



INFORMATION BULLETIN

Accompanying the
Ordinary Meeting of Council

18 October 2018

COUNCIL INFORMATION BULLETIN

18 October 2018

(REF: D2018/13411)

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1 CORPORATE SERVICES

1.1 CEO EXERCISE OF DELEGATED POWERS AND DUTIES

REFERENCE: D2018/12505

PURPOSE OF REPORT

The purpose of this report is to present to Council a list of delegations exercised by the CEO in accordance with Council's resolution of 24 March 2016.

KEY ISSUE(S)

- Council reaffirmed delegations to the CEO and Committees at its meeting of 24 March 2016 and requested a periodic report listing the items approved since the last Ordinary Council meeting.
- The delegations exercised since last reported to Council are detailed within this report.

SOURCE OF REPORT

Chief Executive Officer

BACKGROUND

At the Council meeting held on 24 March 2016 Council conducted its annual review of powers and/or discharge of its duties as delegated to the CEO and Committees, in accordance within s.5.46 of the *Local Government Act 1995*. (Ref: D2016/03708)

As part of that review Council resolved inter alia:

"THAT COUNCIL RECEIVES A REPORT DETAILING THE LIST OF ITEMS APPROVED UNDER DELEGATED AUTHORITY AS THEY ARISE AT THE NEXT ORDINARY MEETING OF COUNCIL."



Item 1.1 continued

REPORT

The following delegated powers or discharge of duties were exercised by the CEO.

Delegation Number	Date of Original Delegation	Description of Delegation	Details of Delegated Powers and Discharge of Duties
C4/2015	20/08/2015	That Council, by absolute majority, in accordance with section 5.42(1) of the <i>Local Government Act 1995</i> , delegate authority, to the CEO, to invite tenders on its behalf.	Advertisement of RFT 2018-003 Request for Hazelmere Resource Recovery Park Weighbridge Upgrade was advertised in the West Australian on Wednesday 1 August 2018
C4/2015	20/08/2015	That Council, by absolute majority, in accordance with section 5.42(1) of the <i>Local Government Act 1995</i> , delegate authority, to the CEO, to invite tenders on its behalf.	Advertisement of RFT 2018-010 Operate and Maintain Wood Waste to Energy Power Plant advertised in the West Australian on Saturday 15 September 2018
C5/2016	24/03/2016	By absolute majority in accordance with section 5.42 of the <i>Local Government Act 1995</i> , delegates authority to the Chief Executive Officer to exercise the option to extend any contract awarded under a tender with further extension periods following the initial contract period, subject to satisfactory performance.	Tender 2015-003 for the excavation, crushing and stockpiling of Lateritic Caprock six month contract extension exercised 31 August 2018.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 3 - Good Governance

- 3.3 To provide responsible and accountable governance and management of the EMRC

FINANCIAL IMPLICATIONS

As reflected in monthly financial reports.

SUSTAINABILITY IMPLICATIONS

The delegations exercised were in accordance with Council's resolution for the benefit and sustainability of the EMRC and Perth's Eastern Region.



Item 1.1 continued

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Nil



1.2 CORPORATE BUSINESS PLAN 2018/2019 – 2022/2023 – PROGRESS REPORT – JULY TO SEPTEMBER 2018

REFERENCE: D2018/13319

PURPOSE OF REPORT

The purpose of this report is to provide a progress update against activities identified within EMRC's Corporate Business Plan 2018/2019 – 2022/2023 for the period July to September 2018.

KEY ISSUES AND RECOMMENDATION(S)

- Section 5.56(1) and (2) of the *Local Government Act 1995* require that each local government is 'to plan for the future of the district', by developing plans in accordance with the regulations.
- The *Local Government (Administration) Regulations 1996* specify that a 'plan for the future' comprises of the following:
 - A Strategic Community Plan – a minimum 10 year timeframe; and
 - A Corporate Business Plan – a four to five year plan, which translates the 10 year strategic plan into operations.
- Council adopted the EMRC's Strategic Community Plan titled *10 Year Strategic Plan 2017 – 2027* on 18 August 2016 for implementation from 1 July 2017 onwards (Ref: D2016/10193).
- Council adopted the EMRC's Corporate Business Plan 2018/2019 – 2022/2023 on 21 June 2018.
- The attachment to this report provides a progress report against activities identified within the Corporate Business Plan 2018/2019 – 2022/2023 for the period July to September 2018.

