



# **INFORMATION BULLETIN**

**Issue No. 41  
May 2018**



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<b>RESOURCE RECOVERY FACILITY UPDATE REPORT</b>	
<b>File No:</b>	<b>WST/13-07</b>
<b>Attachment/s:</b>	<b>Nil</b>
<b>Date:</b>	<b>9 May 2018</b>
<b>Prepared by:</b>	<b>Director Corporate Services</b>

This report presents a summary of activities that have taken place in the reporting period covering 23 February 2018 to 9 May 2018.

## **OPERATIONAL INFORMATION**

On Friday, 9 February, the RRF shut down for a planned eight-hour power outage.

The RRF closed on Good Friday – 30th March as planned.

On Monday, 9 April, the RRF commenced a one week planned shutdown to undertake maintenance activities.

### Waste Delivery

#### **Waste Delivery Summary for Reporting Period**

<b>MONTH</b>	<b>SCHEDULED TONNES</b>	<b>DELIVERED TONNES</b>	<b>DIFFERENCE TONNES</b>
February 2018	8,000	8,059	59
March 2018	8,800	8,870	70
April 2018	6,400	5,879	(521)

For the 9<sup>th</sup> Contract Year, for the period to 30 April 2018, the RRF was 4,088 tonnes ahead of schedule as a result of additional throughput at the plant.

The RRF is operating as anticipated in the Resource Recovery Facility Agreement (RRFA), with average availability of 104% over the past 12 months.

On a monthly basis, Additional Tonnes (those tonnes greater than the monthly scheduled tonnes) only incur the Variable Operating Cost charge, but not the Capital Cost or Fixed Operating Cost charges.

Unavailable Tonnes (those tonnes less than the monthly scheduled tonnes) are not paid for unless:

- Within the Contract Year there is a positive balance of Additional Tonnes, these Additional Tonnes can be off-set against the Unavailable Tonnes. In this case, the off-set Additional Tonnes incur the full gate fee cost less the Variable Operating Cost (which has already been paid on the Additional Tonnes); or
- If the RRF Availability for a month is less than 92% of the monthly Scheduled Tonnes and there are no accumulated Additional Tonnes remaining to be off-set, then the MRC is required to pay the Capital Cost on all Unavailable Tonnes up to 92% of the monthly Scheduled Tonnes.

At the end of the Contract Year, if 100,000 tonnes of waste have been delivered to the RRF then the above “overs and unders” system should balance out.

The exception to the above is the tonnes not processed during the composter replacement.

The MRC entered into a standstill deed with BioVision which deals with the operations of the plant during this period. The tonnes scheduled for processing but not processed during the shutdown have been recorded as Accrued Tonnes. The MRC has already paid the capital cost component of the RRF Gate Fee in relation to these tonnes and so the Accrued Tonnes will be processed for the MRC at the end of the RRFA contract with the MRC only have to pay the fixed and variable components of the RRF Gate Fee.

#### Waste Diversion

Waste Diversion for the past six months (November 2017 to April 2018) was 50.2% with a Waste Diversion Target of 51.3%.

#### Community Complaints

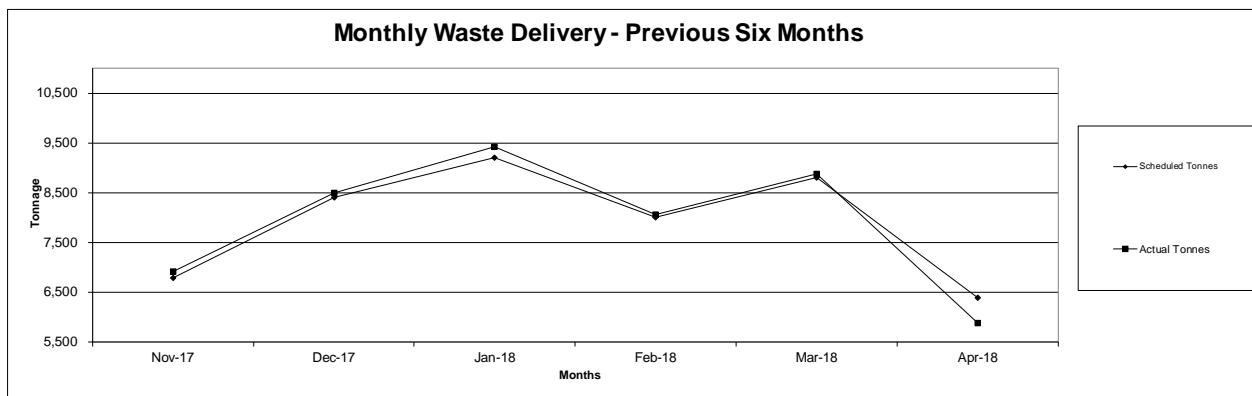
BioVision last met with its community stakeholder group on 30 November 2015 and no serious issues were raised. BioVision is continuing engagement with the selected key stakeholders, in particular the Banksia Grove development and the Wanneroo Golf Course.

#### **COMMUNITY COMPLAINTS SUMMARY FOR THE REPORTING PERIOD**

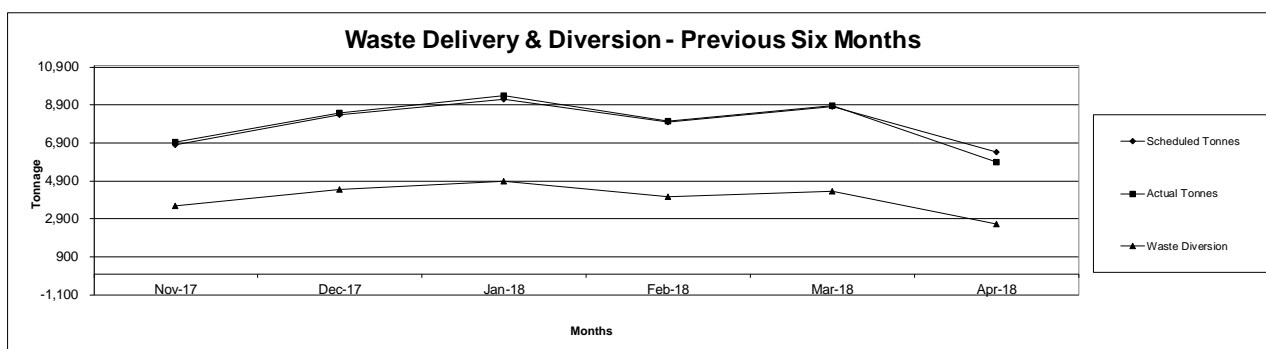
<b>Date</b>	<b>Complaint</b>	<b>From</b>	<b>Outcome</b>
April 18	4 odour complaints received	Residents of Banksia Grove	Inconclusive - odour tours conducted throughout April identified a range of odours including Wesbeam odour, chicken manure odour, a green waste odour and the Bio-filter's normal operating odour

The graphs below provide data up to **30 April 2018**.

