



Waste Management Community
Reference Group

MINUTES

7 May 2018

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WASTE MANAGEMENT COMMUNITY REFERENCE GROUP

MINUTES

7 May 2018

(REF: D2018/05575)

A meeting of the Waste Management Community Reference Group was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Monday, 7 May 2018**. The meeting commenced at **6:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 6:00pm.

2 ATTENDANCE, APOLOGIES AND LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

Committee Members

Ms Dianne Katscherian	Chairman
Ms Ruth Kendall	Deputy Chairman
Mr Malcolm Barker	Member
Mr Edwin Dell	Member
Mr Anthony Fowler	Member
Ms Belinda Hamilton	Member
Mr Ray Lewis	Member
Ms Carmel Luck	Member
Mr Mark Simpson	Member

EMRC Officers

Mr Peter Schneider	Chief Executive Officer
Mr Stephen Fitzpatrick	Director Waste Services
Mr Dave Beresford	Manager Resource Recovery
Ms Joanne Gray	Waste Education Officer
Ms Annette Rakich	Administration Officer (Minutes)

Visitors

Ms Gae Synnott	Consultant, Synnott Mulholland
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3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

The Chairman introduced and welcomed newly appointed member Ms Belinda Hamilton to the WMCRG.



5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

5.1 REGIONAL WASTE STRATEGY: WHAT'S AHEAD FOR THE NEXT FIVE YEARS

The Chairman introduced Ms Gae Synnott, Consultant from Synnott Mulholland who provided a presentation on the results of a review of the Draft Regional Waste Management Strategy for the next four (4) years.

Ms Synnott and EMRC Waste Services staff met on Friday 20 April 2018.

The purpose of the meeting was to consider the timeline of the Resource Recovery Project (RRP) going forward including the Resource Recovery Facility (RRF) at East Rockingham and the Hazelmere Resource Recovery Park (HRRP) implementation and the key messaging for the region and the community engagement input. Please refer to agenda below:

EMRC REGIONAL WASTE STRATEGY PLANNING WORKSHOP AGENDA - 20 APRIL 2018

Aims of the discussion

- To identify and map the key elements in waste strategy planning between now and 2023
- To identify the most likely scenario for this period which will be the basis for positioning of EMRC's strategic waste management directions
- To choose key messages to support and reframe the region's waste strategy directions.

Key discussion points:

1. What do we know with certainty, is happening with waste management in the region between now and 2022, five (5) years' time?
2. What's currently in train – at Regional and Member Council levels?
 - a. Waste Supply Agreement (WSA)
 - b. Wood Waste To Energy (WWTE)
 - c. Other
3. What additional projects/initiatives might happen over next five (5) years?
 - a. Waste transfer station at Hazelmere
 - b. Other
4. What do we hope will happen over this period?
5. What might eventuate with the future disposal of Bassendean and Bayswater household waste during this period?
6. Following the more likely scenario, what will waste management in the region look like/comprise of in 2023?
 - a. Regional waste forecasts
 - b. At Red Hill
 - c. At Hazelmere
 - d. At RRF East Rockingham
 - e. At transfer stations
 - f. With commercial waste streams
 - g. Recycling / Material Recovery Facility (MRF)
 - h. Household waste behaviour
 - i. Innovation
7. What key components will be crucial to deliver the 'sustainable waste management' (SWM) approach for the region?
8. What should the key messages about SWM be?
9. When should announcements be made or community briefings be held?
10. How can the waste education program support this 'reframed' approach?



Item 5.1 Continued

Discussion ensued

Ms Synnott outlined to the group the “Draft EMRC Regional Waste Management Strategy – What’s Ahead” and the Seven (7) Pillars from 2018 to 2022 reflecting the Hazelmere Resource Recovery Park and the Red Hill Waste Management Facility.

Ms Synnott invited the group to discuss and provide feedback on the following points:

1. Is this picture clear and what needs to be explained better?;
2. Source Separation, what are the barriers to source separation and what can we do to overcome these?;
3. Could there be differences and different groups;
4. When should the EMRC be engaging with the community to explain the strategy?;
5. How can WMCRG support this?; and
6. The seven (7) pillars of the Regional Waste Management Strategy.

The Chairman and Ms Synnott thanked members for their valuable input which will be consolidated into an amended EMRC Regional Waste Management Strategy.

6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF WMCRG MEETING HELD ON 20 NOVEMBER 2017

That the Minutes of the Waste Management Community Reference Group meeting held on 20 November 2017, which have been distributed, be confirmed.

WMCRG RESOLUTION(S)

MOVED MR DELL

SECONDED MR LEWIS

THAT THE MINUTES OF THE WASTE MANAGEMENT COMMUNITY REFERENCE GROUP MEETING HELD ON 20 NOVEMBER 2017, WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY

7 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil

8 REPORTS OF EMPLOYEES

Nil



9 REPORTS OF RELEVANT RESOURCE RECOVERY COMMITTEE RESOLUTIONS

The Director Waste Services provided an overview of the reports and resolutions of the Resource Recovery Committee meeting held on 8 March 2018.