SOURCE OF REPORT

Chief Executive Officer

BACKGROUND

Section 5.56(1) and (2) of the *Local Government Act 1995* require that each local government is 'to plan for the future of the district', by developing plans in accordance with the regulations. The *Local Government (Administration) Regulations 1996* specify that a 'plan for the future' comprises of the following:

- A Strategic Community Plan – a minimum 10 year timeframe; and
- A Corporate Business Plan – a four to five year plan, which translates the 10 year strategic plan into operations.

Council adopted the EMRC's Strategic Community Plan titled *10 Year Strategic Plan 2017 – 2027* on 18 August 2016 for implementation from 1 July 2017 onwards (Ref: D2016/10193).

Council adopted the EMRC's Corporate Business Plan 2018/2019 – 2022/2023 on 21 June 2018 (Ref: D2018/05498).



Item 1.2 continued

REPORT

The *10 Year Strategic Plan 2017 – 2027* guides, at a strategic level, the direction that the EMRC will take over the next ten years towards achievement of its vision: *“To be a responsive and innovative leader in assisting Perth’s Eastern Region to be a great place to live, work, play and do business.”*

The Corporate Business Plan 2018/2019 – 2022/2023 was developed to articulate the strategic direction into operational activities. It is designed to ensure that the organisation as a whole is able to deliver on Council’s high level priorities, and summarises the services, operations and projects EMRC will deliver over the next five years.

The attachment to this report provides a Quarter One progress report against activities identified within the Corporate Business Plan 2018/2019 – 2022/2023 for the period July to September 2018.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 3 – Good Governance

- 3.3 To provide responsible and accountable governance and management of the EMRC
- 3.4 To continue to improve financial and asset management practices

FINANCIAL IMPLICATIONS

As reflected in budgets and long term financial plans.

SUSTAINABILITY IMPLICATIONS

The Corporate Business Plan 2018/2019 – 2022/2023 identifies projects, programs and services for the benefit and sustainability of Perth’s Eastern Region.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Corporate Business Plan 2018/2019 – 2022/2023 Quarter One Progress Report for the period July to September 2018 (Ref: D2018/13484)



CORPORATE BUSINESS PLAN 2018/2019 – 2022/2023

PROGRESS REPORT

JULY TO OCTOBER 2018



INTRODUCTION

The Eastern Metropolitan Regional Council's (EMRC) Integrated Planning Framework has been developed to ensure that programs and services are being delivered in alignment with the strategic priorities of EMRC's key stakeholders. The **10 Year Strategic Plan 2017 to 2027** identifies the overarching outcomes that the EMRC Council aspires to achieve. The **Corporate Business Plan 2018/2018 – 2022/2023** (Corporate Business Plan) is used to drive operational activities and is aligned to the priorities identified in the 10 Year Strategic Plan. These two comprise EMRC's Plan for the Future. Strategic high level plans guide development of actions which are prioritised during annual business planning workshops, and resourced through the annual budget.

Council adopted the EMRC's Corporate Business Plan on 21 June 2018. The Corporate Business Plan is built on the foundation of three strategic Key Result Areas (KRA) identified within the 10 Year Strategic Plan 2017 to 2027. The Corporate Business Plan sets out the actions that staff will undertake to deliver on Council's strategic priorities.

Reports against the Corporate Business Plan provide Council with information on progress in relation to the achievement of projects and programs developed to achieve Council's vision "*To be a responsive and innovative leader in assisting Perth's Eastern Region to be a great place to live, work, play and do business*".

Updates against the Corporate Business Plan for the period July to September 2018 are contained within this document.

