



Waste Management Community
Reference Group

MINUTES

20 November 2017

Eastern Metropolitan Regional Council
1st Floor, Ascot Place, 226 Great Eastern Highway
BELMONT WA 6104

Telephone: (08) 9424 2222
Facsimile: (08) 9277 7598
e-mail: mail@emrc.org.au

WASTE MANAGEMENT COMMUNITY REFERENCE GROUP

MINUTES

20 November 2017

(REF: D2017/17818)

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, 20 November 2017**. The meeting commenced at **6:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chief Executive Officer (CEO) opened the meeting at 6.00pm and advised members that the Chairman and Deputy Chairman were apologies for the meeting.

The CEO called for a member to chair the meeting. Mr Dell nominated himself and with no further nominations, the CEO thanked Mr Dell and vacated the chair at 6.03pm.

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

Committee Members

Mr Edwin Dell	Acting Chairman
Mr Anthony Fowler	Member
Mr Malcolm Barker	Member
Mr Mark Simpson	Member
Mr Ray Lewis	Member

Apologies

Ms Dianne Katscherian	Chairman
Ms Ruth Kendall	Deputy Chairman

EMRC Officers

Mr Peter Schneider	Chief Executive Officer
Mr Stephen Fitzpatrick	Director Waste Services
Mr Dave Beresford	Manager Resource Recovery
Ms Bronwyn Lee	Waste Education Officer
Ms Annette Rakich	Administration Officer (Minute Taker)

3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil



6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF WMCRG MEETING HELD ON 26 JUNE 2017

That the Minutes of the Waste Management Community Reference Group meeting held on 26 June 2017, which have been distributed, be confirmed.

WMCRG RESOLUTION(S)

MOVED MR LEWIS

SECONDED MR BARKER

THAT THE MINUTES OF THE WASTE MANAGEMENT COMMUNITY REFERENCE GROUP MEETING HELD ON 26 JUNE 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 update to the group on the Resource Recovery Facility Tender.

At the 7 September 2017 Special Council meeting, Council resolved behind closed doors:

THAT:

1. *COUNCIL CONFIRMS THAT THE PREFERRED TENDERER FOR REQUEST FOR TENDER (RFT) 2016-005 – RESOURCE RECOVERY FACILITY (RRF) IS A CONSORTIUM COMPRISING HITACHI ZOSEN INOVA AG, NEW ENERGY CORPORATION PTY LTD AND TRIBE INFRASTRUCTURE DEVELOPMENT PTE LTD (HZI CONSORTIUM).*
2. *COUNCIL CONFIRMS THAT HZI CONSORTIUM INTENDS TO ESTABLISH AN ENERGY FROM WASTE FACILITY IN EAST ROCKINGHAM TO PROCESS MUNICIPAL WASTE FROM THE EMRC, MRC AND COMMERCIAL CUSTOMERS.*
3. *COUNCIL ADOPTS THE WASTE SUPPLY AGREEMENT BETWEEN EMRC AND HZI CONSORTIUM FORMING AN ATTACHMENT TO THIS REPORT.*
4. *THE CHAIRMAN AND THE CHIEF EXECUTIVE OFFICER BE AUTHORISED TO SIGN THE WASTE SUPPLY AGREEMENT WITH HZI CONSORTIUM UNDER THE COMMON SEAL.*
5. *COUNCIL ADOPTS THE FINANCIER SIDE DEED WITH THE SECURITY TRUSTEE AND EACH OF THE EMRC MEMBER COUNCILS FORMING AN ATTACHMENT TO THIS REPORT.*
6. *THE CHAIRMAN AND THE CHIEF EXECUTIVE OFFICER BE AUTHORISED TO SIGN THE FINANCIER SIDE DEED WITH THE SECURITY TRUSTEE UNDER THE COMMON SEAL.*
7. *COUNCIL ADOPTS THE PARTICIPANTS AGREEMENT FOR A WASTE SUPPLY AGREEMENT WITH EACH OF THE EMRC MEMBER COUNCILS.*
8. *THE CHAIRMAN AND THE CHIEF EXECUTIVE OFFICER BE AUTHORISED TO SIGN THE PARTICIPANTS AGREEMENT FOR A WASTE SUPPLY AGREEMENT UNDER THE COMMON SEAL WITH EACH OF THE EMRC MEMBER COUNCILS.*
9. *THE CEO BE AUTHORISED IN CONSULTATION WITH THE CHAIRMAN AND ON LEGAL ADVICE TO MAKE MINOR CHANGES TO THE AGREEMENTS FORMING ATTACHMENTS TO THIS REPORT.*
10. *EMRC MEMBER COUNCILS BE REQUESTED TO ADOPT AND SIGN THE PARTICIPATION AGREEMENT FOR A WASTE SUPPLY AGREEMENT.*
11. *EMRC MEMBER COUNCILS BE REQUESTED TO ADOPT AND SIGN THE FINANCIER SIDE DEED.*
12. *THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO.*

