



INFORMATION BULLETIN

Accompanying the
Ordinary Meeting of Council

6 December 2018

COUNCIL INFORMATION BULLETIN

6 December 2018

(REF: D2018/15619)

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1. REGIONAL SERVICES

1.1. REGIONAL SERVICES ACTIVITY REPORT JULY TO SEPTEMBER 2018

REFERENCE: D2018/15043 (CEOAC) – D2018/15703

PURPOSE OF REPORT

The purpose of this report is to provide a progress update on the activities undertaken by the Regional Services Directorate for the period 1 July 2018 to 30 September 2018.

KEY ISSUE(S)

Achievements highlighted for the period 1 July 2018 to 30 September 2018 include:

- All activities undertaken by the Environmental Services business unit for the ensuing period; and
- All activities undertaken by the Regional Development business unit for the ensuing period.

SOURCE OF REPORT

Director Regional Services

BACKGROUND

The Environmental Services and Regional Development business units partner with member Councils and key stakeholders to facilitate strategies, projects and activities and provide services (where appropriate) for the benefit and sustainability of Perth's Eastern Region.

Two advisory groups meet regularly to consider regional economic and integrated transport projects and initiatives and assist in guiding EMRC strategies. Representation from each participating member Council and the EMRC constitute each group's membership with an expanded membership of the Regional Integrated Transport Strategy Implementation Advisory Group including numerous key stakeholders with an interest in transport.

The two advisory groups currently operating are the:

- Economic Development Officers Group (EDOG); and
- Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG).

Regular progress reports are provided to advisory groups, committees and councils to ensure ongoing and effective communication.

REPORT

The progress report is provided below, firstly grouping the actions relevant to all Councils, followed by those actions applicable to individual member Councils or participating Councils on Regional Services activity for the period 1 July 2018 to 30 September 2018.

Key regional actions (relevant to all Councils)

- Consultants, GTA presented the final draft of the Congestion Action Management Plan for the Region. Member Councils were provided a copy of the draft for their review.
- Met with the Department of Premier and Cabinet on the current status of the pending City Deal for WA.



Item 1.1 continued

- Met with the Department of Transport's Freight and Ports team to update them on the City Deal proposal.
- Held a RITS IAG quarterly meeting with attendees from member Councils, Department of Planning, Westcycle, Department of Transport, WALGA and RAC.
- Hosted an 'Update on the Connect Perth's East, City Deal proposal' event with attendees from member Councils, Perth Airport Pty Ltd, City of Canning and Town of Victoria Park.
- Held a Perth Airport Precinct tour on 20 August 2018 for member Councils and stakeholders to inform and update them on completed and upcoming projects, the proposed new runway and under took a tour of the Woolworths Distribution Centre, a major strategic transport distribution facility.
- Hosted a Regional Youth Officers Group meeting with guest speaker Kirstie Davis from WALGA, who discussed the State Draft Youth Strategy.
- Organised the Reconciliation Action Plan (RAP) Working Party meetings in July and September with a view to progressing the RAP and considering cultural awareness training for the EMRC Councillors and staff.
- Provided ongoing input to the Department of Planning, Lands and Heritage Stakeholder Reference Group relating to the review of State Planning Policy 2.9 Water Resources and State Planning Policy 2.10 Swan-Canning River System, which includes flood risk, stormwater management, water quality and water conservation.
- Nominated the Swan River Ramble project under the Innovation category in the Your Move Awards 2018.
- Nominated the Regional Environment Strategy 2016-2020 under the Government category in the 2018 Banksia Sustainability Awards.
- Provided a brief summary of the Australian Local Government Climate Review 2018 prepared by Beyond Zero Emissions, ICLEI and Ironbark Sustainability.
- Undertook a desktop study of member Councils transport strategies, plans and initiatives.
- Represented the region on the Westport Taskforce Reference Group.
- Continued to represent the region on the Western Region Advisory Panel and the IRP2 Economic Evaluation Framework Project Steering Committee of the Cooperative Research Centre for Water Sensitive Cities.
- Attended a Local Government Workshop on the Review of the Strategic Assessment of Perth and Peel.
- Attended a Freight/Ports/Aviation session as part of the AITPM National Conference in Perth.
- Attended a Your Move Forum – 'Engaging Others', held by the Public Transport Authority of Western Australia.
- Attended the 'Switch Your Thinking: Biophillic Urbanism' seminar held at the City of Gosnells Civic Centre.
- Participated in a Local Government Professionals Association (LGPA) Webinar on 'Effective Community Consultation'.
- Attended a business event hosted by the Swan Chamber of Commerce with guest speakers, the Member for Swan Hills, Jessica Shaw MLC and Hon Alannah MacTiernan MLC, Minister for Regional Development; Agriculture and Food; Minister assisting the Minister for State Development, Jobs and Trade.



