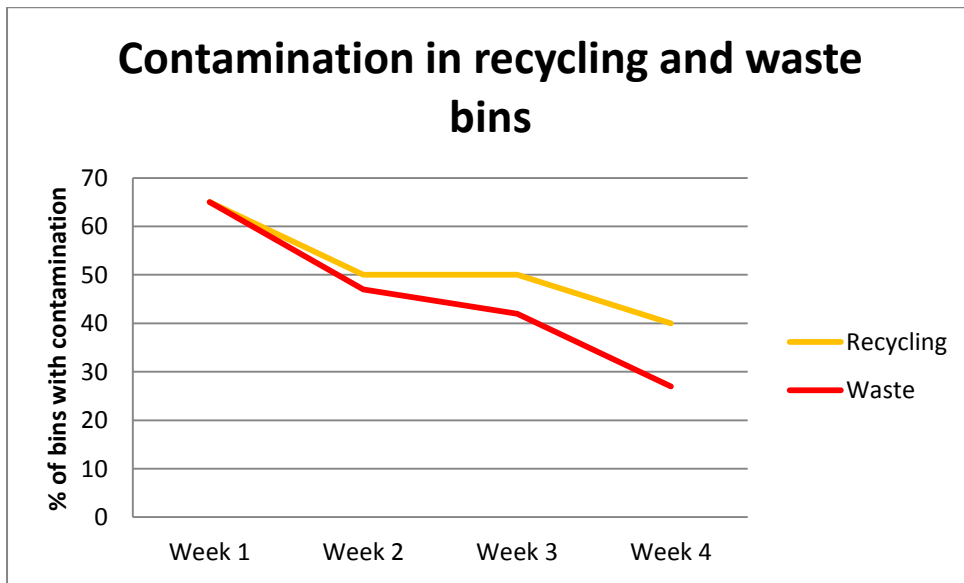


Table 2: Presentation rates of recycling and waste bins

Presentation rates	Week 1	Week 2	Week 3	Week 4	Average
Recycling	80	78	79	80	79
Waste	88	85	87	88	87

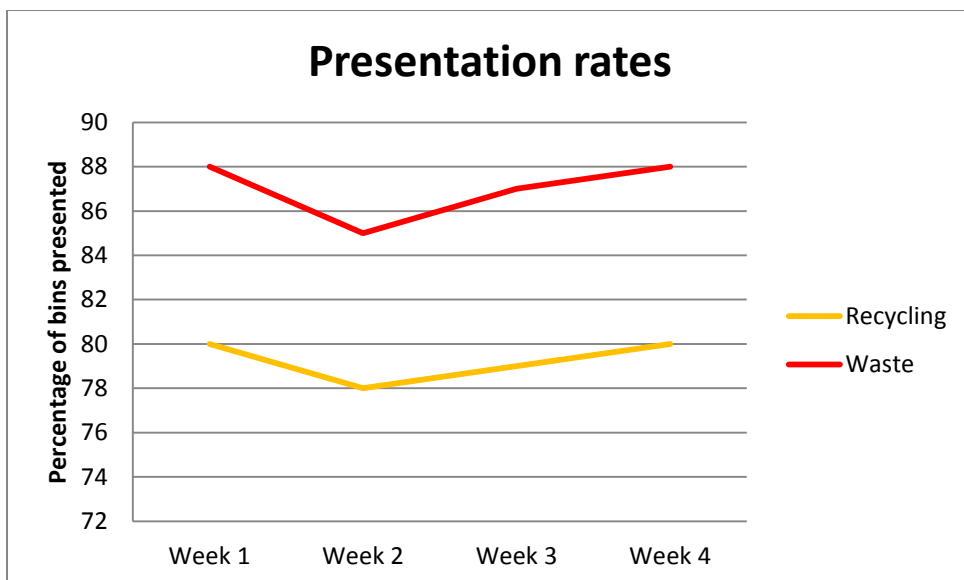
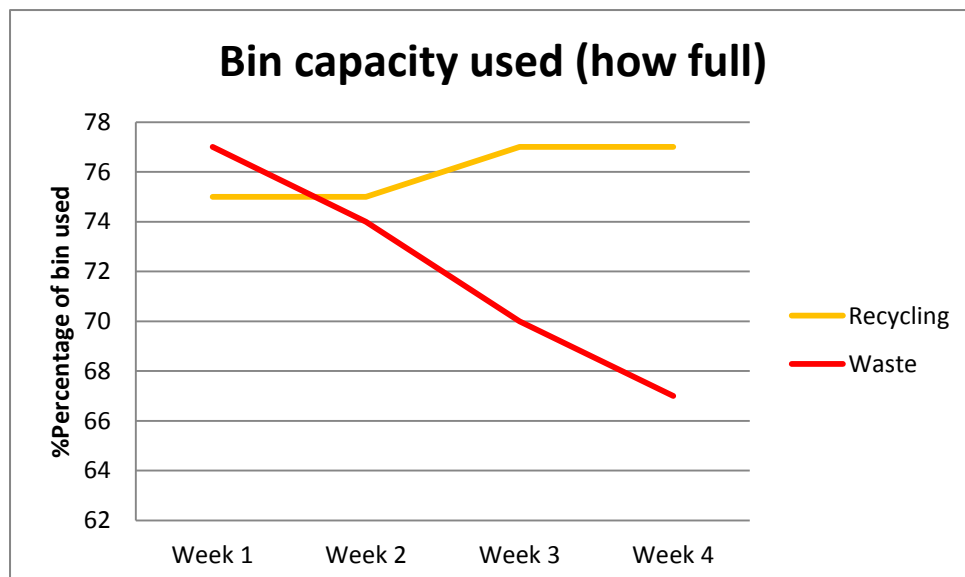