Mr Lewis advised that some members of the public were aware of the EMRC decision via local media before the members of the WMCRG were advised.

The CEO informed Mr Lewis that he personally forwarded an email to all WMCRG members at the same time as the media release in September 2017. The Acting Chairman and Mr Fowler confirmed they received the email. The CEO said that because the tender was commercial-in-confidence, the only information the EMRC can release is what was contained in the press release. The tender process is still active at this stage and is subject to the tenderer getting the environmental approvals and financial close.

The Director Waste Services advised the next phase is finalising the various agreements with the preferred tenderer and then HZI need to get financial close, which may take up to one year. The environmental approval for the HZI facility at East Rockingham is being amended to account for the new technology and will come out soon.



10 REPORTS OF DELEGATES

Mr Fowler brought to the attention of the members a newspaper article in the West Australian on recycling and an article in the Hills Gazette from Friday 13 October 2017 headlined "Secrecy rubbished." He also brought along with him some soft plastics to find out where they can be recycled.

The Waste Education Officer advised the various options available including:

- Soft plastics are accepted at Coles through their partnership with REDcycle which is then turned into plastic furniture.
- Hard Plastics are recycled through the member Council yellow lid recycling bin.
- Glass containers are recycled into roadbase in WA.

11 GENERAL BUSINESS

11.1 EMRC COUNCIL UPDATE 2017 - 2019

The CEO provided an update to the group on the new EMRC Council following the Local Government Election held on Saturday 21 October 2017.

The CEO advised the members that the EMRC has six (6) new Councillors and five (5) new Deputy Councillors. A Councillor Induction Session will be held Thursday 23 November 2017.

The CEO also advised that the EMRC's new Chairman is Cr David McDonnell from the City of Swan and the new Deputy Chairman Cr Dylan O'Connor from the City of Kalamunda. The first meeting of Council will be held on Thursday 7 December 2017.

11.2 RESOURCE RECOVERY PROJECT UPDATE

The Director Waste Services advised this matter was covered under item 9.

In addition to item 11.4:

FAQs

Frequently Asked Questions (FAQs) specific to the Resource Recovery Facility (RRF) tender are on the EMRC website (<http://www.emrc.org.au/questions-and-answers.htm>). The RRF is expected to be operational in three to four years' time.

State Waste Strategy – Consultation paper

The Waste Authority has a consultation paper out on the State Waste Strategy. Written submissions close on 1 March 2018. The EMRC will be preparing a submission.

The web link to the Waste Avoidance and Resource Recovery Strategy Consultation paper is as follows:
<http://www.wasteauthority.wa.gov.au/about/waste-strategy/review-of-waste-strategy>



11.3 WASTE EDUCATION UPDATE

The Waste Education Officer provided an update on the waste education initiatives undertaken during the period between July 2017 and October 2017.