At the 22 March 2018 meeting, it was resolved that Council:

1. Write to Mr Berry Ambrose acknowledging his service on the WMCRG since its inception.
2. Endorse the renomination of the following WMCRG members for an eighteen (18) month term expiring on 31 August 2019 and acknowledge their continuing support.
 - Ms Dianne Katscherian (Chairman);
 - Ms Ruth Kendall (Deputy Chairman);
 - Mr Anthony Fowler;
 - Ms Carmel Luck.
 - Mr Edwin Dell;
 - Mr Malcolm Barker;
 - Mr Mark Simpson; and
 - Mr Ray Lewis.
3. Endorse the nomination of new member Ms Belinda Hamilton for an eighteen (18) month term expiring 31 August 2019.

10 REPORTS OF DELEGATES

Mr Dell raised concerns in relation to household recycling now that China has banned the import of contaminated recycling waste from Australia.

The Chairman advised she listened to a podcast on the ABC and the Federal Minister for the Environment advised there could be funding to support new industry in Australia. Discussion ensued.

The Chairman advised that the Federal Minister has acknowledged it is a national problem and that a WA Task Force has been set up with representation from the WA Minister for Environment's office, the Materials Recovery Facility (MRF) operators, WA Local Government Authority (WALGA) and other waste industry participants.



11 GENERAL BUSINESS

11.1 WASTE EDUCATION UPDATE

The Waste Education Officer updated the group on the waste education initiatives between November 2017 to April 2018.

Attachment: Waste Education Report – November 2017 – April 2018

Discussion ensued

Mr Fowler advised that Lesmurdie Library remains open for use to the public and questioned if there had ever been a battery collection service? Ms Gray responded that the library officially signed up to the battery program in February 2018 and highlighted that some schools were not fully utilising the program.

Schools collection statistics were also analysed to determine those that appeared to be having difficulties. Those with low yields were sent a letter offering a number of ways we could assist to revitalise their program. The Waste Education staff are working with those schools to guide them to improve their performance.

As a result of the above correspondence, the Waste Education team have supplied additional battery containers, posters and Mobile Muster collection boxes to nine (9) schools in the region.

Mr Fowler requested it be minuted to express his appreciation of the detail and amount of work that has been presented into the Waste Education Report.



Waste Education Report - November 2017 to April 2018

This report is provided to the member Council representatives on the Regional Waste Education Steering Group (RWESG), members of the Waste Management Community Reference Group (WMCRG) and members of the Executive Management team. This report includes data from November 2017 to April 2018, the period since the last WMCRG meeting.

1. General Updates

- The Waste Education Officer, Bronwyn Lee, left the EMRC early January 2018. The position was advertised and applications closed January 22, 2018.
- The Waste Education Officer position has now been filled and we welcome Kerry Wilson to the team.

2. Public Recycling Updates

2.1 Public Place Battery Collection Program

- Three new Public CFL and Battery collection locations: Lesmurdie Library, Hillview Village and Lesmurdie Village Shopping Centre.
- The new Waste Education Officer, Kerry, sent out letters to all public places introducing herself along with site collection statistics and the 2018 collection roster.
- Data for the financial year to date is summarised below and detailed location information can be found in the Appendix of this report.

<u>Battery Recycling - Public Places</u>	Year to Date Total 2017/18	Year to Date Total 2016/17
Bassendean	600.2	549.8
Bayswater	929.4	1,028.5
Belmont	1,087.4	1,778.9
Kalamunda	2,728.1	1,883.5
Mundaring	1,200.5	858.4
Swan	2,083.8	1,988.3
TOTAL (kg)	8,629.4	8,087.4

2.2 Schools Battery Collection Program

- Three new School Battery Recycling collection locations: Kalamunda SHS Education Support, Hillcrest Primary School and Malvern Springs Early Learning Centre.
- Extra collections for schools were completed in order to empty bins before summer school holidays.
- No school collections were undertaken in January and half of April due to school holidays.
- Letters were sent to all schools in the program, introducing the new Waste Education Officer, Kerry Wilson, detailing the weights of batteries collected at the school and in the region, along with the 2018 collection roster. In addition information was sent on the resources available to borrow, tours of Red Hill Waste Management Facility and the availability of a Waste Education Officer to attend school to conduct a refresher session or speak at assembly.
- Schools collection statistics were also analysed to determine those that appeared to be having trouble. Those with low yields were sent a letter offering a number of ways we could assist to revitalise their program.
- As a result of the above correspondence, the Waste Education team have supplied additional battery containers, posters and Mobile Muster collection boxes to nine schools in the region.
- Data for the financial year to date is provided below and detailed location information can be found in the Appendix of this report.