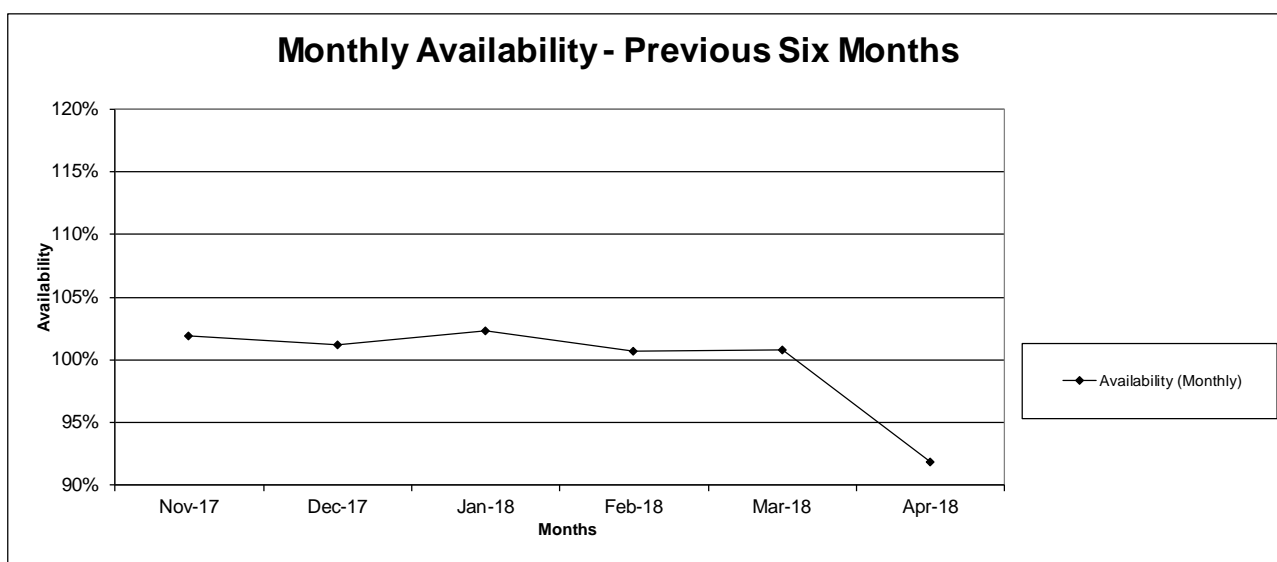
**Graph No. 1 – Monthly Waste Delivery – Previous Six Months**

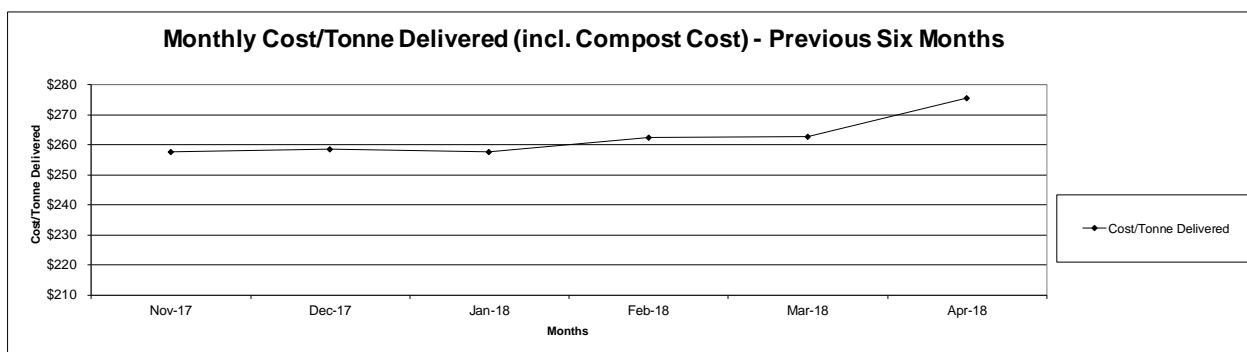
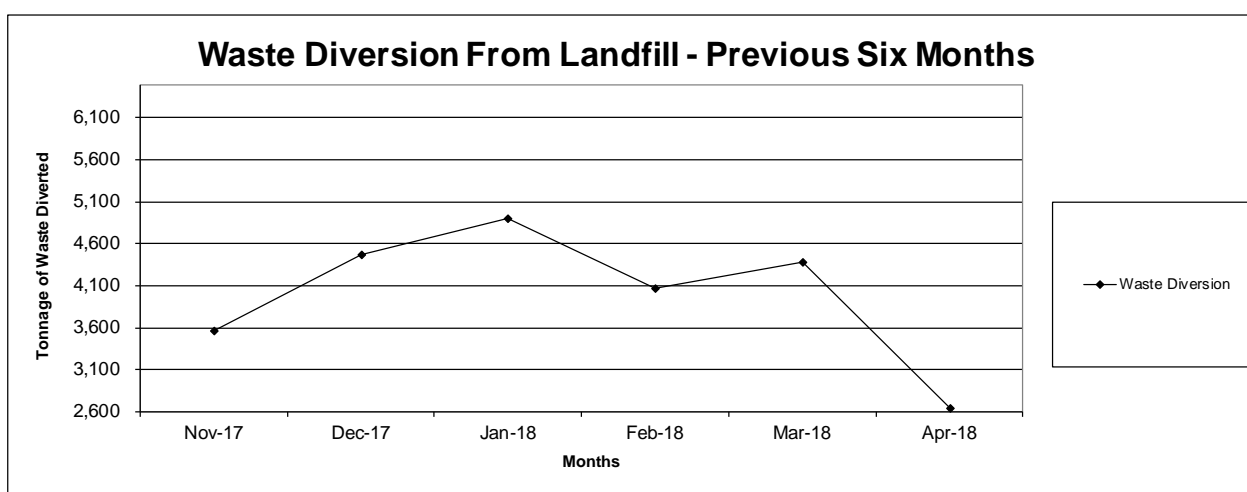