Item 1.1 continued

Town of Bassendean

- Council-specific risk, vulnerability and visualisation outputs and all main reports from Stages One, Two and Three of the 'Understanding and Managing Flood Risk' project were provided to participating councils in September 2018 for their information and use. The EMRC hosted a launch event for all stakeholders to announce the newly available flood risk mapping data which presented an overview of the project as well as a more detailed walk through of the technical outputs by Mr Simon Rodgers, Senior Floodplain Engineer, Department of Water and Environmental Regulation.
- Hosted an Economic Development Officers' Group (EDOG) meeting on 14 August 2018. Guest presenter at EDOG, Mr Rick Newnham from the Chamber of Commerce and Industry WA presented on the topic of 'WA's economy and we're we are heading'.
- Delivered one Bush Skills 4 Youth school workshop to Bassendean Primary School.
- Healthy Wildlife rescue boxes were delivered to 16 primary and secondary schools.
- Provided the Town with the 2018/2019 Sustainability Program Plan.
- Completed manual data collection, upload and account maintenance for the Planet Footprint platform for 2017/2018 including fleet, street lighting, new and closed accounts and measures. Investigated anomalies including leaks identified in 2017/2018.
- Collated information and evidence for the Town's Waterwise Council Reporting for re-endorsement as a Gold Waterwise Council. Provided information on funding available for Water Sensitive Cities Index Benchmarking workshop through the Waterwise Council program.
- Provided information to the Town on the Cities Power Partnership Round 3 application requirements and aided in compiling information for the Town's info-page for the partnership's website.
- Met with Lotterywest in September 2018 to discuss the EMRC's regional events funding program.
- Attended a Northam Avon Descent Board (NADA) meeting.
- Finalised the \$12,000 grant acquittal for the 2018 Perth's Autumn Festival with Lotterywest.
- Updated the EMRC's website perthseasternregion.com.au with information, workshops and events occurring in the region such as Bush Skills 4 Youth and Bush Skills for the Hills, the Greenpage Newsletter and events occurring in participating member Council areas.
- The Hello Spring campaign page has also been updated and includes 59 events, workshops and activities being held in Spring.

City of Bayswater

- Council-specific risk, vulnerability and visualisation outputs and all main reports from Stages One, Two and Three of the 'Understanding and Managing Flood Risk' project were provided to participating councils in September 2018 for their information and use. The EMRC hosted a launch event for all stakeholders to announce the newly available flood risk mapping data which presented an overview of the project as well as a more detailed walk through of the technical outputs by Mr Simon Rodgers, Senior Floodplain Engineer, Department of Water and Environmental Regulation.
- Delivered Bush Skills 4 Youth workshops on Waste Education and Plastic Waste in Waterways.
- Hosted an Economic Development Officers' Group (EDOG) meeting on 14 August 2018. Guest presenter at EDOG, Mr Rick Newnham from the Chamber of Commerce and Industry WA presented on the topic of 'WA's economy and we're we are heading'.
- Met with Lotterywest in September 2018 to discuss the EMRC's regional events funding program.
- Attended a Northam Avon Descent Board (NADA) meeting.
- Finalised the \$12,000 grant acquittal for the 2018 Perth's Autumn Festival with Lotterywest.



Item 1.1 continued

- Updated the EMRC's website perthseasternregion.com.au with information, workshops and events occurring in the region such as Bush Skills 4 Youth and Bush Skills for the Hills, the Greenpage Newsletter and events occurring in participating member Council areas.
- The Hello Spring campaign page has also been updated and includes 59 events, workshops and activities being held in Spring.

City of Belmont

- Council-specific risk, vulnerability and visualisation outputs and all main reports from Stages One, Two and Three of the 'Understanding and Managing Flood Risk' project were provided to participating councils in September 2018 for their information and use. The EMRC hosted a launch event for all stakeholders to announce the newly available flood risk mapping data which presented an overview of the project as well as a more detailed walk through of the technical outputs by Mr Simon Rodgers, Senior Floodplain Engineer, Department of Water and Environmental Regulation.
- Delivered three Bush Skills 4 Youth workshops: Trees and plants; Soils; and Noongar Seasons with Belmont Library. BS4Y also attended the Principals Forum.
- Submitted literature review of benchmarking building efficiency processes to meet the City's priorities.
- Provided summary on the Australia Institute's State of the Climate 2018 report.
- Completed manual data collection, upload and account maintenance for the Planet Footprint platform for 2017/2018 including fleet, street lighting, and new and closed accounts.
- Provided information on funding available for Water Sensitive Cities Index Benchmarking workshops through the Waterwise Council program.
- Review of the City's Local Climate Change and Adaptation Action Plan is underway.
- Hosted an Economic Development Officers' Group (EDOG) meeting on 14 August 2018. Guest presenter at EDOG, Mr Rick Newnham from the Chamber of Commerce and Industry WA presented on the topic of 'WA's economy and we're we are heading'.
- Met with Lotterywest in September 2018 to discuss the EMRC's regional events funding program.
- Attended a Northam Avon Descent Board (NADA) meeting.
- Finalised the \$12,000 grant acquittal for the 2018 Perth's Autumn Festival with Lotterywest.
- Updated the EMRC's website perthseasternregion.com.au with information, workshops and events occurring in the region such as Bush Skills 4 Youth and Bush Skills for the Hills, the Greenpage Newsletter and events occurring in participating member Council areas.
- Updated the Hello Spring campaign to include 59 events, workshops and activities being held throughout Spring.