<u>Battery Recycling - Schools</u>	Year to Date Total 2017/18	Year to Date Total 2016/17
Bassendean	207.4	356.6
Bayswater	497.9	448.7
Belmont	190.3	166.3
Kalamunda	1,614.7	1,261.2
Mundaring	902.8	861.1
Swan	1,438.7	1,063.8
TOTAL (kg)	4,851.8	4,157.7

2.3 CFL Collection and Recycling Program

- Data for the financial year to date is summarised below and detailed location information can be found in the Appendix of this report.

<u>CFL Recycling - Public Places</u>	Year to Date Total 2017/18	Year to Date Total 2016/17
Bassendean	89.3	87.3
Bayswater	77.7	163.1
Belmont	134.7	201.1
Kalamunda	174.7	183.2
Mundaring	516.5	368.8
Swan	248.4	239.3
TOTAL (kg)	1,241.3	1,242.8

3. Tours of Red Hill Waste Management Facility and Education Centre from November 2017 to April 2018

- 2017 saw 1,531 people visit and tour Red Hill Waste Management Facility.

Name of group	Council region	Number of Participants	Program
November 2017			
Earth Carers Course	EMRC Region	23	Tour
Red Hill Community Liaison Meeting	Swan	15	Tour
Mary's Mount Primary School	Kalamunda	37	Tour & Ed Centre
January 2018			
Catchments, Corridors and Coast program	N/A	25	Tour & Ed Centre
February 2018			
Wheels Senior Tour	Mundaring	8	Tour
March 2018			
Swan View Primary School - River Rangers	Swan	30	Tour & Ed Centre
Hillcrest Primary School	Bayswater	61	Tour & Ed Centre
April 2018			
Good Shepherd Catholic School	Swan	65	Tour & Ed Centre
North Metropolitan TAFE (Midland Campus)	Swan	17	Tour
Bayswater In Transition Group (S.Fitzpatrick)	Bayswater	11	Tour
	TOTAL	292	



4. School and Community Engagement/Events

4.1 School Events

- Assembly – Woodlupine School – 29 March 2018; and
- Assembly – Clayton View Primary School – 5 April 2018.

4.2 Community Events

- Member Council Waste Education Requests
 - For 2017:
 - Swan - Recycling Showcase – 16 November 2017 - Completed.
 - For 2018:
 - Swan - Altone Comes Alive – Beechboro – 24 March 2018 - completed;
 - Bayswater - Autumn River Festival – Bayswater – 7 April 2018 – booked first - completed;
 - Swan - Aveley Community Festival - 7 April 2018 – did not attend;
 - Swan - Bullsbrook Country Fair - 8 April 2018 - completed;
 - All - Perth Garden Festival – 12-15 April 2018 - completed;
 - EMRC & Swan - Toodyay Road Cleanup – 28 April 2018 - completed;
 - Swan – Compost in May at Bullsbrook Recycling Centre – 8/9 May 2018;
 - Swan - Gidgegannup Small Farm Field Day – 27 May 2018;
 - Swan - Ellen Stirling Earth Day – Ellenbrook – 14 June 2018 (9am-2pm);
 - All - Perth Royal Show – 22-29 September 2018; and
 - Swan - Gidgegannup Show – 27 October 2018.
- Regional Workshops in 2018:
 - Little Green Steps – 10 April 2019 - completed; and
 - Waste Wise Introductory Workshop – 25 May 2018 – deferred new date TBC.
- Community Requests in 2018:
 - Nil
- Joint events with the other Regional Councils in 2018:
 - Perth Garden Festival – 12-15 April 2018 - completed; and
 - Perth Royal Show – 22-29 September 2018.
- EMRC Waste Education run events
 - For 2017:
 - Waste Education Team:
 - Recycling Week Tours –13 and 14 November 2017 – Completed; and
 - Earth Carers course – November 2017 - Completed.
 - For 2018 (Planned – dates TBC):
 - Waste Education Team:
 - Community Tours – (TBC);
 - Earth Carers course – 16-30 May 2018;
 - Plastic Free July community event – June 2018 (TBC);
 - Earth Carers course – October/November 2018 (TBC); and
 - Recycling Week Tours –12 to 18 November 2018 (TBC).
 - Earth Carers Volunteer Education Team 2018:
 - Blue Sky Festival – Mundaring – 17 March 2018 - completed;
 - Perth Garden Festival – 12-15 April 2018 - completed;
 - Plastic Free July community event –June 2018 (TBC); and
 - Perth Royal Show – 22-29 September 2018.