PETER B. SCHNEIDER

Chief Executive Officer



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KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1 TO PROVIDE SUSTAINABLE WASTE DISPOSAL OPERATIONS

1.1.1 Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	QUARTER	COMMENTS
Leachate Project (transfer leachate from Class IV and recommission)	Jul-Sept 2018	<ul style="list-style-type: none"> Estimated start for this project is December 2018
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Construct Class III leachate pond	Jul-Sept 2018	<ul style="list-style-type: none"> The main contractor is mobilising to site in early October to complete the leachate ponds by mid to late November 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.1 Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	QUARTER	COMMENTS
Construct storm water and siltation ponds as required	Jul-Sept 2018	<ul style="list-style-type: none"> None required during this quarter.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Rehabilitate former landfill cells	Jul-Sept 2018	<ul style="list-style-type: none"> A review of the entire landfill site was undertaken to document historical rehabilitation works since initial rehabilitation works in 1992 and areas for future rehabilitation. Staff tree planting was undertaken with over 3000 tubestock planted along the northern and eastern boundary of the site. A hydromulch trial with selected seed stock is currently in effect across 3 x 1000m² to determine the difference between 3 applications being, paper/glue, progranics and flexiterra.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.1 Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Apr-Jun 2019	•
Prepare and submit annual Monitoring and Compliance Reports: <ul style="list-style-type: none"> • Red Hill • Hazelmere • Offset compliance 	Jul-Sept 2018	• All environmental compliance monitoring was carried out in accordance with the regulatory requirements for the Red Hill Waste Management Facility and Hazelmere Resource Recover Park.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
	Apr-Jun 2019	•
Prepare National Greenhouse and Energy (NGERS) report	Jul-Sept 2018	• The EMRC is currently preparing a Section 19 Report for the 2017/2018 reporting year, which details greenhouse gas emissions and energy information as per the requirements of the Clean Energy Regulator under the <i>National Greenhouse and Energy Reporting (NGER) Act 2007</i> . The report is due by 31 October 2018.
	Oct-Dec 2018	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.1 Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Prepare National Pollutants Inventory Report (NPI)	Jul-Sept 2018	• The EMRC is currently preparing a report on substance emissions resulting from waste and fuel associated with the Red Hill operations under the National Pollutant inventory (NPI) reporting requirements. The report is to be submitted via the online reporting system prior to the deadline of 30 September 2018.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Implement Offset Program (Lots 501 and 82)	Jul-Sept 2018	• Remaining tubestock from the tree planting event were used in the offsets area during the winter rains. • Routine monitoring of fence integrity, activity in nest boxes, assessment of rehabilitation areas, identification of weed infestations and subsequent control measures continue as required in the Offset program.
	Oct-Dec 2018	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.1 Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Transition the Environmental Management System for the Red Hill Waste Management Facility from ISO 14001:2004 to ISO 14001:2015	Jul-Sept 2018	• The EMRC has developed an Environmental Management System (EMS) for the Red Hill Waste Management Facility. The EMS had been developed in accordance with the ISO 14001:2004 internationally accepted standard. Following a recent 2 day transition audit conducted by SGS, the Red Hill Waste Management Facility was assessed and certified as meeting the requirements of the new ISO 14001: 2015 standard.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.2 Provide a waste disposal service at Red Hill Waste Management Facility

PROJECTS / ACTIONS	QUARTER	COMMENTS
Operate Red Hill Waste Management Facility	Jul-Sept 2018	<ul style="list-style-type: none"> The Red Hill Waste Management Facility continues to operate in compliance with our Department of Water & Environmental Regulation (DWER) Licence Conditions. The DWER carried out a Landfill Levy and Compliance Inspection in September 2018 and the site passed the audit with no non-compliance issues raised.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Construct site infrastructure as required	Jul-Sept 2018	<ul style="list-style-type: none"> No new infrastructure required during this quarter.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.2 Provide a waste disposal service at Red Hill Waste Management Facility

PROJECTS / ACTIONS	QUARTER	COMMENTS
Resolve potential fire ban closure of Red Hill with the Minister of Environment	Jul-Sept 2018	<ul style="list-style-type: none"> Discussion has been held with Mindarie Regional Council for a collaborative approach to resolving the issue of future potential Fire Ban closures at both facilities.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Undertake Greenwaste (MGB) audit	Jul-Sept 2018	<ul style="list-style-type: none"> Due to commence in November 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.2 Provide a waste disposal service at Red Hill Waste Management Facility