**Graph No. 2 – Waste Delivery & Diversion – Previous Six Months**



**Graph No. 3 – Monthly Availability – Previous Six Months**



**Graph No. 4 – Monthly Cost/tonne Delivered (incl. Compost Cost) – Previous Six Months****Graph No. 5 – Waste Diversion from Landfill – Previous Six Months**

## Performance Indicators

KPI's as per the RRFA are as follows:

**Table No. 1 – KPI Summary (to 30 April 2018)**

KPI	Target	Previous 6 Months	Feb	Mar	Apr
Availability*	95%	100%	101%	101%	92%
Environmental Standard - Number of Breaches	0	0	0	0	0
Waste Diversion	51.3%	50.2%	50.4%	49.3%	44.9%
Quality of Compost - Number of Breaches**	0	1	0	0	0
Quantity of Recyclable Packaging ***	1.2%	1.2%	1.3%	1.3%	1.6%
Health and Safety - Number of LTI's	0	0	0	0	0
Community Acceptance - Number of Complaints ****	0	0		0	0
Project Culture - PAG Chairperson Score	100%	100%	100%	100%	100%

\* The Target Availability during the Initial Operating Period is to achieve an Availability of greater than 95% over a six-month period.

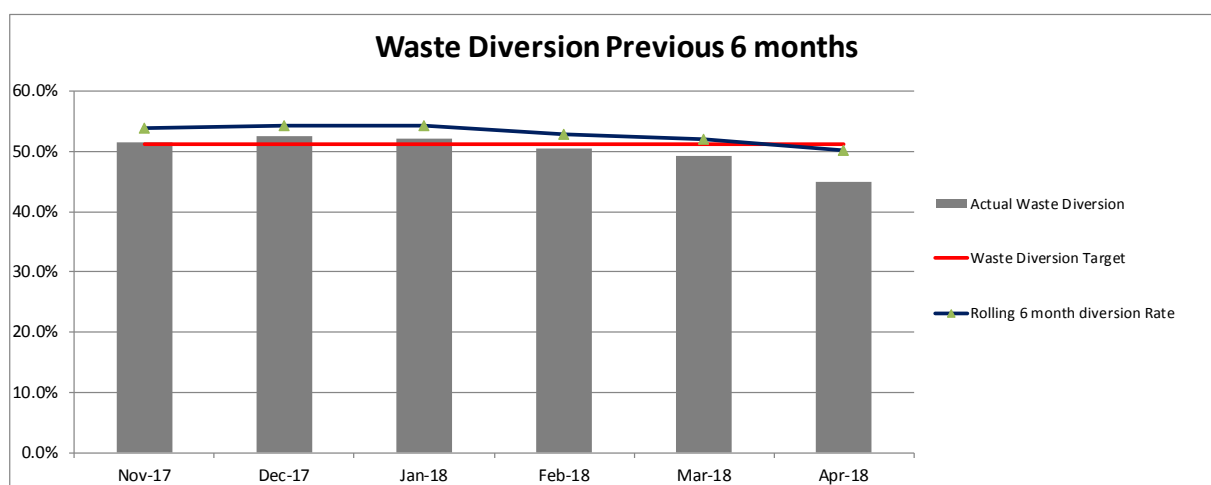
\*\* The compost standard within the RRFA was amended by the revisions to the RRFA approved by Council at its meeting of 6 December 2012 and signed under common seal in May 2013.

\*\*\* Financial impacts of the KPI were removed by the revisions to the RRFA approved by Council at its meeting of 6 December 2012 and signed under common seal in May 2013. Ferrous diversion has recommenced.

\*\*\*\* Numerous complaints relating to a single event are treated as a single complaint. Biofilter odour is not registered as a complaint as this is seen as a normal operating odour condition.

## Waste Diversion

The average waste diversion for the past six months (November 2017 to April 2018) has been 50.2%.



## Project Advisory Group (PAG) as at 22 February 2018

### **MRC Representatives:**

Cr Frank Cvitan  
 Gunther Hoppe (A/CEO)  
 Andrea Slater (A/DCS)  
 Cr Russel Driver (alternative)

### **BioVision Representatives:**

Craig Barker  
 Nial Stock  
 Frank Sciarrone (apology)  
 Alan Turner  
 Emmanuel Vincent (apology)

### **Chairperson:**

Ian Watkins

The PAG last met on 11 April 2018.

Items dealt with by the group included:

- The impact of 3 bins systems to the facility
- BioVision Monthly Report/Update
- Compost stockpiling

Copies of the meeting minutes are distributed to the Strategic Working Group members and all MRC Councillors following the meetings.



## FINANCIAL IMPLICATIONS

### Operational Expenditure

The Project Operational Summary below sets out the 2017/18 facility operating budget against which operational costs are tracked throughout the year. The variance over budget is as a result of the additional tonnes put through the facility during the year.