4.3 Waste Education Networking/Promotion activities attended – November 2017 to April 2018

- Greenwaste Audit Meeting - Red Hill Waste Management Facility – 1 November 2017;
- Earth Carers at WMRC – 1 November 2017;
- Regional Waste Education Steering Group Meeting and Tour Bullsbrook Recycling Centre – 9 November 2017;
- Blue Sky Festival Planning Meetings – 10 and 24 November 2017;
- Waste Wise Schools meeting with Bayswater – 16 November 2017;
- WMCRG Meeting - 20 November 2017;
- Red Hill Community Liaison Meeting – 21 November 2017;
- West Australian Sustainable Education Forum – 1 December 2017;
- Waste Educators Network Working Group Meeting - 14 December 2017;
- Blue Sky Festival Planning Meetings – 21 December 2017 and 4 January 2018;
- Waste Educators Network Working Group Meeting - 25 January 2018;
- WALGA Workshop – Multi Residential Dwellings – 5 February 2018;
- Regional Waste Education Steering Group – 8 February 2018;
- Plastic Bag Consultation – 13 February 2018;
- Red Hill Community Liaison Meeting – 20 February 2018;
- AAEE WA Meeting – Conference planning - 9 March 2018;
- AAEE WA Meeting – General Meeting - 15 March 2018;
- Regional Waste Education Steering Group Meeting – 22 March 2018;
- MRC/Tamala Park – meeting Peg Davies – 21 March 2018;
- Waste Educator’s Networking Group – 29 March 2018;
- WALGA Reduce Illegal Dumping Working Group – 9 April 2018;
- Sustainable Schools Meeting – 12 April 2018;
- Waste Strategy Meeting – 20 April 2018; and
- Waste Educator’s Working Group – 26 April 2018.

4.4 Waste Education Loan Resources utilisation

- Waste Sort and Waste and Ladders Game was borrowed by Riverlands Montessori in November 2017;
- All loan kits are back at the EMRC ready to be loaned out in 2018;
- Small Litter Letters – Anne Hammersley Primary School March/April 2018;
- RGANG Mannequins – borrowed by City of Swan for April 2018; and
- Small Litter Letters – Red Hill Waste Management Facility April/May 2018.

5. Additional Current projects:

5.1 National Recycling Week

- Three events were held in National Recycling Week, 13-19 November 2017. Consisting of:
 - Zero Waste Shopping Tour – 13 November 2017 – 17 people registered and 10 attended; and
 - Two Cleanaway Material Recovery Facility Tours – 14 November 2017 – 25 people registered and 18 attended.

5.2 Earth Carers Course November 2017

- Course ran on Thursday evenings from 16 November to the 30 November 2017 at the Mundaring Administration building.
- Participants toured the City of Swan Depot and Red Hill Waste Management Facility on Saturday 18 November 2017 and visited the Glen Forrest Community Garden for a composting and worm farming workshop on Saturday 25 November 2017.
- 16 people completed the full course.

5.3 Bayswater Greenwaste Audit

- A consultant was utilised to develop the scope for the MGB Greenwaste audit at Red Hill. The specification document is being finalised and will then go out for quote.

5.4 Bayswater Greenwaste December 2017 Communications

- Drafted up an advertorial/article and a graphic that can be used by Bayswater to adapt to highlight the extra contamination that happens around the holiday periods. Ran in December 2017.



5.5 Bayswater Greenwaste Sticker Updates

- Feedback and recommendations were provided on request to Bayswater on their MGB Greenwaste bin stickers, as they are due for a reprint.

5.6 Waste and Recycle Guide 2018/2019

- The timetable for the 2018/19 guide production was distributed and guide numbers sought from all six member councils. All member councils have submitted their drafts. Quote request for design update and printing has gone out. Guide updating is underway and all guides are currently in draft stage.

5.7 Waste Education Strategy

- A consultant was engaged to continue developing the strategy, utilising all the work done by the Regional Waste Education Steering Group (RWESG).
- A draft set of Principles, Objectives, Regional Objectives, Regional Strategies, Initiatives and Actions has been presented to the RWESG to consider.
- The principles and objectives of the Western Australian Waste Strategy are matched and reflected in the Regional Strategy.
- Draft Regional Objectives include:
 - Waste reduction (Implement and promote strategies that focus on reducing wastes in all community sectors)
 - Public source separation (Advocate, initiate, encourage and maintain long-term planning for waste collection and processing facilities and enable access to suitably located collection facilities)
 - Bulk waste separation
 - Waste education
 - In house & partnerships
 - Encourage and promote best practice guidelines, measures and reporting frameworks and their adoption
 - Promote consistency across the region for collection methods and collection facilities
 - Support financial viability of actions to divert waste from landfill
 - Increase awareness of the region's waste management initiatives
 - Increase community involvement in the region's waste management initiatives and capacity to practise waste avoidance
 - Collect and analyse data on waste and recycling services and performance across the region to measure progress against Waste Strategy targets, assist program evaluation and meet reporting requirements
 - Regular review and updating of the Waste Education Strategy and associated actions in response to emerging issues, legislative and policy movements, changing market circumstances, national waste policy development and implementation of initiatives, such as producer responsibility schemes
- The RWESG is going over the draft strategy reviewing actions.
- Due to the current review of the WA Waste Strategy, we will need to wait to finalise our Regional Strategy, to ensure it is correctly aligned. Reviewing time frames can then come in line with reviews of the State Strategy in the future.