City of Kalamunda

- Hosted an Economic Development Officers' Group (EDOG) meeting on 14 August 2018. Guest presenter at EDOG, Mr Rick Newnham from the Chamber of Commerce and Industry in WA presented on the topic of 'WA's economy and we're we are heading'.
- Delivered three Bush Skills for the Hills workshops in the region: Fun with Fungi; Feral Animal Control; and Air Bee 'N' Bee.
- Progressed with the "Farm dams as refuges for freshwater plants and animals a drying climate" project, funded by Lotterywest. This included hosting two Citizen Science workshops and meeting individually with other participants to train them in data collection. Citizen scientists commenced waterbird and frog surveys.
- Compiled and distributed the Greenpage Newsletter for August – September 2018.



Item 1.1 continued

- Provided an Environmental Project Officer to attend the City of Kalamunda's office one day per week to address local landholder enquiries and assist with projects.
- Prepared and submitted a regional grant application for funding under the State NRM Program's Community Stewardship grants.
- Represented the ERCMP on the Swan Alcoa Landcare Program assessment panel and at the Dieback Information Group Conference; State NRM Conference; Sub-Regional Chairs and Coordinators Meeting with Department of Biodiversity, Conservation and Attractions.
- Attended meetings with Youth officers to plan future Bush Skills 4 Youth workshops in Kalamunda.

Shire of Mundaring

- Hosted an Economic Development Officers' Group (EDOG) meeting on 14 August 2018. Guest presenter at EDOG, Mr Rick Newnham from the Chamber of Commerce and Industry WA presented on the topic of 'WA's economy and where we are heading'.
- Delivered nine Bush Skills 4 Youth workshops: Bugle Tree Gully Adventure, Helena River Community Day, two Biodiversity and Revegetation, two Venturers Project in the Superblock, Bushmead Community Tree Planting Event and two Holiday Noongar Seasons workshops.
- Delivered three Bush Skills for the Hills workshops in the region: Fun with Fungi; Feral Animal Control; and Air Bee 'N' Bee.
- Progressed with the "Farm dams as refuges for freshwater plants and animals in a drying climate" project, funded by Lotterywest. This included hosting two Citizen Science workshops and meeting individually with other participants to train them in data collection. Citizen scientists commenced waterbird and frog surveys.
- Compiled and distributed the Greenpage Newsletter for August – September 2018.
- Provided summary on the Australia Institute's State of the Climate 2018 report.
- Supported Shire officer to progress the final draft of the Energy and Emissions Reduction Strategy towards endorsement by Council. Strategy was endorsed without change at the Shire's September Council meeting.
- Facilitated a Water Team Meeting. Priorities for the next financial year were identified using the recommendations outlined in the Shire's Water Sensitive Cities Index Benchmarking report.
- Collated information and evidence for the Shire's Waterwise Council Reporting for re-endorsement as a Gold Waterwise Council. Continued to provide Waterwise Council updates and information.
- Completed manual data collection, upload and account maintenance for the Planet Footprint platform for 2017/2018 including fleet, street lighting, new and closed accounts and measures.
- Provided an Environmental Project Officer to attend the Shire's office one day per week to address local landholder enquiries, conduct site assessments, apply for and manage grants, and assist with projects.
- Finalised the acquittal for the 20 Million Trees grant.
- Prepared and submitted a regional grant application for funding under the State NRM Program's Community Stewardship grants.
- Represented the ERCMP on the Swan Alcoa Landcare Program assessment panel and at the Dieback Information Group Conference; State NRM Conference; Sub-Regional Chairs and Coordinators Meeting with Department of Biodiversity, Conservation and Attractions.
- Assisted with the preparation and running of the Landcare Groups Book Launch and Morning Tea, which included promoting and distributing the new Native Grasses of the Perth Hills Identification Guide written by local volunteer and Research Associate, Una Bell.
- Assisted with the Katharine Street River Gang Community Engagement Day on 8 September 2018.



Item 1.1 continued

- Continued to implement the State NRM grant to manage blackberry on sensitive watercourses on private properties and reserves of the Jane Brook catchment.
- Continued to support the Friends of Lion Mill group to implement the Swan Alcoa Landcare Program grant at Lion Mill Reserve. The project includes extensive weed management, revegetation and a Community Engagement Day.
- Hosted constitutional requirements and succession planning meeting with Helena River Catchment Group.