#### Project Operational Costs Summary for 2017/18 Financial Year – for the period ended 30 April 2018

OPERATING STATEMENT					
For the month ended 30 April 2018					
Description	Revised Budget	YTD Budget	YTD Actual	\$ Remaining Bal of Budget	% Balance
<b>Resource Recovery Facility</b>					
<b>Operating Expenditure</b>					
<b>Employee Costs</b>					
Salaries	-	-	-	-	
Allowances	-	-	-	-	
Workers Compensation Premium	-	-	-	-	
<b>Consultants and Contract Labour</b>					
Consultancy	15,000	8,710	10,715	4,285	28.57%
Contract Labour External	-	-	-	-	
	<b>15,000</b>	<b>8,710</b>	<b>10,715</b>	<b>4,285</b>	<b>28.57%</b>
<b>Office Expenses</b>					
Cleaning of Buildings					
General cleaning (Enviro Care)	8,000	6,666	7,521	479	5.99%
Window cleaning	3,500	2,916	1,325	2,175	62.16%
	<b>11,500</b>	<b>9,582</b>	<b>8,846</b>	<b>2,654</b>	<b>23.08%</b>
<b>Information System Expenses</b>					
Computer System Maintenance					
ICT contractors costs	2,000	-	-	2,000	100.00%
Newcastle Weighing Services-Gen Maintenance	6,000	5,000	8,688	(2,688)	(44.79%)
Vertical Telecom P/L-Maint of Microwave Ant	6,000	5,000	4,270	1,730	28.84%
	<b>14,000</b>	<b>10,000</b>	<b>12,957</b>	<b>1,043</b>	<b>7.45%</b>
<b>Building Maintenance</b>					
Building Maintenance					
Airconditioning Maintenance	3,000	2,500	436	2,564	85.47%
Community Education Centre	2,000	525	525	1,475	73.77%
Weighbridge and Calibration	7,500	200	200	7,300	97.33%
<b>Building Security</b>					
Security - Monitoring	508	423	301	207	40.77%
Security - Alarm maintenance	-	-	-	-	
Security - call out	-	-	-	-	
	<b>13,008</b>	<b>3,648</b>	<b>1,461</b>	<b>11,547</b>	<b>88.77%</b>
<b>RRF Operation Expenses</b>					
Fencing and Gate Maintenance					
Fencing and Gate Maintenance	10,057	10,057	10,057	-	0.00%
Repair of Boom Gate	-	-	-	-	
<b>Road Maintenance</b>					
Bores and Pipework					
Bore maint/calibration/electronics	4,500	4,500	4,603	(103)	(2.28%)
Groundwater sampling	2,500	-	-	2,500	100.00%
Bacteria sampling	1,000	-	-	1,000	100.00%
Vermis control	500	-	-	500	100.00%
Spills/leaks/incident management	500	-	-	500	100.00%
Vehicle Wash Facility Operations	-	-	-	-	
Landscaping and Gardens	6,000	6,000	6,872	(872)	(14.53%)
Compost Disposal	489,000	407,500	340,850	148,150	30.30%
Contractor's Fees	28,575,000	21,858,467	22,170,322	4,404,678	16.57%
RRF Maintenance Funding	250,000	-	-	250,000	100.00%
	<b>27,344,057</b>	<b>22,286,524</b>	<b>22,532,704</b>	<b>4,811,353</b>	<b>17.60%</b>
<b>Utilities</b>					
Electricity	10,500	8,750	11,760	(1,260)	(12.00%)
Rates	106,090	90,000	86,424	21,576	19.86%
	<b>116,590</b>	<b>98,750</b>	<b>98,184</b>	<b>20,316</b>	<b>17.14%</b>
<b>Insurance</b>					
Municipal Property Insurance	3,500	2,916	2,651	849	24.26%
Public Liability Insurance	5,650	4,708	3,980	1,670	29.56%
	<b>9,150</b>	<b>7,624</b>	<b>6,631</b>	<b>2,519</b>	<b>27.53%</b>
<b>Cost of Borrowings</b>					
Interest on Loans					
Loan 10A	62,978	52,941	51,626	11,350	18.02%
Loan 10B	-	-	-	-	
Loan 10C	-	-	-	-	
Loan 11	471	471	471	-	0.00%
<b>Loan Expenses</b>					
	<b>63,447</b>	<b>53,412</b>	<b>52,097</b>	<b>11,350</b>	<b>17.89%</b>
<b>Amortisations</b>					
Amortisation Pre-operating Costs	104,708	87,250	87,250	17,458	16.67%
Amortisation Costs	358,007	303,112	303,112	54,895	15.33%
	<b>462,715</b>	<b>390,362</b>	<b>390,362</b>	<b>72,353</b>	<b>15.64%</b>
<b>Depreciation</b>					
Depreciation on Building	25,122	20,935	20,936	4,186	16.66%
Depreciation on Infrastructure	26,697	22,248	22,247	4,450	16.67%
	<b>51,819</b>	<b>43,183</b>	<b>43,183</b>	<b>8,636</b>	<b>16.67%</b>
<b>Total Operating Expenditure</b>	<b>28,103,196</b>	<b>22,911,794</b>	<b>23,157,140</b>	<b>4,941,606</b>	<b>17.58%</b>
<b>Net Total</b>	<b>(28,103,196)</b>	<b>(22,911,794)</b>	<b>(23,157,140)</b>	<b>(4,941,606)</b>	<b>17.58%</b>



# Communications and Education Report

February and March 2018

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## 1. Introduction

The Mindarie Regional Council's (MRC) Education Team's focus is on Winning Back Waste through community engagement within the region. The main objectives are to:

- act as an advocate for change at all levels,
- improve community awareness and understanding of waste issues,
- encourage a reduce, reuse, recycle and dispose wisely ethos and behaviours associated with this,
- encourage engagement on many levels to have waste dealt with as high on the waste hierarchy as is practicable,
- promote infrastructure solutions as integral to the aim of diverting waste from landfill.

This is largely done through the provision of:

- the Earth Carer community outreach program,
- facility tours,
- visits to schools and community groups to deliver workshops and talks,
- displays within the community (including shopping centres, libraries, fairs and events),
- messaging through a broad range of communications and advertising channels, and
- special projects/programs to facilitate greater community participation in recycling and waste disposal initiatives.

The Team works closely with:

- the Member Councils through the region's Waste Education Strategic Steering Group (WESSG) to support the councils by assisting them in delivering their waste messages and in providing programs to enable improved recycling and waste disposal outcomes to the community, and,
- the State and National Waste Educator Groups (WMAA-WA WEWG / WENG and NWED) which include representatives from the other Regional Councils, Local Governments, WALGA, Waste Wise Schools, KABWA, Waste Authority and a variety of other members (government/community/business) interested in waste issues.



The MRC recognises that waste has a value as a resource and is committed to managing waste in line with the waste hierarchy and diverting waste from landfill.