Table 3: Percentage of the capacity of bins used

Percentage of bin 'full'	Week 1	Week 2	Week 3	Week 4	Average
Recycling	75	75	77	77	76
Waste	77	74	70	67	72



Level of contamination

1 = less than 10% of the contents were a contaminant

2 = between 11–30% of the contents were contaminants

3 = gross contamination with more than 30% of the contents contaminants.

Table 4: Average contamination levels in recycling bins with contamination

Average contamination levels in recycling bins	Week 1	Week 2	Week 3	Week 4
Mount Gambier	1.5	1.4	1.3	1.2

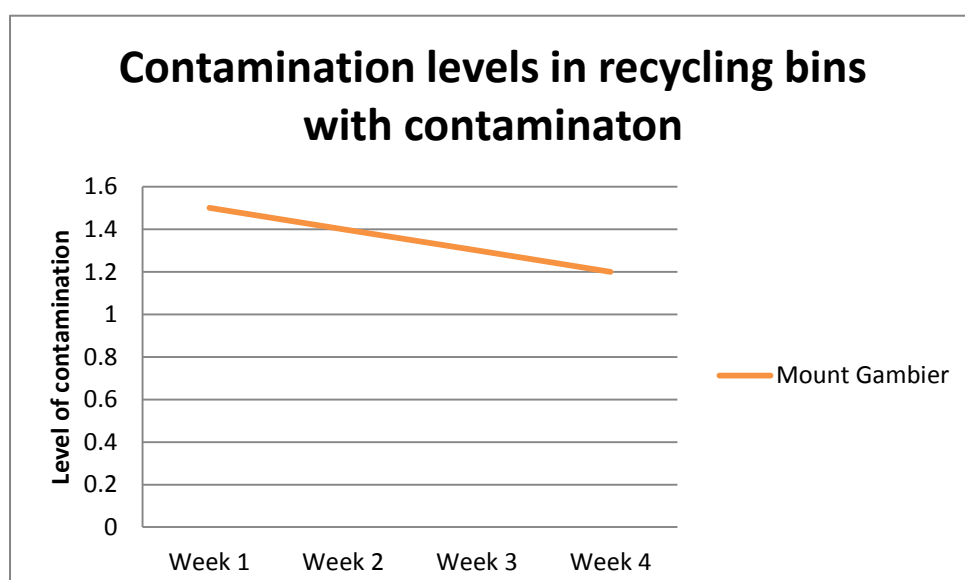
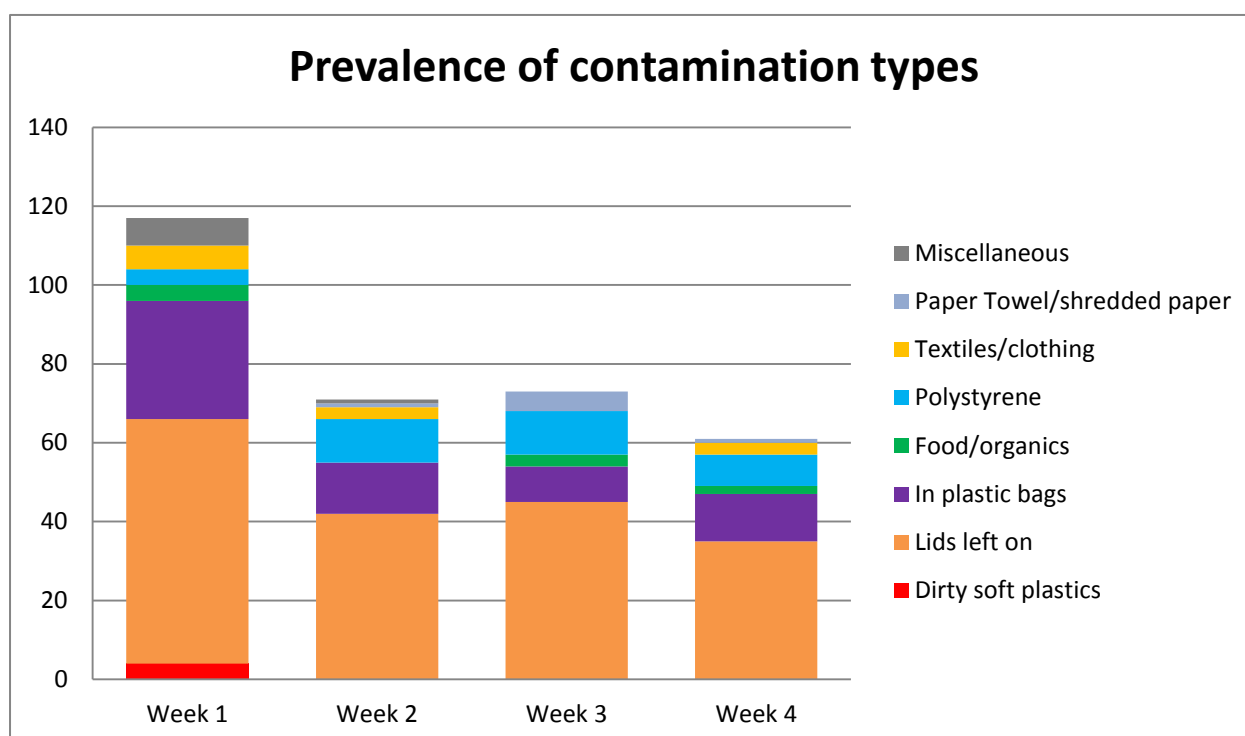


Table 5: Number of contaminated recycling bins by contaminant

Number of Recycling Bins with contaminant	Week 1	Week 2	Week 3	Week 4
Dirty soft plastics	4	0	0	0
Lids left on	62	42	45	35
In plastic bags	30	13	9	12
Food/organics	4	0	3	2
Polystyrene	4	11	11	8
Textiles/clothing	6	3	0	3
Paper Towel/shredded paper	0	1	5	1
Miscellaneous	7	1	0	0



ENVIRONMENTAL SUSTAINABILITY REPORT NO. 1/2016

<p>SUBJECT: ENVIRONMENTAL MANAGEMENT – Environmental Sustainability Initiatives – Proposed Sustainability Innovation Fund - Ref. AF11/407</p>

Goal: Environment
Strategic Objective: (i) Support initiatives that value and preserve our unique environment and contribute to environmental sustainability

The City of Mount Gambier has made a strong commitment to embrace environmental sustainability. Council has become very aware of its environment and that of the community and wishes to act as a local leader and also aid in demonstrating environmental sustainability actions and environmental compliance.