- **Public Recycling Updates:**

- The Battery and Compact Fluorescent Lights (CFL) collection information is provided to the member Council representatives on the Regional Waste Education Steering Group (RWESG) and the members of the WMCRG at each meeting.
- The collection of batteries at the Walliston Transfer Station resumed in July and it is expected to take several months to transport the backlog.
- Guildford Grammar School and Good Shepherd Catholic School have joined the program.
- This report includes data from July to October 2017. 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 - Public Places</u>	Year to Date Total 2017/2018	Year to Date Total 2016/2017
Bassendean	261.7	236.8
Bayswater	422.9	408.6
Belmont	716.4	685.2
Kalamunda	865.6	823.7
Mundaring	513.4	419.5
Swan	757.2	729.2
TOTAL (kg)	3,537.2	3,303.0

<u>Battery Recycling - Schools</u>	Year to Date Total 2017/2018	Year to Date Total 2016/2017
Bassendean	94.8	180.2
Bayswater	178.8	205.3
Belmont	68.1	32.0
Kalamunda	668.6	361.6
Mundaring	375.6	97.7
Swan	650.0	542.4
TOTAL (kg)	2,035.9	1,419.2

<u>CFL Recycling - Public Places</u>	Year to Date Total 2017/2018	Year to Date Total 2016/2017
Bassendean	46.3	35.3
Bayswater	32.0	79.9
Belmont	86.6	83.0
Kalamunda	70.8	85.8
Mundaring	164.4	101.3
Swan	84.5	88.7
TOTAL (kg)	487.6	474.0



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- **Tours of Red Hill Waste Management Facility and Education Centre:**
 - The following tours occurred between July and October 2017.

Name of group	Member Council Region	Number of Participants	Program
July			
John Septimus Roe Anglican Community School	Swan	61	Tour & Ed Centre
August 2017			
Holy Cross College	Swan	48	Tour & Ed Centre
Holy Cross College	Swan	48	Tour & Ed Centre
St Brigid's College	Kalamunda	75	Tour & Ed Centre
September 2017			
Herne Hill Primary School	Kalamunda	63	Tour & Ed Centre
Chidlow Primary School	Mundaring	52	Tour & Ed Centre
Beechboro Christian College	Swan	38	Tour & Ed Centre
North Metro TAFE	All	12	Tour & Ed Centre
Bush Skills For Youth	EMRC Region	30	Tour & Ed Centre
October 2017			
Belmont YMCA	Belmont	6	Tour
Kalamunda SHS ECS	Kalamunda	17	Tour & Ed Centre
Kalamunda SHS ECS	Kalamunda	19	Tour & Ed Centre
Ellenbrook Christian College	Swan	34	Tour & Ed Centre
Guildford Primary School	Swan	50	Tour & Ed Centre
Belmont Primary School	Belmont	40	Tour & Ed Centre
Kalamunda SHS ECS	Kalamunda	11	Tour & Ed Centre
	TOTAL	604	

- **School Engagement/Events:**
 - School Assembly and Battery Presentation – Sawyers Valley Primary School – 4 August 2017.
- **Community Engagement/Events:**
 - Current Member Council Waste Education Requests for 2017:
 - Waste Education Display
 - EnviroFest – Whiteman Park – 25 March 2017 - Completed;
 - Autumn River Festival – Bayswater – 1 April 2017 - Completed;
 - Ellenbrook Connect - 1 April 2017 – unable to attend;
 - Altone Comes Alive – Beechboro – 8 April 2017 - Completed;
 - Maylands Green Day – 21 April 2017 - Completed;
 - Perth Garden Festival – 27-30 April 2017 - Completed;
 - Toodyay Road Cleanup – 29 April 2017 - Completed;
 - Gidgegannup Small Farm Field Day – 25 May 2017 - Completed;