This report will look to summarise the education activity for the months of February and March 2018.

## 2. Strategic Projects

### 2.1 Face Your Waste

**Regional Education Campaign to engage with and improve the community's awareness of waste and waste issues and drive behavioural change.**



The MRC has long had an education focus on the waste hierarchy, particularly the higher levels of reduce, reuse and recycle, encouraging people to think first before they dispose, to ensure they put their waste in the best place for it to be efficiently dealt with.



With diverting waste from landfill being a State driven priority and waste minimisation being seen as an important community goal, an understanding of the Waste Hierarchy (Reduce, Reuse, Recycle) was seen by the Region's Waste Education Strategic Steering Group (WESSG) as something important to educate the community about, to use it to explain waste initiatives currently being implemented (3 bins, use of skip bins) and proposed new infrastructure (energy from waste).

The MRC has developed a campaign, Face Your Waste, designed to engage the community about the waste being produced and then educate them about what can be done to reduce this.

Presentations by the MRC about the Face Your Waste campaign and its intent were made to the councils of the Cities of Joondalup, Stirling, Vincent, Wanneroo and the Town of Victoria Park.

During this reporting period the development and production of a number of high profile engagement pieces occurred along with supporting outdoor, print and digital media advertising. This to engage and capture peoples interest then direct them to a dedicated Face Your Waste website and social media platforms to gain further information, education and tips on how to change behaviour.



# FACE YOUR WASTE



We all produce waste, too much of it in fact.

Everything we buy and use eventually becomes waste and waste has to be disposed of. Australians send over 20 million tonnes of waste to landfill every year making us on a per capita basis one of the most wasteful nations on Earth.

For most people dealing with waste is easy...



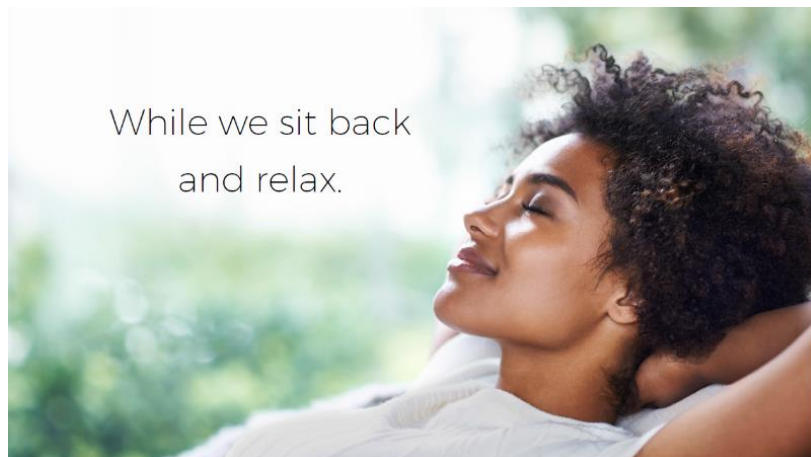
We just put it in the bin...



Where it remains hidden...



Until the council takes it away...



The waste is, out of sight out of mind, it's someone else's problem.



Waste however is expensive to deal with and has many negative environmental issues associated with it.

For too long the focus has been on dealing with the waste once it has been produced. Our best solution has been to try and recycle as much as we can to avoid sending all this waste to landfill but we need to do more. It is time to Face Your Waste.



The Face Your Waste campaign is designed to:

- Engage, raise waste is an issue in all its forms. It is not just plastics, glass or food waste, waste encompasses everything we use. Get people to own the problem and appreciate that we all have to do our part
- Educate and give tools, tips and ideas on what can be done to reduce the amount of waste we produce (change behaviour). Get people to look at the waste they produce, identify what can be done to produce less waste

By encouraging people to produce less waste and deal with the waste they produce more effectively, create benefits that include:

- Cost savings
- Improved environmental outcomes
- Leaving a better legacy for future generations (i.e. conservation/preservation of resources, energy and the environment; creation of new jobs and opportunities; and the development of a circular economy)

**Producing waste is a problem. Be part of the solution**

**For more information, go to [www.faceyourwaste.com.au](http://www.faceyourwaste.com.au)**



### 3. Community Engagement

#### 3.1 Tours

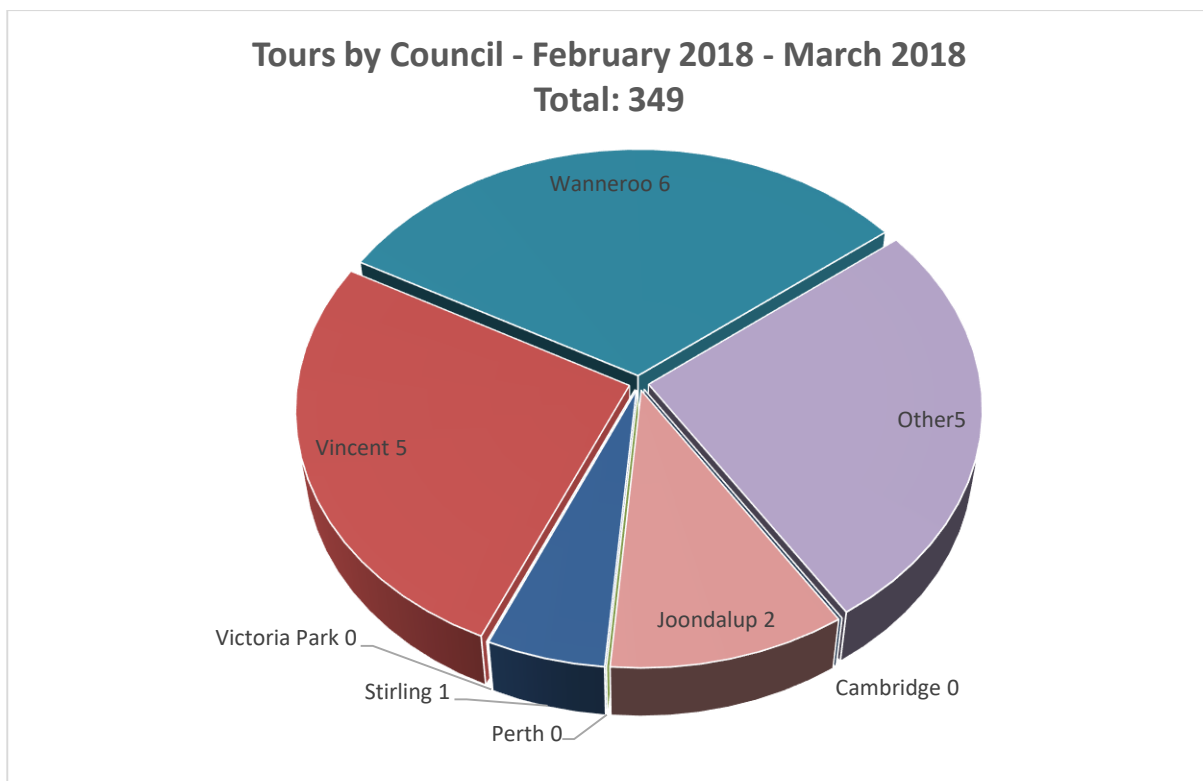
The tours of the MRC facilities (Tamala Park and Resource Recovery Facility) are run on request Monday to Saturday and are popular with people of all age groups and from all walks of life. The duration of each tour ranges from one to three hours depending on the requirement of the group attending.