City of Swan

- Council-specific risk, vulnerability and visualisation outputs and all main reports from Stages One, Two and Three of the 'Understanding and Managing Flood Risk' project were provided to participating councils in September 2018 for their information and use. The EMRC hosted a launch event for all stakeholders to announce the newly available flood risk mapping data which presented an overview of the project as well as a more detailed walk through of the technical outputs by Mr Simon Rodgers, Senior Floodplain Engineer, Department of Water and Environmental Regulation.
- Delivered three Bush Skills for the Hills workshops in the region: Fun with Fungi; Feral Animal Control; and Air Bee 'N' Bee.
- Delivered two Bush Skills 4 Youth workshops on Animals at the Midland and Guildford Libraries and a third workshop on Bush Food at the Maalinup Gallery.
- Bush Skills 4 Youth officers participated in Youth Out Loud.
- Compiled and distributed the Greenpage Newsletter for August – September 2018.
- Completed and submitted the City of Swan Waterwise Council Annual Report 2018/2019 including information for Gold re-endorsement.
- Progressed with the "Farm dams as refuges for freshwater plants and animals a drying climate" project, funded by Lotterywest. This included hosting two Citizen Science workshops and meeting individually with other participants to train them in data collection. Citizen scientists commenced waterbird and frog surveys.
- Provided an Environmental Project Officer to attend the City of Swan's office one day per week to address local landholder enquiries and assist with projects.
- Finalised the acquittal for the 20 Million Trees grant.
- Prepared and submitted a regional grant application for funding under the State NRM Program's Community Stewardship grants.
- Represented the ERCMP on the Swan Alcoa Landcare Program assessment panel and at the Dieback Information Group Conference; State NRM Conference; Sub-Regional Chairs and Coordinators Meeting with Department of Biodiversity, Conservation and Attractions.
- Hosted constitutional requirements and succession planning meeting with Lower Helena Association.
- Commenced planning and preparation for the Community Tree Rescue Day in Guildford including stakeholder engagement, site assessment and event promotion.



Item 1.1 continued

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water and land quality and regional biodiversity conservation and address climate change

Key Result Area 2 – Economic Development

- 2.1 To facilitate and advocate for increased investment in regional infrastructure
- 2.2 To facilitate and advocate for regional economic development activities
- 2.3 To facilitate regional cultural and recreational activities

Key Result Area 3 – Good Governance

- 3.1 To provide advice and advocacy on issues affecting Perth's Eastern Region
- 3.2 To manage partnerships and relationships with stakeholders

FINANCIAL IMPLICATIONS

The funding to facilitate projects is developed and agreed with member Councils as part of the annual budget process.

SUSTAINABILITY IMPLICATIONS

The Regional Services Directorate operates to pursue environmental, economic and social growth outcomes for Perth's Eastern Region.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	} Ongoing participating member Council officer time on the two advisory groups: EDOG and RITS IAG.
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Nil



2 WASTE SERVICES

2.1 COUNCIL TONNAGE COMPARISONS AS AT 31 OCTOBER 2018

REFERENCE: D2018/14852 (TAC) – D2018/15697

PURPOSE OF REPORT

The purpose of this report is to provide Council with year to date tonnages and quantities at the Red Hill Waste Management Facility and the Hazelmere Resource Recovery Park for the reporting period of 1 July 2018 to 31 October 2018.

REPORT

Attachment 1 of this report indicates that member Council tonnages totaling 47,241.84 tonnes were received at the Red Hill Waste Management Facility during the reporting period, compared to 43,737.40 tonnes received during the same period in 2017/2018.

Attachment 2 outlines “other” waste that was received at the Red Hill Waste Management Facility being 31,555.25 tonnes. The combined tonnages for the reporting period totalled 78,797.09 tonnes. The 2017/2018 tonnages of 13,227.66 and 56,965.06 respectively for the same period are also provided for comparison purposes showing a significant increase in “Other Commercials” as a result of new waste contracts.

Attachment 3 outlines the tonnages of various materials that have been exported from the Red Hill Waste Management Facility during the reporting period, compared to the same period in 2017/2018.

Attachment 4 outlines the tonnages and quantities of waste timber, wood chip/fines and mattresses, received and sold, at the Hazelmere Resource Recovery Park for the reporting period above.

- Incoming Waste Timber totalled 4,330.68 tonnes compared to 4,013.03 tonnes for the same period in 2017/2018.
- The sale of fines and woodchip totalled 4,666.95 tonnes, compared to 5,137.00 tonnes for the same period in 2017/2018.
- Incoming Commercial and Industrial (C&I) Waste totalled 275.94 tonnes, compared to 1,811.08 tonnes for the same period in 2017/2018.
- Mattresses incoming totalled 4,755.94 units compared to 4,127.00 units for the same period in 2017/2018.

ATTACHMENT(S)

1. Council Tonnages - 1 July 2018 to 31 October 2018 (Ref: D2018/15696)
2. Other Tonnages - 1 July 2018 to 31 October 2018 (Ref: D2018/15694)
3. Tonnages Exported from Red Hill - 1 July 2018 to 31 October 2018 (Ref: D2018/15695)
4. Hazelmere Resource Recovery Park – Incoming Materials and Product Sales - 1 July 2018 to 31 October 2018 (Ref: D2018/15696)