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- Mobile Environmental Awareness Unit Launch with City of Swan – Ellen Stirling Primary School – 15 June 2017 - Completed;
- Avon Descent at Lilac Hill – 6 August 2017 – unable to attend;
- Ballajura Community Fair – 20 August 2017 – unable to attend;
- Perth Royal Show – 23-30 September 2017 - Completed; and
- Gidgegannup Show – 28 October 2017 - Completed.
- Community Requests:
 - Waste management Workshop – Bassendean – 18 June 2017 – Cancelled.
- EMRC Waste Education run events:
 - Waste Education Team:
 - Earth Carers event – 18 January 2017 - Completed;
 - Community Tours – tours delayed;
 - Earth Carers course – June 2017 - Completed;
 - Plastic Free July community event – 25 June 2017 – Completed;
 - Earth Carers Cleanaway MRF Tour – 4 October 2017 - Completed; and
 - Earth Carers course – November 2017 - underway.
 - Earth Carers Volunteer Education Team:
 - Maylands Green Day – 21 April 2017 - Completed;
 - Perth Garden Festival – 27-30 April 2017 - Completed;
 - Plastic Free July community event – 25 June 2017 - Completed; and
 - Perth Royal Show – 23-30 September 2017 - Completed.
- **Waste Education Networking/Promotion**
 - Plastic Free July (local event) debriefing meeting - 4 July 2017;
 - Meeting at WALGA re online Earth Carers – 7 July 2017;
 - Tour of the new Cleanaway MRF – 18 July 2017;
 - Envirostream (Battery Recycling) Presentation – 30 August 2017;
 - Plastic Free July regional meeting – 31 August 2017;
 - WENG meeting – 31 August 2017;
 - Blue Sky Festival Meeting – 1 September 2017;
 - RWESG Meeting – 7 September 2017;
 - Belmont Waste Wise Awards Breakfast – 13 September 2017;
 - Waste & Recycle Conference – 14/15 September 2017;
 - War on Plastic – Perth City Farm – 18 October 2017;
 - Earth Carers at WMRC – 25 October 2017;
 - Joint events with the other Regional Councils in 2017 include the Less is More Festival (01/04/2017 – Completed), the Perth Garden Festival (27/4 - 30/4/2017 - Completed) and the Perth Royal Show (23/9/2017 – 30/9/2017) ; and



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- Joint promotions with the other Regional Councils
 - Currently planning a joint food waste campaign.
- **Waste Education Loan Resources Utilisation**
 - Loan boxes (Paper making and Early Childhood books) booked by Mary's Mount Primary School for July and August;
 - Small set of Litter Letters utilised by Swan Valley Anglican Community School in August;
 - Small set of Litter Letters utilised at the Royal Perth Show in September; and
 - Waste Sort and Waste and Ladders Game borrowed by Riverland's Montessori for October/November .
- **Other Projects**
 - Waste and Recycle Guides 2017/2018
 - The guides for this financial year were all updated, printed and delivered for all six member Councils. Websites were updated with new guides.
 - Waste Education Strategy Review
 - RWESG members have completed several small, targeted, planning sessions.
 - The Core waste education areas for the next strategy are: waste reduction, public source separation and bulk waste separation.
 - Priority areas are: partnerships, schools and community.
 - RWESG will review the new draft and finalise the strategy. Once this is completed it will go to WMCRG, Chief Executive Officers Advisory Committee (CEOAC) and Executive Management Team (EMT), followed by Resource Recovery Committee (RRC) and Ordinary Council for adoption.
 - National Recycling Week
 - Two events were organised for National Recycling Week, 13-19 November 2017 consisting of:
 - Cleanaway Material Recovery Facility (MRF) Tour
 - Zero Waste Shopping Tour
 - Member Councils and Earth Carers were provided with an electronic poster to distribute for promotional purposes.
 - Earth Carers Course
 - Registrations opened on the Rgang website for a course to be run between 16-30 November. This course will be held in Mundaring as requested by the Mundaring Shire and open to all residents. As at the end of October, there are 15 enrolments.
 - City of Swan is again assisting by providing access to their Depot.
 - Flyer has been distributed to community groups and Councils.
 - Bayswater Greenwaste Audit
 - Discussions underway between the EMRC, City of Bayswater and a consultant.



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- Website, Fact Sheets and Brochures
 - The website (RGang) has had a number of page updates completed in relation to the new Waste and Recycle Guide.
 - The RGang website has been re-imaged and is due to go live shortly. Considerable work has been done to try and minimise any bugs or previously deleted pages from going live.