5.8 Battery and CFL Recycling story.

- The member Councils, through the Regional Waste Education Steering Group, asked for a brief historical overview of the Battery and CFL program.
- They wanted to be able to put this information in newsletters and on websites etc. to essentially promote how much the program has grown and how it is available.
- Six versions were created, one for each member Council and distributed to the member Councils for their use.



5.9 Toodyay Road Clean-up – held Saturday 28 April between 9am and Noon.

- In partnership with EMRC, Main Roads WA, Keep Australia Beautiful WA and the City of Swan, a community litter clean-up along a 6km stretch of Toodyay Road was held aiming to clean between the Red Hill Lookout and Roland Road Gidgegannup.
- Online registrations were taken via www.rgang.org.au and registered participants received further details, via email, before the event.
- Due to limited onsite parking, buses are provided from a number of locations to the event venue.
 - 30 volunteers attended.
 - Both the western and eastern sides of Red Hill Waste Management Facility was cleaned this year, however the group could not do all the way to Roland road due to Toodyay Road roadworks.
 - The small set of Litter Letters were installed at the Red Hill Waste Management Facility and filled as part of the event.
 - Main Roads will report to us how many bags plus large loose items are collected and the total weight when it is all collected.

5.10 Earth Carers Course May 2018

- The next course is planned and will run between 16 – 30 May 2018. Registrations are open via Rgang website.

5.11 Youth Waste Workshops

- Waste Education and Bush Skills 4 Youth have collaborated to create two full day workshops to be run through the school holidays. These are planned for 5 July and 24 September 2018.
- The workshops will explore what happens with waste in the eastern metropolitan area including;
 - Its environmental effects;
 - What you and your family can do; and
 - Protecting our communities, waterways and animals.

5.12 Red Hill Waste Education Building and Garden

- The garden has been pruned, tidied and fertilised with worm castings.
- The worm farm has been totally revamped.
- Temporary signage has been added to the worm farm and compost bin to educate users and visitors.

5.13 Website, Fact Sheets and Brochures

- The re-imaged R Gang website was due to go live in November. Considerable work was done to try and minimise any bugs or previously deleted pages from going live. Both sites were updated through November in order to keep information correct.
- The newly imaged R Gang website went live in December 2017.
- Member Councils have been asked to check their links and their information and update if necessary.
- The website (R Gang) has had a number of page updates completed.
- A review has been completed of the entire R Gang website and editing will be undertaken when time allows.