EASTERN METROPOLITAN REGIONAL COUNCIL
2018/2019 YTD COUNCIL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY

Week Ending	Waste		Bayswater Greenwaste MGB		Belmont		Bassendean		Swan		Kalamunda		Mundaring		Total
	Waste	Uncont G/W	Waste	Uncont G/W	Waste	Uncont G/W	Waste	Uncont G/W	Waste	Uncont G/W	Waste	Uncont G/W	Waste	Uncont G/W	
10-Jul-18	490.35	0.00	130.67	0.00	306.85	0.00	146.15	0.00	1,175.94	8.70	646.28	72.99	296.73	0.00	3,274.66
17-Jul-18	450.77	0.00	74.80	0.00	242.85	0.00	88.00	0.00	868.96	6.90	465.33	39.00	223.22	0.00	2,459.83
24-Jul-18	439.34	0.00	97.97	0.00	230.53	0.00	121.91	1.35	857.81	10.50	439.11	40.65	207.42	0.00	2,446.59
31-Jul-18	559.79	0.00	75.53	0.00	237.21	0.00	106.20	0.00	888.25	15.30	433.11	50.96	246.27	0.00	2,612.62
07-Aug-18	426.87	0.00	117.85	0.00	229.30	0.00	108.80	0.00	915.06	6.90	438.01	35.05	223.39	0.00	2,501.23
14-Aug-18	331.41	0.00	86.98	0.00	262.09	0.00	105.05	0.00	933.05	11.10	437.12	33.80	247.64	0.00	2,448.24
21-Aug-18	336.03	0.00	153.35	0.00	264.60	0.00	120.90	2.50	963.17	9.00	454.06	34.70	236.38	0.00	2,574.69
31-Aug-18	498.18	0.00	210.15	0.00	406.22	0.00	186.91	0.00	1,500.57	12.00	668.45	58.53	544.80	175.42	4,261.23
11-Sep-18	473.43	0.00	180.43	0.00	366.60	0.00	164.69	0.00	1,359.63	15.30	658.57	65.97	434.41	211.98	3,931.01
18-Sep-18	444.48	0.00	162.75	0.00	263.48	0.00	124.25	0.00	970.29	12.00	457.42	45.46	403.68	86.44	2,970.25
25-Sep-18	425.34	0.00	120.40	0.00	261.83	0.00	114.55	0.00	971.74	9.00	433.75	32.35	333.14	89.82	2,791.92
30-Sep-18	245.29	0.00	112.15	0.00	170.29	0.00	79.45	0.00	564.48	6.60	262.40	29.74	239.78	49.50	1,759.68
09-Oct-18	680.24	0.00	162.05	0.00	355.11	0.00	171.40	2.40	1,400.42	18.30	704.88	65.39	493.98	97.01	4,151.18
16-Oct-18	460.64	0.00	152.38	0.00	261.18	0.00	111.32	0.00	982.83	15.60	462.57	51.60	341.33	0.00	2,839.45
23-Oct-18	761.64	0.00	104.55	0.00	256.59	0.00	117.83	0.00	953.88	16.50	457.30	37.06	214.04	0.00	2,919.39
31-Oct-18	630.89	0.00	165.50	0.00	307.88	0.00	150.05	1.20	1,152.15	23.10	565.19	56.68	247.23	0.00	3,299.87
Year to Date	7,654.69	0.00	2,107.51	0.00	4,422.61	0.00	2,017.46	7.45	16,458.23	196.80	7,983.55	749.93	4,933.44	710.17	47,241.84
31-Oct-18			9,762.20		4,422.61		2,024.91		16,655.03		8,733.48		5,643.61		47,241.84
Year to date	6,758.62	0.00	1,872.70	0.00	4,470.04	21.94	1,953.20	17.42	15,261.90	154.20	7,893.44	599.82	4,016.38	717.74	43,737.40
as at 31-Oct-17			8,631.32		4,491.98		1,970.62		15,416.10		8,493.26		4,734.12		43,737.40

EASTERN METROPOLITAN REGIONAL COUNCIL

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2018/2019 YTD OTHER TONNAGES DISPOSED AT RED HILL WASTE MANAGEMENT FACILITY

Week Ending	Transfer Station	Class III Contaminated	Class IV Contaminated	Uncontaminated Greenwaste Transfer St	Uncontaminated Greenwaste Commercial	Other Commercials	Asbestos (Wrapped)	Hazelmere Wood, C & I Mattress	Total Other	Total Tonnages (Council & Other)
10-Jul-18	130.55	582.40	0.00	18.00	8.65	1,438.05	79.20	97.07	2,353.92	5,628.58
17-Jul-18	91.40	38.55	0.00	10.20	9.75	1,107.67	54.85	30.65	1,343.07	3,802.90
24-Jul-18	86.70	198.25	0.00	12.40	11.85	1,113.07	53.40	31.10	1,506.77	3,953.36
31-Jul-18	103.70	15.85	0.00	11.75	10.20	1,053.50	34.55	62.32	1,291.87	3,904.49
07-Aug-18	70.65	12.80	0.00	11.45	11.80	1,793.00	44.35	38.60	1,982.65	4,483.88
14-Aug-18	91.85	11.15	0.00	12.05	16.90	1,637.78	42.80	33.60	1,846.13	4,294.37
21-Aug-18	77.90	9.25	0.00	19.25	9.30	1,615.74	42.95	25.24	1,799.63	4,374.32
31-Aug-18	146.10	146.00	0.00	19.70	22.25	2,681.62	63.70	115.51	3,194.88	7,456.11
11-Sep-18	147.15	22.95	0.00	24.65	19.90	2,308.58	50.80	128.66	2,702.69	6,633.70
18-Sep-18	95.60	81.80	0.00	16.00	20.20	1,583.37	56.40	164.46	2,017.83	4,988.08
25-Sep-18	90.75	17.90	0.00	12.80	23.75	1,504.54	37.10	65.42	1,752.26	4,544.18
30-Sep-18	64.20	0.00	0.00	7.20	6.15	959.62	23.05	81.21	1,141.43	2,901.11
09-Oct-18	135.35	0.00	0.00	22.90	16.35	2,126.61	60.80	87.27	2,449.28	6,600.46
16-Oct-18	103.90	0.00	0.00	12.90	10.35	1,731.14	48.35	43.96	1,950.60	4,790.05
23-Oct-18	100.38	0.00	0.00	18.00	13.55	1,657.02	52.10	83.71	1,924.76	4,844.15
31-Oct-18	123.75	42.15	0.00	17.20	22.30	2,009.12	52.40	30.56	2,297.48	5,597.35
Year to date 31-Oct-18	1,659.93	1,179.05	0.00	246.45	233.25	26,320.43	796.80	1,119.34	31,555.25	78,797.09
Year to date as at 31-Oct-17	1,896.10	425.60	0.00	251.90	287.90	7,494.98	1,008.16	1,863.02	13,227.66	56,965.06