PROJECTS / ACTIONS	QUARTER	COMMENTS
Establish Liquid Waste Processing Plant	Jul-Sept 2018	<ul style="list-style-type: none"> A business case is currently being developed.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

1.1.3 Review and Implement the Red Hill Development Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and update Red Hill Development Plan	Jul-Sept 2018	<ul style="list-style-type: none"> Ongoing, draft plan has been prepared and will be reviewed prior to issuing to consultants for completion.
	Oct-Dec 2018	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.3 Review and Implement the Red Hill Development Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Construct Class III Landfill Cell (Farm Stage 3)	Jul-Sept 2018	<ul style="list-style-type: none"> • Not scheduled at this time. • The location and numbering may change on completion of the Site Development Plan.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.3 Review and Implement the Red Hill Development Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Construct Class III Cell Stage 15B	Jul-Sept 2018	<ul style="list-style-type: none"> Contract documents have been completed and ready to go to tender in October 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Design and Construct Class IV Cell (Stage 2)	Jul-Sept 2018	<ul style="list-style-type: none"> Remediation of the Class IV cell will commence once the new leachate ponds have been commissioned and the leachate transferred. It is estimated to commence the remediation in January 2019.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.3 Review and Implement the Red Hill Development Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Construct drainage diversion and earthworks infrastructure, as required	Jul-Sept 2018	<ul style="list-style-type: none"> No new drainage works required for this period.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Construct water storage dams	Jul-Sept 2018	<ul style="list-style-type: none"> No new water storage required for this period.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.1.4 Operate member councils' waste transfer stations where applicable

PROJECTS / ACTIONS	QUARTER	COMMENTS
Operate Shire of Mundaring Transfer Stations	Jul-Sept 2018	<ul style="list-style-type: none"> The EMRC continued operating the Shire of Mundaring Transfer Stations ensuring an effective service for the Shire of Mundaring community.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2 TO IMPROVE REGIONAL WASTE MANAGEMENT

1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the Household Hazardous Waste Program	Jul-Sept 2018	<ul style="list-style-type: none"> The Household Hazardous Waste Collection Program continued at the Facility with our quarterly collection by the WALGA Contractor completed in August 2018 with a total of 5.55 tonnes of HHW collected and 6.55 tonnes of Paint collected under the Federal Paintback Program for this period.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Implement the Battery Collection Program	Jul-Sept 2018	<ul style="list-style-type: none"> 2,848 kg of batteries were collected at public places and 1149 kg were collected from schools. 354 kg of CFL (compact florescent lighting) was collected from public places. Five new schools enrolled into the program; South East Metro Language Development Centre (260 students), Ellenbrook Secondary College (1681 students), Aveley Primary School (732 students), Morley Senior High School (1055 students) and Maylands Peninsula Primary School (651 students). Four new public recycling locations installed by City of Bayswater and added to collection roster; Bayswater Waves, Morley Galleria, Hawaiian's Noranda and the Morley Recreation Centre. 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 ease of administrating the program, decreasing quantities of batteries left in schools over the summer holidays, and potentially reduce costs. Thirty-six schools 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 will include a 'most-improved' recipient in each school category plus a prize category exclusively for recently joined schools.