APPENDIX

Public Place Battery Collection Program

Public Battery Recycling Local Government Region and Locality	November 2017 (kg)	December 2017 (kg)	January 2018 (kg)	February 2018 (kg)	March 2018 (kg)	April 2018 (kg)	Year to Date Total 2017/18
City of Bayswater							
Bayswater Administration Office	23.9	11.9	40.9	25	15.3	18.5	210.2
Bayswater Info Centre @ Westfield Galleria (closed 18th August 2017)	~	~	~	~	~	~	65.3
Bayswater Public Library	6.7	20.4	16.9	15	14.8	13.2	155.8
Maylands Public Library (The Rise)	27.1	24	21.3	37	14.4	13.2	259.8
Morley Public Library	25.9	14.3	16.6	33.5	38.9	17.8	238.3
Total	83.6	70.6	95.7	110.5	83.4	62.7	929.4
City of Belmont							
Belmont Administration Office	40.6	38.3	54.9	38.7	19.4	24.6	289.2
Belmont Forum	~	~	~	~	~	30.3	564.9
Belmont Public Library	15.3	10.2	~	6.2	~	44.0	134.5
EMRC	~	~	4.9	25.3	11.4	6.9	98.8
Total	55.9	48.5	59.8	70.2	30.8	105.8	1,087.4
City of Swan							
Altone Library	22.0	5.1	8.4	13.7	13.9	4.3	113.9
Ballajura Library	8.5	19.2	8.7	15.1	8.6	7.1	108.8
Bullsbrook Recycling Centre	~	~	~	~	~	~	0
Ellenbrook Library	13.8	8.2	19.1	4.6	5.3	2.7	48.9
Guildford Library	~	~	~	122	17.9	20.9	306.7
Midland Gate Shopping Centre	66.8	65.2	36.0	26.9	57.8	45.9	560.4
Midland Library	40.4	17.3	26.0	~	13.8	8.1	162.2
Swan Administration Office	4.8	6.3	6.5	56.2	~	~	0
Swan Operations Centre	53.0	0	4.4	47.4	31.4	50.9	497.9
The Shops at Ellenbrook (Green Room)	52.2	62.4	59.3	98.5	22.9	17.1	285
Total	261.5	183.7	168.4	384.4	171.6	157	2,083.8
Shire of Kalamunda							
Forrestfield Library	52.3	~	9.8	11.5	40.2	54.4	466.4
Hawaiian's Forrestfield	3.0	~	118.5	92.6	4.8	11.1	59.7
High Wycombe Library	3.4	~	6.7	8.5	56.7	50	662.6
Hillview Lifestyle Village	45.2	~	6.3	~	5.1	4.0	57.2
Kalamunda Administration Office	32.3	~	47.4	22.5	~	17	68.5
Kalamunda Central	45.9	~	89.3	64.9	25.5	23.7	260.7
Kalamunda Library	25.1	~	56.5	41.6	32.4	14.0	262.5
Lesmurdie Library	~	~	~	~	~	~	~
Lesmurdie Shopping Village	9.4	~	21.8	22.3	17.3	6.3	77.1
Walliston Transfer Station	148.9	~	~	348.4	~	95.4	813.4
Total	365.5	~	356.3	612.3	182	275.9	2,728.1
Shire of Mundaring							
Albert Facey Memorial Library (Mundaring)	~	13.8	~	42.4	12.9	11.2	188.1
Boya Library (replaced Katharine S Prichard Library)	10.1	11.6	~	42.3	10.6	9.9	156.9
Coppin Road Transfer Station	30.9	10.1	~	72.7	27.2	24.4	261.9
Mathieson Road Transfer Station	36.1	~	~	119.6	~	~	234.2
Mundaring Administration Building	48.2	7.8	~	31.6	20.8	13.4	212.4
Wasteless Pantry	15.7	6.0	~	31.7	16.8	9.3	147.0
Total	141	49.3	~	340.3	88.3	68.2	1,200.5
Town of Bassendean							
Bassendean Admin Building	7.3	9.1	2.4	5.6	4.9	7.0	96.6
Bassendean Library	90.3	56.8	39.3	48.1	37.2	30.5	503.6
Total	97.6	65.9	41.7	53.7	42.1	37.5	600.2
Grand Total (kg)	1,005.1	418	721.9	1571.4	598.2	707.1	8,629.4

Schools Battery Collection Program

School Battery Recycling Local Government Region and Schools	November 2017 (kg)	December 2017 (kg)	February 2018 (kg)	March 2018 (kg)	April 2018 (kg)	Year to Date Total 2017/18
City of Bayswater						
Bayswater Primary School	1.7	~	~	7.3	~	14.0
Camboon Primary School	19.0	6.4	~	0	~	41.5
Durham Rd. Primary	6.5	~	~	10.3	~	34.5
Hampton Park Primary School	33.1	~	~	35.3	~	91.3
Hampton Senior High School	0	~	~	9.4	~	19.6
Hillcrest Primary School	NA	NA	~	0	~	0
Morley Primary School	3.4	~	1	0	~	9.4
Noranda Primary School	33.8	~	~	72.8	~	150
St Peter's Primary School	18.1	~	~	6.6	~	30.7
Weld Square Primary School	24.7	12.3	~	17.4	~	106.9
Total	140.3	18.7	1	159.1	~	497.9
City of Belmont						
Belmont Primary School	~	11.6	~	~	10.2	28.7
Carlisle Primary	~	8.0	~	~	3.5	49.4
Cloverdale Primary School	~	3.3	~	~	3.9	7.2
Kewdale Primary School	~	42.4	~	~	14.6	61.7
Notre Dame Catholic Primary	~	2.7	~	~	2.5	13.2
Redcliffe Primary School	~	14.4	~	~	5.1	21.8
Rivervale (Tranby) Primary School	~	0	~	~	0	7.8
St. Maria Goretti's Primary School	~	0	~	~	0	0.5
Total	~	82.4	~	~	39.8	190.3
City of Swan						
Anne Hamersley Primary	~	~	12.5	~	~	17.6
Arbor Grove Primary	~	~	27.5	~	~	121.4
Ballajura Primary School	~	3.5	~	~	7.7	11.2
Beechboro Christian School	~	37.3	~	~	78.4	261.3
Bullsbrook College (Primary Campus)	~	95.9	23.5	~	~	161.1
Clayton View Primary	~	~	~	~	101.6	104.6
East Beechboro Primary School	~	19.9	~	~	11.6	42.9
Ellen Stirling Primary School	~	~	20.1	~	~	79.5
Ellenbrook Christian College	~	1.8	5.9	~	~	12.1
Ellenbrook Primary School	~	~	10.1	~	~	22.8
Good Shepherd School	~	~	~	0	~	0
Guildford Grammar School	~	~	~	13.9	~	13.9
Guildford Primary School	~	~	~	33.9	~	84.4
Illawarra Primary School	~	5.9	~	2	7.0	15.6
John Septimus Roe ACS - Beechboro	~	8.7	~	~	3.6	18
Kiara College	32.9	0	~	~	2.6	36.2
La Salle College	~	~	~	13.2	~	17.3
Lockridge Primary School	~	~	~	~	~	0
Malvern Springs Early Learning Centre	NA	NA	NA	NA	NA	NA
Malvern Springs Primary School	~	~	21.3	~	~	29.4
Middle Swan Primary School	~	~	~	4.9	~	10.9
Riverlands Montessori School	~	~	~	~	34.6	52.1
South Ballajura Primary School	~	2.5	~	~	3.4	8.4
St Brigid's Primary School	~	34.3	~	23.6	~	142.3
St Helena's Catholic Primary School	~	~	0	~	~	6.8
Swan Valley Anglican Community School	~	7.4	0	~	6	13.4
Swan View Primary School	~	~	11.4	15.0	~	48.9
Upper Swan Primary School	~	~	16.9	~	~	46.8
West Beechboro Primary School	~	2.6	~	~	4.9	15.6
Woodbridge Primary School	~	~	~	18.9	~	44.2
Total	32.9	219.8	149.2	125.4	261.4	1,438.7