APPENDIX

CFL Collection and Recycling Program

Public CFL Recycling Local Government Region and Locality	July 2017 (kg)	August 2017 (kg)	September 2017 (kg)	October 2017 (kg)	Year to Date Total 2017/2018
City of Bayswater					
Bayswater Administration Office	~	0.7	1.9	~	2.6
Bayswater Info Centre @ Galleria	13.1	1.3	~	~	14.4
Morley Public Library	~	3.6	4.1	~	7.7
One Stop Shop @ The Rise	~	4.3	3.0	~	7.3
Total	13.1	9.9	9.0	~	32.0
City of Belmont					
Belmont Administration Office	~	7.7	~	16.8	24.5
Belmont Forum	27.0	7.8	20.7	~	55.5
EMRC	~	~	6.6	~	6.6
Total	27.0	15.5	27.3	16.8	86.6
City of Swan					
Altone Library	~	~	~	~	0.0
Ballajura Library	~	7.9	~	~	7.9
Ellenbrook Library	~	~	~	~	0.0
Midland Gate Shopping Centre	10.2	5.8	8.9	4.8	29.7
Midland Library	~	5.7	5.5	4.7	15.9
Recycling Centre Bullsbrook	Opened September	Opened September	~	~	~
Swan Operations Centre	~	4.4	~	~	4.4
The Shops at Ellenbrook	~	21.8	4.8	~	26.6
Total	10.2	45.6	19.2	9.5	84.5
City of Kalamunda					
Centro Kalamunda	7.9	5.5	3.7	7.6	24.7
Forrestfield Forum Market Place	~	9.5	4.7	4.8	19.0
Kalamunda Administration Office	9.3	9.3	8.5	~	27.1
Total	17.2	24.3	16.9	12.4	70.8
Shire of Mundaring					
Coppin Road Transfer Station	~	47.9	28.3	17.8	94.0
Mathieson Road Transfer Station	12.1	~	36.5	~	48.6
Mundaring Administration Building	~	24.8	~	~	24.8
Total	12.1	72.7	64.8	17.8	167.4
Town of Bassendean					
Bassendean Admin Building	5.2	4.1	4.4	2.2	15.9
Bassendean Library	12.8	6.3	6.0	5.3	30.4
Total	18.0	10.4	10.4	7.5	46.3
Grand Total	97.6	178.4	147.6	64.0	487.6



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Public Place Battery Collection Program

Public Battery Recycling Local Government Region and Locality	July 2017 (kg)	August 2017 (kg)	September 2017 (kg)	October 2017 (kg)	Year to Date Total 2017/2018
City of Bayswater					
Bayswater Administration Office	~	38.3	26.0	10.4	74.7
Bayswater Info Centre @ Westfield Galleria	50.6	14.7	0.0	~	65.3
Bayswater Public Library	25.1	13.2	16.7	13.8	68.8
Maylands Public Library (The Rise)	~	56.8	40.4	25.6	122.8
Morley Public Library	~	42.1	35	14.2	91.3
Total	75.7	165.1	118.1	64	422.9
City of Belmont					
Belmont Administration Office	~	37.6	25.5	9.6	72.7
Belmont Forum	223.3	53.5	158.2	99.6	534.6
Belmont Public Library	~	21.1	4.0	4.6	29.7
EMRC	~	65.0	~	14.4	79.4
Total	223.3	177.2	187.7	128.2	716.4
City of Swan					
Altone Library	~	22.6	17.6	6.3	46.5
Ballajura Library	~	28.8	8.5	4.3	41.6
Ellenbrook Library	~	24.0	16.0	32.3	72.3
Guildford Library	0.0	0.0	0.0	~	0.0
Midland Gate Shopping Centre	48.0	38.9	54.7	49.8	191.4
Midland Library	34.3	41.5	20.4	17.7	113.9
Recycling Centre Bullsbrook	Starts-Sept	~	~	~	0.0
Swan Administration Office	2.6	2.7	9.3	4.1	18.7
Swan Operations Centre	3.6	41.0	38.9	5.0	88.5
The Shops at Ellenbrook (Green Room)	~	84.2	54.7	45.4	184.3
Total	88.5	283.7	220.1	164.9	757.2
City of Kalamunda					
Centro Kalamunda	66.5	48.0	~	57.2	171.7
Forrestfield Forum Market Place	89.2	46.0	86.8	0.0	222.0
Forrestfield Library	6.2	4.2	4.5	4.6	19.5
High Wycombe Library	16.1	6.1	3.0	4.3	29.5
Kalamunda Administration Office	23.6	45.8	26.1	13.8	109.3
Kalamunda Library	34.9	22.2	14.5	21.3	92.9
Walliston Transfer Station	111.9	~	108.8	~	220.7
Total	348.4	172.3	243.7	101.2	865.6
Shire of Mundaring					
Albert Facey Memorial Library (Mundaring)	~	60.3	14.2	33.3	107.8
Coppin Road Transfer Station	~	29.5	18.4	18.4	72.4
Katharine S Prichard Library (Greenmount)	~	35.6	53.3	13.8	96.6
Mathieson Road Transfer Station	24.4	~	54.1	~	78.5
Mundaring Administration Building	~	36.4	22.1	32.1	90.6
Wasteless Pantry	~	47.9	4.1	15.5	67.5
Total	24.4	209.7	166.2	113.1	513.4
Town of Bassendean					
Bassendean Admin Building	18.2	17.2	16.9	8.0	60.3
Bassendean Library	64.1	37.9	54.1	45.3	201.4
Total	82.3	55.1	71.0	53.3	261.7
Grand Total (kg)	842.6	1063.1	1006.8	624.7	3537.2