During February and March 19 tours took place with 349 people viewing the facilities and learning about how we deal with waste.

Of the tours in this reporting period 18 visited Tamala Park with 5 of them also visiting the RRF. One tour solely went to the RRF.

The quality of MRC facilities and tours was acknowledged where WALGA chose Tamala Park and RRF to host its Councillors tour/workshop and Tamala Park as the venue for its Cert III waste industry training.

Of the tours conducted: 7 were business groups (Thailand Visitors, Councillors tour, MRC new staff, City of Joondalup Waste Team, WALGA Cert III training group, EMRC new staff, Waste 101 tour and workshop); 9 were school groups (Mt Hawthorn Primary School, Madeley School, Our Lady of Good Counsel, NW Metro TAFE VET); with the remaining 3 being community groups (Pine View Social Club and MRC End of month tour).



The feedback given about these tours continues to report a high level of participant satisfaction with them being described as very informative. The tours don't just point out operational aspects of the sites but discuss the 'story of waste', engaging people in how the Waste Hierarchy works and discuss behaviours that create the best outcomes. People are continually amazed at how a 'trip to the tip' can be such an eye opener and be very enjoyable.

### 3.2 Schools

Talks and visits to schools is a focus of the MRC education team. The MRC provides a number of services to enhance a school's curriculum, these include: tours, talks, workshops and activities can be tailored to meet the individual requirements of the school.

The MRC Education Team have continued to developing a closer working relationship with Waste Wise Schools with the purpose of delivering a broader and more consistent waste education program into schools throughout the region.

In 2018 the MRC is continuing to deliver the Waste Wise Schools program into MRC schools and advise how schools can become waste wise schools and access funds to assist with development of waste related projects. Through this partnership the Region's schools are being offered a superior waste education program with ongoing local support.

MRC is also continuing to assist the City of Stirling to promote their 3 bin system by targeting schools within the city and presenting talks/workshops to students, teachers and parents on 'what goes into what bin?' Students are all given take home material describing the 3 bin system in an effort to spread the message.

Visits to Child Care centres have increased in the last year with the Centres looking to enhance the environmental and sustainability education programs they do with the children. These visits aim to not only foster an interest in waste for the youngsters but also to connect with educators and to a different parent group.

SCHOOL/DAY CARE VISITS	
	Number
Cambridge	1
Joondalup	6
Perth	3
Stirling	8
Victoria Park	0
Vincent	1
Wanneroo	13
Other	0
<b>TOTAL</b>	<b>32</b>

Name of schools visited: Yanchep Beach Primary School, St James Anglican Primary School, John Butler Primary College, Brighton Catholic College, Merriwa Primary School, Quinns Baptist Primary School Primary School, St Andrews Catholic Primary School, St John Paul Primary School, Currambine Primary School, Frances Jordan Catholic Primary School, Hale School, Spring Hill School, Ocean Reef Senior High School, Two Rocks Primary, Wembley Primary School, St Paul's Primary, St Johns School and Carramar Primary School.

3.3 Visits, Talks & Workshops

Talks and visits to community groups is also a focus of the MRC education team. The topics of these talks and visits vary according to the group but the sessions mainly focus on three main areas:

- Organics – composting and worm farming
- The bin system – what goes in what bin
- Waste Hierarchy – reduce, reuse, recycle and dispose wisely.

The duration of the sessions ranges from an hour through to a full day and, in the case of schools, may be for single classes or for the whole school

Green Cleaning workshop (right)



VISITS/TALKS	
	Number
Cambridge	1
Joondalup	9
Perth	3
Stirling	9
Victoria Park	0
Vincent	2
Wanneroo	23
Other	0
<b>TOTAL</b>	<b>47</b>



TYPES OF TALKS	
	Number
Battery assembly	1
Composting, worms & gardens	15
Nude Your Food	0
Waste & recycling	30
Waste Audit	1
<b>TOTAL</b>	<b>47</b>