School Battery Recycling Local Government Region and Schools	November 2017 (kg)	December 2017 (kg)	February 2018 (kg)	March 2018 (kg)	April 2018 (kg)	Year to Date Total 2017/18
Shire of Kalamunda						
Carmel Adventist Primary School	7.6	~	~	~	~	12.8
Dawson Park Primary School	~	14.9	~	10.1	~	32.0
Edney Primary	~	48.2	~	23.7	~	103.8
Falls Road Primary School	~	~	9.4	~	~	16.9
Gooseberry Hill Primary School	~	57.3	0	~	~	83.6
High Wycombe Primary School	~	140.4	34.8	~	~	407.3
Hillside Christian College	44.8	23	~	17.5	~	122.1
Kalamunda Christian Primary School	79.9	~	~	~	~	85.6
Kalamunda Primary School	~	~	29.1	~	~	108.5
Kalamunda SHS Education Support	~	~	~	17.5	~	17.5
Lesmurdie Primary School	~	~	8	~	~	98.2
Maida Vale Goodstart Early Learning Centre	~	~	~	2.6	~	3.4
Maida Vale Primary School	~	~	~	21.3	~	42.8
Mary's Mount Primary School	~	35.3	5.0	~	~	60.9
Matthew Gibney Catholic Primary School	~	18.6	~	19.6	~	41.4
Mazenod College	~	~	28.9	~	~	75.6
Pickering Brook Primary School	8.5	~	~	~	~	11.5
St Brigid's College	~	~	4.8	~	~	9.7
Wattle Grove Primary School	~	69.6	~	43.1	~	157.3
Woodlupine Primary School	70.3	~	~	52.3	~	123.8
Total	211.1	407.3	120	207.7	~	1,614.7
Shire of Mundaring						
Chidlow Primary School	0	~	~	~	~	179.4
Darlington Primary School	21.2	~	~	107.3	~	227.7
Glen Forrest Primary School	18.5	~	~	24.4	~	42.9
Greenmount Primary School	98.5	~	~	22.9	~	121.4
Helena College Junior School	~	~	5.2	~	~	8.5
Helena College Senior School	~	16.1	3.2	~	~	30.3
Helena Valley Primary School	17.3	~	~	5	~	22.3
Hills Out of School Care Association	~	~	0	~	~	0
Mount Helena Primary School	~	1.4	0	~	~	8.6
Mundaring Childcare Centre	4.7	~	~	0	~	4.7
Mundaring Christian College Primary Campus	4.1	~	15.3	5	~	45.2
Mundaring Christian College Secondary Campus (Parkerville)	~	~	~	~	~	0
Mundaring Primary School	16.9	~	~	5.3	~	22.2
Parkerville Primary School	20.0	~	~	7.9	~	27.9
Sacred Heart School (Mundaring)	36.6	~	~	5.6	~	42.2
Sawyers Valley Primary School	~	~	21.2	~	~	37.8
Silver Tree Steiner	~	31.8	4.4	~	~	49.0
Treetops Montessori School	~	~	4.2	~	~	23.8
Wooroloo Primary School	3.2	~	~	~	~	8.9
Total	241	49.3	53.5	183.4	~	902.8
Town of Bassendean						
Anzac Terrace Primary School	11.7	~	10.5	~	~	35.6
Ashfield Primary School	1.0	~	0	~	~	3.4
Bassendean Primary School	6.0	~	10.5	~	~	25.1
Casa Mia Montessori School	4.5	4.4	4.5	~	~	21.0
Cyril Jackson Senior Campus	1.1	~	5.9	~	~	15.9
Eden Hill Primary School	19.3	~	2.8	~	~	39.3
St. Michael's Primary School	9.1	~	21.3	~	~	67.1
Total	52.7	4.4	55.5	~	~	207.4
Grand Total (kg)	678	781.9	379.2	675.6	301.2	4,550.6