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Schools Battery Collection Program

School Battery Recycling Local Government Region and Schools	July 2017 (kg)	August 2017 (kg)	September 2017 (kg)	October 2017 (kg)	Year to Date Total 2017/2018
City of Bayswater					
Bayswater Primary School	~	5.0	~	~	5.0
Camboon Primary School	~	16.1	~	~	16.1
Durham Rd. Primary	~	17.7	~	~	17.7
Hampton Park Primary School	~	22.9	~	~	22.9
Hampton Senior High School	~	10.2	~	~	10.2
Morley Primary School	~	5.0	~	~	5.0
Noranda Primary School	~	43.4	~	~	43.4
St Peter's Primary School	~	6.0	~	~	6.0
Weld Square Primary School	~	52.5	~	~	52.5
Total	~	178.8	~	~	178.8
City of Belmont					
Belmont Primary School	~	6.9	~	~	6.9
Carlisle Primary	~	37.9	~	~	37.9
Cloverdale Primary School	~	0.0	~	~	0.0
Kewdale Primary School	~	4.7	~	~	4.7
Notre Dame Catholic Primary	~	8.0	~	~	8.0
Redcliffe Primary School	~	2.3	~	~	2.3
St. Maria Goretti's Primary School	~	7.8	~	~	7.8
Tranby Primary School	~	0.5	~	~	0.5
Total	~	68.1	~	~	68.1
City of Swan					
Anne Hamersley Primary	~	~	~	5.1	5.1
Arbor Grove Primary	~	~	~	93.9	93.9
Ballajura Primary School	~	~	~	~	0.0
Beechboro Christian School	~	~	144.3	1.3	145.6
Bullsbrook College (Primary Campus)	~	~	~	41.7	41.7
Clayton View Primary	~	3.0	~	~	3.0
East Beechboro Primary School	~	~	~	11.4	11.4
Ellen Stirling Primary School	~	~	~	59.4	59.4
Ellenbrook Christian College	~	~	~	4.4	4.4
Ellenbrook Independent Primary School	~	~	~	12.7	12.7
Good Shepherd School	N/A	N/A	~	~	0.0
Guildford Primary School	~	36.9	~	13.6	50.5
Illawarra Primary School	~	0.7	~	0.0	0.7
John Septimus Roe ACS - Beechboro	~	~	~	5.7	5.7
Kiara College	~	~	~	0.7	0.7
La Salle College	~	2.4	~	1.7	4.1
Lockridge PS	~	~	~	~	0
Malvern Springs Primary School	~	~	~	8.1	8.1
Middle Swan Primary School	~	3.0	~	3	6.0
Riverlands Montessori School	~	~	~	17.5	17.5
South Ballajura Primary School	~	~	~	2.5	2.5
St Brigid's Primary School	~	43.1	~	41.3	84.4