### 3.4 Events and Displays

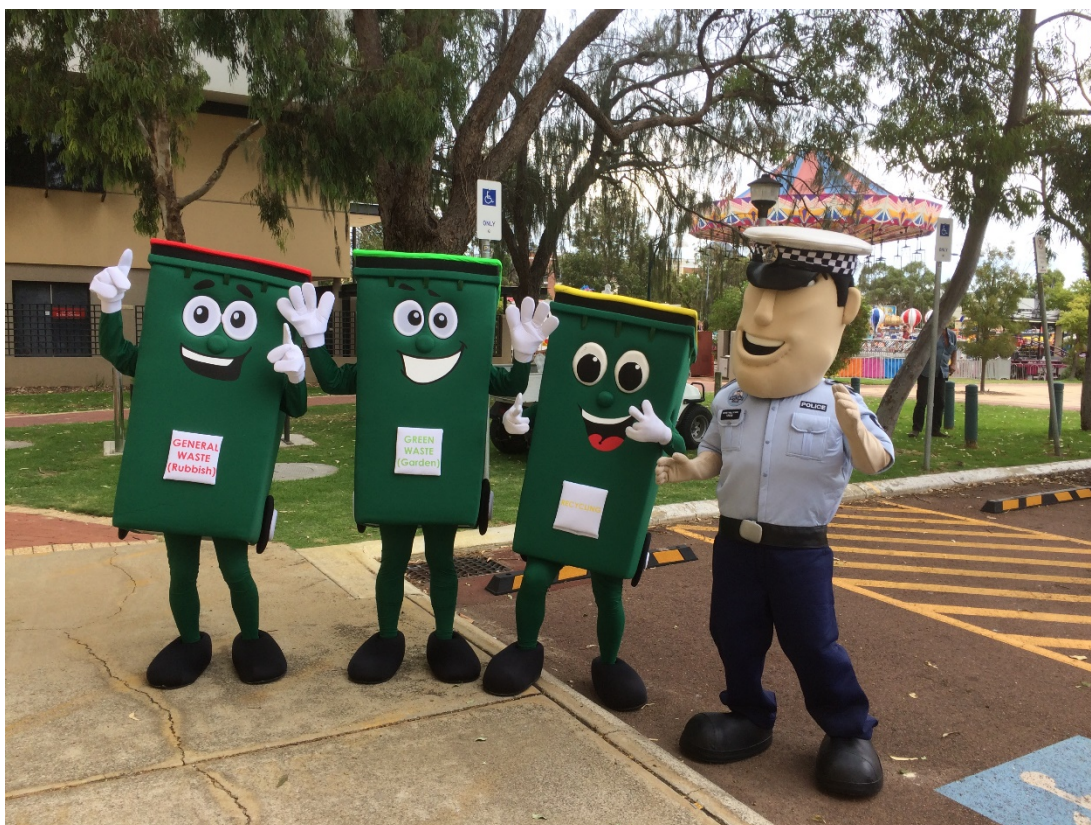
Late Summer/early Autumn see a number of community events taking place. These included:

Fab 4 no 1 Green cleaning, Unfair Day, Queens Baton Relay, COJ Music in the Park Concert, Hyde Park Fair, Catalina Sunset Park Opening, Cambridge Street Festival, Harmony Day, Carine Community Fair, Little Green Steps Training, Joondalup Festival, Community Event, Houghton Reserve.

ROAMING RECYCLER EVENTS	
	No Days Out
Cambridge	1
Joondalup	2
Perth	0
Stirling	2
Victoria Park	2
Vincent	3
Wanneroo	2
Other	0
<b>TOTAL</b>	<b>12</b>







The MRC Three Bins, promoting City of Joondalup's proposed new three bin system, meet Constable Care at the Joondalup Festival, above.

Discussing bin systems at the Fringe World Unfair Day (CoV), below.



### 3.5 Earth Carers

The MRC community outreach program, Earth Carers, has been an integral part of the education program. Earth Carers are seen as long term valued people interested in waste and spreading a 'Waste Less' message. Since 2008 over 400 people have completed the MRC Earth Carer training courses and of them 345 are still active, a good retention rate.

Two training courses are held each year, one in March and the other in August. On completion of the course the MRC Earth Carers continue to meet and engage with the community. A number of Earth Carers link in with Community Garden groups, Transition Towns and other groups of like minded people. These provide very fertile grounds for information exchange and promoting waste wise messages. The MRC maintains contact after the course, with Earth Carers assisting at events on an MRC stall, in schools, and through on going workshops we offer.

The March 2018 training course had 35 people attend and 33 graduated. Sessions were held at: City of Wanneroo Ashby Depot, Tamala Park & RRF, City Farm, West Leederville Community Garden and Remida. Here participants learned about the wonderful world of waste, what goes into what bin and ways that they can reduce the amount of waste they produce, either at home and/or in their work place.

To start the new year off Earth Carers were sent a newsletter full of stories and updates of Earth Carer activity, information about waste issues and tips on how to live with less waste.

A Facebook Page, Earth Carers North, provides a convenient forum for Earth Carers and others to exchange ideas and discuss the wonderful world of waste. This page was originally set up as an Advanced Earth Carer project. Earth Carers are very important ambassadors for a responsible waste message as they have credibility with friends and neighbours we could not hope to maintain.

To keep the Earth Carer group engaged a variety of activities are held to enable Earth carers to network, up skill and learn new ways of living with less waste.

Boomerang Bag sewing sessions took place weekly, producing reusable shopping bags from curtains and clothing dropped off at the Tamala Park tip shop.

In February soap making workshops were held at City Farm, with 36 participants. (right).