As part of Council's commitment to ongoing learning and continued improvement in the area of environmental sustainability within the community, the establishment of an Environmental Sustainability Innovation Fund is being proposed.

The Sustainability Innovation Fund would offer merit-based grants to individuals and groups to research new technologies and develop new products, processes and services which lead to positive social, environmental and economic outcomes. After completion grant recipients will have a commitment to actively share their learning's, information and knowledge with the wider community at no cost. This may include, but not be limited to, a public presentation about their project.

The topics covered by the Fund are broad and could include any project relating to:

- Water
- Renewable Energy
- Energy Efficiency
- Transport
- Housing & Buildings
- Waste & Recycling
- Natural Environment
- Well Being
- Local Food

In administering these funds Council could look to:

- Encourage creativity and exploration of ideas within the local community.
- Establish Mount Gambier as a national leader in small scale environmental sustainability innovation.
- Enhance the resilience of the community – in line with the City Development Framework.
- Support activities that could reduce environmental impact.
- Promote forward thinking and innovation amongst residents of Mount Gambier.
- Increase skills, capacity and knowledge within the community.
- Reduce costs of undertaking and continuing activities.
- Improve efficiencies in current practices.
- Increase value for users within the community.
- Remove barriers of undertaking and continuing activities.

The Sustainability Innovation Fund proposed would be a merit-based grants program which means applications must rate highly against the merit criteria. The value of the grant would be dependent on the number of applications and budget allocation by Council. Sustainability

Environmental Sustainability Report No.1/2016 Cont'd...

Officers will present applications and recommend allocation of funds to the Environmental Sustainability Sub-Committee. The ESSC may look to have delegation of Authority to divide funds.

The total value of the proposed fund is suggested to be \$20,000 per annum. It is proposed to run the program in 2016-2017 as a trial. The results and subsequent recommendations will be brought to Council after the initial 12 months.

The guidelines for the proposed Sustainability Innovation Fund could be:

1. All of the innovation fund is allocated by grants administered by the ESSC;
2. Any individual or group residing/located within the City of Mount Gambier with an idea that can lead to positive social, environmental and economic outcomes i.e. triple bottom line, are eligible to apply;
3. The maximum amount of any grant available is \$5000, although this amount will vary. It is envisaged that most grants will be \$500-\$1,000 per application.
4. The criteria to successfully apply for a grant to include:
 - a) Potential of positive environmental, social and economic outcomes achieved. Verification through data collection and monitoring will be looked upon favourably;
 - b) Level of innovation.
 - c) Project design;
 - d) The capacity and capability of the applicant to undertake the project, including providing referees to that effect;
 - e) Transferability potential, both knowledge and economically;
 - f) The works shall be undertaken within six (6) months of approval of grant;
 - g) The successful applicant must submit to Council, an invoice or receipt of payment for the completed project, prior to the grant being issued*

*Where reasonable

RECOMMENDATION

- (a) Environmental Sustainability Report No. 1/2016 be received;
- (b) Council allocate an amount of \$20,000 in the 2016-2017 budget for the creation of an Environmental Sustainability Innovation Fund as outlined in ESR 1/2016.

Sighted:



Carmel RON
ENVIRONMENTAL SUSTAINABILITY OFFICER



Daryl SEXTON
DIRECTOR – OPERATIONAL SERVICES

AF16/24
21st December 2015
SM

(Refer Item of Environmental Sustainability Sub-Committee Minutes)