EASTERN METROPOLITAN REGIONAL COUNCIL									
2018/2019 YTD TONNAGES EXPORTED FROM RED HILL WASTE MANAGEMENT FACILITY									
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Week Ending	Clay	Ferricrete	Filter / Laterite Rock	Recycled Material from Transfer Stn	Mulch	Soil Improver	Total		
10-Jul-18	0.00	1,872.35	33.15	9.58	2.80	65.25	1,983.13		
17-Jul-18	0.00	295.80	13.85	19.15	7.70	18.65	355.15		
24-Jul-18	0.00	228.50	0.00	2.35	7.85	36.15	274.85		
31-Jul-18	0.00	175.55	34.15	6.68	3.25	5.15	224.78		
07-Aug-18	0.00	12.50	0.00	5.58	9.75	9.05	36.88		
14-Aug-18	0.00	24.45	0.00	12.25	8.20	31.35	76.25		
21-Aug-18	0.00	458.00	0.00	3.75	11.55	46.35	519.65		
31-Aug-18	0.00	209.45	44.85	8.46	12.20	18.85	293.81		
11-Sep-18	0.00	322.60	0.00	3.90	21.28	50.96	398.74		
18-Sep-18	0.00	174.20	0.00	12.81	12.95	14.25	214.21		
25-Sep-18	0.00	142.10	0.00	9.08	208.45	35.55	395.18		
30-Sep-18	0.00	75.85	0.00	5.60	323.90	24.00	429.35		
09-Oct-18	0.00	371.15	4.50	4.03	756.90	38.35	1,174.93		
16-Oct-18	0.00	105.50	4.00	15.10	457.80	35.45	617.85		
23-Oct-18	0.00	147.50	0.00	8.10	381.85	26.55	564.00		
31-Oct-18	0.00	146.45	0.00	9.48	636.70	19.35	811.98		
Year to date 31-Oct-18	0.00	4,761.95	134.50	135.90	2,863.13	475.26	8,370.74		
Year to date as at 31-Oct-17	10.78	4,615.12	165.94	209.46	1,222.30	444.54	6,668.14		

EASTERN METROPOLITAN REGIONAL COUNCIL 2018/2019 YTD - COUNCIL TONNAGES Hazelmere Resource Recovery Park - Incoming Materials & Product Sales						
Month	Timber Recycling			C & I	Mattress Processing	
	Incoming Waste Timber Tonne	Sale of Fines 58888/05 Tonne	Sale of Woodchip 58888/01 Tonne			Incoming C & I Material Tonne
Jul-2018	1,141.26	1,365.78	10.64	78.84	1,236.84	
Aug-2018	1,094.73	1,396.89	18.09	77.08	1,049.08	
Sep-2018	834.28	754.44	28.19	86.76	1,221.76	
Oct-2018	1,260.41	1,053.78	39.15	33.26	1,248.26	
Year to Date	4,330.68	4,570.89	96.06	275.94	4,755.94	
YTD Comparison previous year (October)	4,013.03	5,041.11	95.89	1,811.08	4,127.00	
Previous Yr total 2017/2018	12,333.87	15,358.67	290.27	2,566.14	12,806.00	



3 RESOURCE RECOVERY

3.1 WASTE EDUCATION PROGRESS REPORT

REFERENCE: D2018/14844 (RRC) – D2018/15691

PURPOSE OF REPORT

The following report provides an annual update of the EMRC waste education program.

KEY ISSUES AND RECOMMENDATION(S)

Updates on the following Waste Education Programs are included:

- Regional Waste Education Strategy development and implementation;
- The Regional Waste Education Steering Group;
- Waste and Recycle Guide 2018/2019 development and distribution;
- The EMRC Battery Collection program;
- The EMRC Compact Fluorescent Light Collection program;
- Tours of the Red Hill Waste Management Facility and Education Centre activities;
- Community activities; and
- Waste Education in Western Australia.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

The Regional Waste Education Steering Group (RWESG)

The RWESG was established to provide a collaborative approach to waste education. The membership consists of officers appointed by member Councils as well as representation from waste related industry in the region. The RWESG meets six (6) weekly to progress the Strategy and current membership comprises:

Member Council Representatives

Manager, Health & Community Safety (Chairperson)	City of Belmont
Administration Officer Asset Services	Town of Bassendean
Waste Education Officer	City of Kalamunda
Resource Recovery Supervisor	City of Kalamunda
Business Support Officer Waste Recycling Management	City of Swan
Waste Education Officer Waste Recycling Management	City of Swan
Coordinator Waste and Fleet	Shire of Mundaring
Coordinator Waste & Environmental Management	City of Bayswater

EMRC Officers

Director Waste services	EMRC
Manager Resource Recovery	EMRC
Waste Education Officer	EMRC
Waste Education Officer	EMRC
Coordinator Sales and Product Development	EMRC

Business Representatives – Invite only

Transpacific; Cleanaway;
Suez



Item 3.1 continued

The RWESG was formally endorsed by member Councils and the EMRC in 2004 to guide the development and delivery of a waste education program on a regional basis.

During April and May 2005, each member Council adopted in principle support for:

- “1. A REGIONAL STRUCTURE FOR WASTE EDUCATION IN THE EMRC REGION WITH THE EMRC AS COORDINATOR AND THE MEMBER COUNCILS, THROUGH THE MEMBER COUNCIL STEERING GROUP, PROVIDING DIRECTION AND INPUT; AND*
- 2. THE DEVELOPMENT OF A 3-YEAR, COSTED, REGIONAL WASTE EDUCATION STRATEGY TO BE REVIEWED BY THE MEMBER COUNCILS STEERING GROUP, TECHNICAL ADVISORY COMMITTEE (TAC), EMRC AND MEMBER COUNCILS.”*

Regional Waste Education Strategy

The Regional Waste Education Strategy 2013-2015 (the Strategy) was developed by the RWESG, facilitated by the EMRC and endorsed at the 6 December 2012 Council meeting (Ref: DMCDOC/17212). It was resolved:

“That Council endorses the revised Regional Waste Education Strategy 2013-2015.”

REPORT

The Strategy includes a range of waste education initiatives that had commenced under previous versions of the Strategy and have been maintained. Further initiatives are being developed in consultation with the RWESG. Specific initiatives from the Strategy are discussed in more detail below.

The EMRC Waste Education team has been working with the RWESG and utilising feedback provided by the Waste Management Community Reference Group (WMCRG), as part of our consultation on the Draft EMRC Regional Waste Communication and Support Strategy 2018-2022, to update the draft Regional Waste Education Strategy. Currently in draft form it will be updated to align with the WA Waste Strategy 2030 and the EMRC Regional Waste Communication and Support Strategy 2018-2022. Once these two draft strategies are nearing completion a dedicated meeting will be held to review the Regional Waste Education Strategy 2013-2015 and Action Plans and adjust where needed. Future reviews can then be aligned with future reviews of the WA Waste Strategy.

Priority Actions of the Regional Waste Education Strategy 2013-2015

1. Waste and Recycling Guides

The Strategy identifies the importance of maintaining and improving the Waste and Recycling Guide. It has been suggested that consideration be given to the use of more streamlined approaches such as internet applications as a greater proportion of the population have computer access, however member Councils have indicated they are reluctant to discontinue the hard copy guide version. Discussions are underway regarding an online platform to complement the hard copy version of the guide.

The 2018/2019 Guide was printed in stages between May and June 2018 for all of the member Councils and made available for member Council distribution. A total of 185,300 printed guides were ordered. Guide production ran behind schedule this year, with a number of Councils having to wait on Council decisions therefore putting their guides on hold until the information needed was available.



Item 3.1 continued

2. EMRC Battery Collection Program

The Dry Cell Battery Collection Program, established in 2003 has grown significantly over the past few years and there are now 40 public places and 95 schools across the EMRC region providing sites for battery drop off. The 2017/2018 financial year saw EMRC collect 16.39 tonnes of household batteries.

School data was finalised for the 2017/2018 financial year for the Schools Battery Collection Program's annual competition; with Chidlow Primary School (219.4 kg) winning the small school category, Darlington Primary School (337.3 kg) winning the medium school category and High Wycombe Primary School (588.6 kg) winning the large school category. The most improved school winner was Greenmount Primary School.

Regular reviews of the program are undertaken to identify and implement potential improvements. Changes to the program include:

- Due to the rostering and the number of schools in the program, batteries from schools in each Council region are not collected each month, however they are scheduled for collection a minimum of once per semester, with higher performing schools scheduled once per term. Additional collections are available on request if needed;
- Commencing in 2019, the Schools Battery Collection Competition will change to align with the calendar year instead of the financial year. This has been implemented to increase the ease of administrating the program, decreasing quantities of batteries left in schools over the summer holidays, and potentially reduce costs. Thirty-six schools in the region not yet registered for the program were contacted via mail inviting them to join. Prizes awarded at the end of the shorter six-month competition (July – December 2018) will include a 'most-improved' recipient in each school category plus a prize category exclusively for recently joined schools;
- In regards to battery collection in public places, the collection roster is based on proximity of sites and ensures all public places are visited once per month. Examples include libraries and administration buildings;
- School collection statistics were analysed to determine those with low yields and those schools were sent a letter offering a number of ways we could assist to revitalise their program. As a result the Waste Education team have supplied additional battery containers, posters and Mobile Muster collection boxes to nine (9) schools in the region;
- Streamlining operations at the Red Hill Waste Management Facility to ensure the batteries and CFL's are handled, sorted, stored and prepared for transportation appropriately;
- Clarifications from WALGA and Toxfree on a number of household hazardous waste issues, which have been responded to and distributed to all regional councils;
- Adapting one recycling station to fit 6 volt batteries, so that our current stations could be multi-purposed to accept batteries, CFL's and mobile phones. This unit is being trialled at Hawaiian's Forrestfield (shopping centre), in response to a request from the shop owner who manages this location;
- The City of Bayswater commissioned and delivered new recycling stations to four (4) new locations in July 2018;
- Regular communication with key stakeholders including member Council representatives, public place and school coordinators, industry and government;
- Detailed data collection and dissemination to all relevant stakeholders; and
- Occupational safety and health improvements for staff.