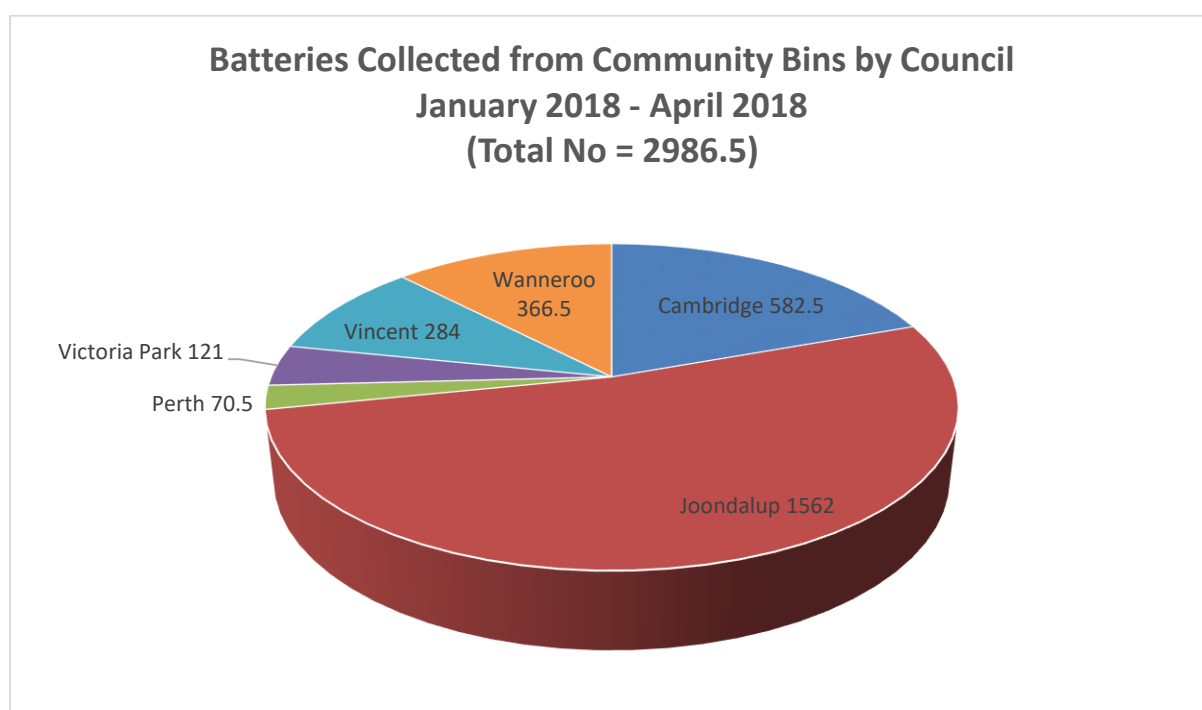


## 4. Community Programs

### 4.1 Battery Program

Batteries from school and community bins continued to be collected in large numbers. Importantly most of these batteries previously would have gone into the household green top wheelie-bin then to the RRF and the chemicals contained within ultimately into the compost. However large quantities of batteries are bought and disposed of and although the MRC is collecting and recycling tonnes of batteries it is only the tip of the iceberg.

The battery program is particularly important to MRC operations in that batteries have shown themselves to be the cause of many of the landfill fires at Tamala Park and they are still a significant problem at the RRF – providing a source of metals contamination.



The schools battery program continues to grow. The schools find it is a good way to engage students in a meaningful recycling program. From an MRC point of view it offers collection sites throughout the community and unlike the public battery collection bins the school ones are generally free of contamination.

The MRC currently has 91 schools in the program.



<b>MRC School Battery Program - League Table</b>		
<b>Total Batteries collected by Schools (kgs), Terms 1 2018</b>		
<b>Rank</b>	<b>Place</b>	<b>Term 1</b>
1	St Mark's Anglican Community School	165.0
2	Sorrento Primary School	64.0
3	Mercy College	40.0
4	Mullaloo Beach Primary School	33.0
5	Greenwood Primary School	32.0
6	Mount Hawthorn Primary School	28.0
7	Ashdale Primary School	27.0
8	Peter Moyes Anglican Community College	25.0
9	Hillarys Primary School	24.0
10	Dalmain Primary School	23.0
11	Mullaloo Heights Primary School	22.0
12	Carramar Primary School	20.0
13	Joondalup Education Support Centre	18.0
14	Pearsall Primary School	18.0
15	Craigie Heights Primary School	16.0
16	Halidon Primary School	16.0
17	South Padbury Primary School	16.0
18	Duncraig Primary School	15.0
19	Sacred Heart College	15.0
20	Holy Spirit Primary School	13.0
21	Mindarie Senior College	13.0
22	Quinns Rocks Primary School	13.0
23	Kingsway Christian College	12.0
24	Poynter Primary School	11.0
25	Padbury Primary School	11.0
26	North Woodvale Primary School	11.0
27	Mindarie Primary School	11.0
28	Landsdale Primary School	11.0
29	Edgewater Primary School	10.0
30	Rawlinson Primary School	10.0

City of Stirling operates its own school battery program and their figures are not included here.

## 4.2 Other Community Recycling Programs

In addition to dry cell batteries there are a number of community recycling stations located throughout the region. These collect a range of problematic wastes, common household products that can't be disposed on in residential bins, like fluorescent globes, mobile phones and ink cartridges.

During February the City of Joondalup help an e-waste drop off weekend at the Craigie Leisure Centre and City of Wanneroo a disposal weekend for a range of products at the Ashby Depot.



### 4.3 No Glass Campaign

The campaign to divert glass from the green top bin to reduce glass contamination in the organic soil conditioner produce at the RRF continued through these months with messaging on the City of Wanneroo waste trucks and in various community publications, including Kids in Perth and the Northern Guide (Jindalee, Butler, Quinns Rocks, Ridgewood, Merriwa, Clarkson & Mindarie).

Ten buses also during February and March delivered the message into the Northern Suburbs.



This campaign whilst initially very effect has in recent times seen glass levels in the RRF produced composted organic soil conditioner level out and maintained slightly above the accepted Australian Standard for glass and hard plastics in this product.

## **5. Waste Educator Groups**

### **5.1 Waste Education Strategic Steering Group (WESSG)**

The Waste Education Strategic Steering Group (WESSG) meets at the end of each month. These meetings continue to be an important forum for exchanging ideas and keeping everyone updated on happenings associated with waste within the Member Councils. The Group has been invaluable in providing networking opportunity for its participants. People aren't confined to council boundaries so being aware of what is happening elsewhere is important in delivering messages to the community.

The importance of Regional messaging remains on the agenda as does the Groups role in dealing with regional waste issues. Many events and activities within the Region occur regularly with WESSG playing an important role in streamlining communications, messaging and coordination between both the MRC and the Member Councils and the Member Councils themselves.

The February and March meetings saw discussions on MRC's strategic direction and included how the 'Face Your Waste' campaign fits in with this. These discussions included looking how this campaign could be used within individual councils and how it aligned with council waste management/minimisation plans.

The Group provided both content and feedback on elements of the campaign.

The MRC and CoV have formed a partnership with Central TAFE, where media students are producing, with the full backing of TAFE resources, video segments to support and be used in the Face Your Waste campaign.



### **5.2 Waste Educators Working Group & Networking Groups (WEWG/WENG)**

Meetings were held at the end of each month. Apart from providing networking opportunities and the sharing of resources and ideas, topics of discussion included:

- State Waste Strategy
- Plastic Bag Ban
- Container Deposit Scheme
- Waste Authority Community and Industry Engagement (CIE) grants
- Face Your Waste
- Perth Royal Show