Environmental Sustainability Program 2016 – Project Progress

Updated: 2nd August 2016

Project	Summary	Progress Notes
Salvage Yard	Investigate opportunities for re-establishing a salvage yard in Eucalypt Drive.	On 17 November 2015 Council resolved to abandon the EOI process, and authorise selected staff to liaise directly with potential operators. These discussions are now taking place.
Organics Next Steps	Investigate opportunities for reducing the amount of organic waste being put in Council's kerbside rubbish bins.	At the March 2015 Council meeting Council approved the release of 2,000 kitchen caddies with bio-bags to organics bin subscribers in the 2015-2016 financial year. The caddies have all been given out. Bulk buy opportunities for compost bins and worm farms are also being investigated.
Bin Tagging	This involves checking the contents of waste and recycling bins from 150 properties, and give specific feedback about what goes in which bins.	A third round of bin tagging is now complete.
2016 KESAB Awards	Nominate City of Mount Gambier for numerous categories within the KESAB awards.	Council's submission for the 2016 Sustainable Communities awards has been submitted. Judging will occur later in the year.
Carbon Neutrality	Council endeavours to operate in a carbon neutral environment.	On 19 April 2016 Council resolved that as from 1st July 2017, the City of Mount Gambier endeavour to operate in a carbon neutral environment, including a possible levy and on landfill customers to offset carbon emissions from the landfill. Background work on this matter is being conducted.
Solar Systems – Depot, Transfer Station & Carinya	Install solar systems at these three facilities.	All three systems are now fully operational.
Park & Stride Mount Gambier	The aim of this 12 month project is to encourage community members who come to central Mount Gambier to shop, to park in an off-street car park and walk to shop, rather than drive from shop to shop.	The program has been launched. So far there have been over 770 Facebook page likes, 150 Surveys completed, over 150 people make the public commitment, and thousands of Facebook 'Post Reach'. A variety of prizes have been given including shop vouchers and P&S eftpos cards.
Caroline Landfill Audit	Audit the trucks depositing waste to the landfill to identify opportunities to reduce the amount of recyclables and organics that are being deposited.	Contractors have been contacted to let them know the results of the audit and to find a way forward to reduce contamination.
Efficient Homes Project	This project involves installing temperature loggers in houses constructed of a variety of materials – rammed earth, modern eclectic, modern brick veneer and limestone – and leaving them in situ for 12 months.	The final set of loggers for 2015-2016 have been installed in the fourth home. Loggers will remain in situ for 12 months.
Aquatic Centre Energy Audit	An audit of the electricity use of the Mount Gambier Aquatic Centre. It is anticipated that the auditors will make recommendations for improving the efficiency of the facility, leading to long term reductions in electricity costs.	Follow up investigations are currently being undertaken.
Mount Gambier: Edible City	Run a series of workshops on home food production, from beginner to more advanced topics.	ESO staff are giving talks and a workshop as part of the Endless Pleasure program.
Resource Efficiency Review	Review of Council operations to identify what level of resources are currently being used, and identify	Some initial data received from Finance and suppliers. Analysis of data will commence in the near future as the ESO work program allows.

	opportunities for increased efficiency.	
Fruit Tree EOI	Involved working with residents to put a small number of fruit trees in their local reserve.	Report and recommendation for the 2015-2016 EOI is included with this agenda.
Smaller Projects	<ul style="list-style-type: none"> - Smart Living profiles. - Talks at schools and community groups on environment and sustainability topics. 	<ul style="list-style-type: none"> - Five Smart Living profiles have been completed. - Talks undertaken on an ongoing basis upon request. Numerous radio interviews have been undertaken.
Environmental Events	<ul style="list-style-type: none"> - Clean Up Australia Day - Earth Hour - Ride to Work Day - Walk to Work Day 	<ul style="list-style-type: none"> - Complete. - Complete. - 19 October. - November.
Library Solar Power System	Installation of a 57kW solar system on the roof of the Library, to supply 25-30% of the Library's electricity needs.	The system is now switched on and fully functional. The display inside the library will be switched on in the near future.
Blue Lake Solar Lighting	Involves the installation of solar lights around the footpath around the Blue Lake.	Installation of the lights is now complete. All lights are now operating as designed. Timing issues has been resolved.
Carbon Reporting	Measure and report on Council's carbon emissions for the 2014-2015 financial year. Assess if Council triggers any carbon and/or climate change legislation.	The 2014-2015 report has been completed.