RWESG members are actively supporting recruitment into the program of local shopping centres and primary schools and interested secondary schools.



Item 3.1 continued

Since commencement of the EMRC Battery Program in 2003, over 151 tonnes of batteries have been collected, with 149 tonnes recycled. With improved data collection systems, forward estimates predict collection of approximately 17 tonnes for the coming financial year.

The program has recorded:

Battery Collection Program	Schools (kg)	Number of sites	Public Places (kg)	Number of sites
2016/2017	5,779.5	89	9,778.3	34
2017/2018	6,040.8	95	10,352.8	37
Year to Date (Oct) 2018/19	1,976.1	100	3,679.5	40

3. EMRC Compact Fluorescent Light Collection program

The collection of Compact Fluorescent Lights (CFLs) at secure public sites continues and is linked to the EMRC Battery Collection program. The 2017/2018 financial year saw EMRC collect 1.49 tonnes of CFL's from within our region which was diverted from landfill.

The program has recorded:

Compact Fluorescent Light Collection program	Number of sites	Public Place kg
2016/2017	22	1,486.5
2017/2018	25	1,487.2
Year to Date (Oct) 2018/19	28	445.0

4. Tours of the Red Hill Waste Management Facility and Education Centre Activities

Tours of the Red Hill Waste Management Facility continue to be popular with schools and other educational institutions in the region. The majority of school groups also participate in the activities at the Education Centre. Tours have also been provided to Council staff and community groups where there has been the availability of transport. Community bus tours have been scheduled for each member Council to enable individual community members to attend a tour.

	Number of Tours	Number of Participants
2016/2017	53	2,090
2017/2018	40	1,695
Year to Date (Oct) 2018/19	16	747

Interest in visiting the site by community and school groups varies. Feedback has indicated that issues associated with attending tours include timing of the tours, getting to Red Hill and having access to affordable bus transport to and throughout the site.



Item 3.1 continued

5. Community activities

The Earth Carers Volunteer Education team has participated in a range of community based waste activities and displays, such as the Royal Show, Blue Sky Festival and Perth Garden Festival. Our Earth Carers are a considerable resource, an example of which is that 13 volunteers assisted with the Royal Show display in 2018 allowing the Waste Education Officers to be rotated from the regional councils. Two Earth Carer training courses are held each year consisting of three weeknight sessions and two Saturday tours, with participants having to attend all sessions to graduate as an Earth Carer.

The Waste Education team has participated in a range of community based waste activities, supporting member Councils, including community and school events, workshops and presentations. In addition a range of activities are developed and promoted for community members during National Recycling Week.

Waste Education has developed a selection of resources ready for use. Hire of the Red Hill Waste Education Centre is free of charge for member Councils, schools and community groups in the Town of Bassendean, Cities of Bayswater, Belmont, Kalamunda and Swan and the Shire of Mundaring. Resources also available for use/loan hire include loan boxes, trailer with bin caps and flags for events and two sets of Litter Letters. Schools and community groups can hire the activity loan boxes for up to three weeks.

Waste Education in Western Australia

1. Regional Council Communication and Collaboration

Waste educators from the Metropolitan Regional Councils, Waste Authority, WALGA, Department of Water and Environmental Regulation (DWER) and various waste education groups participate in monthly meetings at DWER offices of the Waste Educators Networking Group. Waste Education Officers from the EMRC attend these meetings and share information with the RWESG.

2. Waste Authority

The EMRC's Waste Education team maintains regular contact with the Office of the Waste Authority and participates in activities of relevance to communication and engagement with communities. During 2017/2018, Waste Education officers participated in workshops to develop the WA Plastic Bag Ban and the Draft WA Waste Strategy.

3. WALGA

The Waste and Recycling Branch at WALGA coordinates and facilitates many activities in waste education and waste reduction on behalf of the Waste Authority. Waste Education staff at the EMRC liaise regularly with WALGA on behalf of member Councils and participated in numerous workshops such as; Consistent Communications, Plastic Reduction and Multi Residential Dwellings. In addition, the Waste Education team is a member of the Reduce Illegal Dumping Working Group.

4. Other

Waste Education staff also network with a number of different groups and organisation. These include; Australian Association of Environmental Education, the Red Hill Community Liaison meetings, Sustainable Schools, Keep Australia Beautiful WA, Waste Wise Schools and a number of community groups.