School Battery Recycling Local Government Region and Schools	July 2017 (kg)	August 2017 (kg)	September 2017 (kg)	October 2017 (kg)	Year to Date Total 2017/2018
St Helena's Catholic Primary School	~	~	~	6.8	6.8
Swan Valley Anglican Community School	~	~	~	0.0	0.0
Swan View Primary School	~	10.0	~	12.5	22.5
Upper Swan Primary School	~	~	~	29.9	29.9
West Beechboro Primary School	~	~	~	8.1	8.1
Woodbridge Primary School	~	21.8	~	3.5	25.3
Total	~	120.9	144.3	384.8	650
City of Kalamunda					
Carmel Adventist Primary School	5.2	~	~	~	5.2
Dawson Park Primary School	~	7.0	~	~	7.0
Edney Primary School	~	31.9	~	~	31.9
Falls Road Primary School	~	~	~	7.5	7.5
Gooseberry Hill Primary School	~	~	~	26.3	26.3
High Wycombe Primary School	~	106.5	~	125.6	232.1
Hillside Christian College	~	36.8	~	~	36.8
Kalamunda Christian Primary School	5.7	~	~	~	5.7
Kalamunda Primary School	~	~	~	79.4	79.4
Lesmurdie Primary School	~	~	~	90.2	90.2
Maida Vale Goodstart Early Learning Centre	~	0.8	~	~	0.8
Maida Vale Primary School	~	21.5	~	~	21.5
Mary's Mount Primary School	~	~	~	20.6	20.6
Matthew Gibney Catholic Primary School	~	3.2	~	~	3.2
Mazenod College	~	~	~	46.7	46.7
Pickering Brook Primary School	3.0	~	~	~	3.0
St Brigid's College	~	~	~	4.9	4.9
Wattle Grove Primary School	~	44.6	~	~	44.6
Woodlupine Primary School	~	1.2	~	~	1.2
Total	13.9	253.5	~	401.2	668.6
Shire of Mundaring					
Chidlow Primary School	~	~	179.4	~	179.4
Darlington Primary School	~	~	~	99.2	99.2
Glen Forrest Primary School	~	~	~	~	0.0
Greenmount Primary School	~	~	~	~	0.0
Helena College Junior School	~	~	3.3	~	3.3
Helena College Senior School	~	~	11.0	~	11.0
Helena Valley Primary School	~	~	~	~	0.0
Hills Out of School Care Association	~	~	0.0	~	0.0
Mount Helena Primary School	~	~	7.2	~	7.2
Mundaring Childcare Centre	~	~	~	~	0.0
Mundaring Christian College Primary Campus	~	~	20.8	~	20.8
Mundaring Christian College Secondary Campus (Parkerville)	~	~	~	~	0.0
Mundaring Primary School	~	~	~	~	0.0
Parkerville Primary School	~	~	~	~	0.0
Sacred Heart School (Mundaring)	~	~	~	~	0.0



School Battery Recycling Local Government Region and Schools	July 2017 (kg)	August 2017 (kg)	September 2017 (kg)	October 2017 (kg)	Year to Date Total 2017/2018
Sawyers Valley Primary School	~	~	16.6	~	16.6
Silver Tree Steiner	~	~	12.8	~	12.8
Treetops Montessori School	~	~	19.6	~	19.6
Wooroloo Primary School	~	~	5.7	~	5.7
Total	~	~	276.4	99.2	375.6
Town of Bassendean					
Anzac Terrace Primary School	8.6	~	~	4.8	13.4
Ashfield Primary School	2.4	~	~	0.0	2.4
Bassendean Primary School	1.5	~	~	7.1	8.6
Casa Mia Montessori School	0.0	~	~	7.6	7.6
Cyril Jackson Senior Campus	0.0	~	~	8.9	8.9
Eden Hill Primary School	3.4	~	~	13.8	17.2
St. Michael's Primary School	0.0	~	~	36.7	36.7
Total	15.9	~	~	78.9	94.8
Grand Total (kg)	29.8	621.3	420.7	964.1	2,035.9

Mr Lewis enquired what percentage of schools within the Region are part of the EMRC battery collection program. The Waste Education Officer said that the high schools are slowly increasing but it is a harder group as the teenagers don't find it "cool" to bring their used batteries to school.