CFL Collection and Recycling Program

Public CFL Recycling Local Government Region and Locality	November 2017 (kg)	December 2017 (kg)	January 2018 (kg)	February 2018 (kg)	March 2018 (kg)	April 2018 (kg)	Year to Date Total 2017/18
City of Bayswater							
Bayswater Administration Office	~	~	26.0	~	~	~	28.6
Bayswater Info Centre @ Westfield Galleria <small>(closed 18th August 2017)</small>	~	~	~	~	~	~	14.4
Morley Public Library	~	~	~	9.0	~	~	18.0
One Stop Shop @ The Rise	10.7	~	~	~	~	~	16.7
Total	10.7	~	26.0	9.0	~	~	77.7
City of Belmont							
Belmont Administration Office	4.7	~	~	~	~	12.8	42.0
Belmont Forum	~	~	~	~	12.7	5.7	73.9
EMRC	~	~	12.2	~	~	~	18.8
Total	4.7	~	12.2	~	12.7	18.5	134.7
City of Swan							
Altone Library	~	~	~	~	~	~	0
Ballajura Library	~	~	~	~	~	~	7.9
Ellenbrook Library	~	~	~	~	~	~	~
Midland Gate Shopping Centre	7.6	6.5	~	8.0	~	~	59.4
Midland Library	~	6.0	~	9.6	~	10.1	76.7
Recycling Centre Bullsbrook	~	~	~	~	~	~	0
Swan Operations Centre	40.3	~	~	14.7	~	12.7	64.5
The Shops at Ellenbrook	16.5	7.4	~	16.1	8.4	~	39.9
Total	64.4	19.9	~	48.4	8.4	22.8	248.4
Shire of Kalamunda							
Centro Kalamunda	~	~	14.4	~	8.5	~	47.6
Forrestfield Forum Market Place	~	~	12.4	~	11.3	~	42.7
Hillview Village	9.9	~	~	~	~	~	9.9
Kalamunda Administration Office	~	~	31	5.2	~	~	63.3
Lesmurdie Village Shopping Centre	0.9	~	3.1	3.2	4.0	~	11.2
Total	10.8	~	60.9	8.4	23.8	~	174.7
Shire of Mundaring							
Coppin Road Transfer Station	18.6	28.5	~	46.5	28.3	15.5	231.4
Mathieson Road Transfer Station	55.7	~	~	125	~	~	229.3
Mundaring Administration Building	15.4	~	~	7.6	8	~	55.8
Total	89.7	28.5	~	179.1	36.3	15.5	516.5
Town of Bassendean							
Bassendean Admin Building	~	3.7	~	~	~	6.5	26.1
Bassendean Library	5.7	9.0	~	9.3	~	8.8	63.2
Total	5.7	12.7	~	9.3	~	15.3	89.3
Grand Total (kg)	186	61.1	99.1	254.2	81.2	72.1	1,241.3



11.2 RESOURCE RECOVERY PROJECT UPDATE

The Director Waste Services provided a general update to the group on the Resource Recovery Facility Project.

The following points were raised and discussed:

- Timeline for the Draft Regional Waste Management Strategy – What's Ahead;
- Waste Supply Agreement (WSA) was signed mid-March 2018;
- Participation Agreement has been signed by four (4) member Councils; and
- The New Energy Corporation Waste to Energy Plant at East Rockingham is going through the process of obtaining environmental approval and is currently at the assessment phase.

11.3 RESOURCE RECOVERY PARK UPDATE

The Manager Resource Recovery updated the group on the following topics:

- Hazelmere Resource Recovery Park progress, including the Hazelmere Wood Waste to Energy Project;
- The Commercial and Industrial Waste Plant;
- Hazelmere Resource Recovery Park Stage 2 design and tender; and
- General site development.

12 FUTURE MEETINGS OF THE WMCRG

The next meeting of the Waste Management Community Reference Group will be held on **Monday, 13 August 2018 (if required)** at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 6:00pm.

Future Meetings 2018

Monday	13 August (if required)	at	EMRC Administration Office
Monday	19 November (if required)	at	EMRC Administration Office

13 DECLARATION OF CLOSURE OF MEETING

There being no further business, the Chairman declared the meeting closed at 7:45pm.