The Waste Education Officer will check and advise the group.

Postscript:

An email was forwarded to the group on 21 November 2017 from the Waste Education Officer:

"Within our Region, we have 114 schools (primary and secondary) and currently have 90 of these in the program. This gives a percentage of 79%. All schools that are not currently in the program, will be sent a letter in Term 1 of 2018 inviting them to join."



11.4 RESOURCE RECOVERY PARK UPDATE

The Manager Resource Recovery updated the meeting on the progress of the Hazelmere Resource Recovery Park, including the Hazelmere Wood Waste to Energy Project, the Commercial and Industrial (C&I) Waste Plant and general site development.

Waste tonnages processed through the C&I plant have been steadily increasing. The Coordinator Sales and Market Development is actively pursuing potential customers to increase throughput. Discussions are also currently being held with several existing commercial customers in an endeavour to attract additional material to the facility.

A bulk verge waste sorting campaign has recently been completed with the Shire of Mundaring and the City of Perth. The Shire of Mundaring campaign ran for seven (7) weeks with a total of 1,323.42 tonnes of material delivered for processing, the City of Perth campaign ran concurrently and was for three (3) days with 80.52 tonnes presented. Over the period of the campaigns, a recovery rate in the vicinity of 35% was achieved resulting in 491 tonnes of material being diverted from landfill. Further investigations are progressing to source viable end markets for low grade plastics which will increase the diversion rate further.

The EMRC continues to work with Edge Employment Solutions providing two (2) staff with disabilities permanent employment three (3) days per week at the C&I facility.

The Wood Waste to Energy (WWTE) Plant construction is continuing with Practical Completion scheduled for 31 March 2018 followed by commissioning and handover. Construction of the WWTE access road to provide proper and safe access to the site and plant, and internal pavement has been undertaken. The installation of the high voltage (HV) interconnect cable between the WWTE Plant and Perth Airport Pty Ltd (PAPL) has been completed.

Design of the Stage 2 roadworks, drainage and new commercial entrance is currently under review prior to releasing a Request for Tender (RFT) for the Stage 2 works.

The land exchange of Lot 99(1) and Lot 99(2) with the Western Australian Planning Commission is now complete with the receipt of the Landgate Deposited Plan. The City of Swan has also completed the obligation for fencing along the Lloyd Street works. Lot 814 (formally Lot 99(2)) has been maintained to meet the fire abatement obligations.

Timber grinding operations are continuing through the HAAS grinder and the EMRC is endeavouring to meet growing demand for wood chip fines for the broiler grower industry.

The Hazelmere Progress Association (HPA) has requested a briefing on the development of the Hazelmere site, the proposed energy from waste facility at East Rockingham; and transport and truck movements through Hazelmere townsite via Bushmead Road and Lakes Road. A briefing will be organised with the HPA in February 2018.

Members discussed how stormwater could be managed at Hazelmere Resource Recovery Park and were advised there would be recharge into the surface aquifer.

Mr Fowler queried the amount of power to be sent to Perth Airport via the cable. They were advised that the majority of the 3MW power generation would be exported.



12 FUTURE MEETINGS OF THE WMCRG

The next meeting of the Waste Management Community Reference Group will be held on **Monday, 5 February 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	5	February (if required)	at	EMRC Administration Office
Monday	14	May (if required)	at	EMRC Administration Office
Monday	13	August (if required)	at	EMRC Administration Office
Monday	19	November (if required)	at	EMRC Administration Office

13 DECLARATION OF CLOSURE OF MEETING

The Acting Chairman thanked the group for all their efforts in 2017 and asked that the EMRC keep the group updated as information arises. He wished everyone all the best for the New Year and the Christmas break.

There being no further business, the Acting Chairman declared the meeting closed at 6.59pm.