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

1.2.2 Continue the Waste Education Program and align this to new operations and resource recovery

PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop the Waste and Recycling Guide and distribute to member Councils	Jul-Sept 2018	<ul style="list-style-type: none"> • All 2018/19 Waste and Recycling guide distribution was completed by member councils. New measures will be implemented to streamline process next year. • Discussions are underway regarding an online platform to complement the paper version of the guide. •
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and implement the Waste Education Strategy	Jul-Sept 2018	<ul style="list-style-type: none"> • EMRC is currently updating the Waste Strategy, in consultation with the Regional Waste Education Steering Group (RWESG). • Waste Education has been involved and is working with the various stakeholders. • RWESG will wait to finalise the Regional Waste Education Strategy, to ensure it is correctly aligned with the EMRC and WA Waste Strategy's. Reviewing time frames can then come in line with reviews of the State Strategy in the future. • Once the EMRC Strategy and WA Strategy is nearing completion a dedicated meeting will be held to go over the draft Regional Waste Education Strategy and Action Plans thoroughly and adjust where needed.
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop and deliver waste education resources and tools at workshops and events to support behaviour change	Jul-Sept 2018	<ul style="list-style-type: none"> • Waste Education Loan Resources utilisation <ul style="list-style-type: none"> • Loan Boxes – all five loan boxes borrowed by Gooseberry Primary School throughout June and July; • Loan Boxes – Hillcrest Primary School (3 boxes) August; • Loan Box - Ngala Early Learning & Development Centre (1 box) August/September; • IScope Stands – Belmont Public Library; and • RGANG Mannequins – borrowed by City of Swan from April onwards. • Events attended: <ul style="list-style-type: none"> • Ten school visits, consisting of incursions and presentations. • Four community events attended. • School Holiday Youth Waste Workshop (7-12yr olds) – 5 July 2018 – 40 children and their guardians toured the Red Hill facility and undertook activities at the Education Centre. • Waste Education officers attended the Royal Show with other regional councils. Earth Carer volunteers helped staff throughout the week. • 18 event planning/network/working group/promotion events were attended by Waste Education. • Red Hill Waste Education Building and Garden <ul style="list-style-type: none"> • The worm farm has been totally revamped. Signage has been added to the worm farm and compost bin to educate users and visitors to ensure that these can be used for education purposes when required. The worm farm and compost bin are now functioning well and are providing additional learning activities. • The rear landing of the Waste Education Building required repair due to the presence of protruding nails and loose decking. • The layout in the Education Centre has been modified to improve the appearance and functionality of activities. • The activity booklet has been reviewed and updated with a view to improve learning outcomes.

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
		<ul style="list-style-type: none"> • More focus has been given to worm farming and composting activities as the Waste Education team works toward limiting the amount of craft activities, which are time-consuming to set up, facilitate and tidy-up, and inevitably contribute to waste generation. • Recycling Market Update and Consistent Communications Information <ul style="list-style-type: none"> • A number of briefing sessions and meetings have been held over the recycling market and move towards consistent communications. • The market is changing rapidly and is uncertain for a number of materials. • There are a range of different materials which cause problems when put in a recycling bin and these issues can affect processing, safety or quality. • A consistent message has been agreed upon, and Local Governments are encouraged to implement this messaging as soon as practicable. • Website, Fact Sheets and Brochures <ul style="list-style-type: none"> • Colouring-in sheets with information relating to each of the RGang messages (Reduce, Reuse. Recycle and Recover) were produced upon request from the City of Bayswater, and are available for distribution to all member councils. • The website (RGang) has had a number of page updates completed. Correct versions of all W&R Guides are now online. Pages are being updated and condensed as time allows, with a number of old pages removed and new pages created.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Facilitate the Earth Carer's training Course	Jul-Sept 2018	<ul style="list-style-type: none"> The next course is scheduled to run from 7 - 21 November 2018. Expressions of Interest were open via the RGang website in May and registrations for the November course opened on 18 September, with 20 people registered as of the end of September. Participants of the May course who missed one or more sessions have been invited to complete those sessions which will enable them to graduate from the course.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Support WA Waste initiatives regarding: <ul style="list-style-type: none"> Container Deposit Scheme Illegal dumping Plastic bag ban 	Jul-Sept 2018	<ul style="list-style-type: none"> Attended the following working groups: <ul style="list-style-type: none"> Reducing Illegal Dumping (RID) Working Group. Container Deposit Scheme Working Group. Consultation workshops on the implementation of the Plastic Bag Ban.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Promote and co-ordinate Waste Education Tours	Jul-Sept 2018	<ul style="list-style-type: none"> Red Hill Guided Tours and Education Centre <ul style="list-style-type: none"> July – 1 tour, 40 attended August - 5 tours, 306 attended September – 3 tours, 112 attended
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

1.2.3 Provide a Waste Management Advisory Service

PROJECTS / ACTIONS	QUARTER	COMMENTS
Undertake contaminated sites investigations (where required)	Jul-Sept 2018	<ul style="list-style-type: none"> Contaminated sites investigations continued at Red Hill with the DWER contaminated sites audit successfully completed in July 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.2.1 Collect, manage and dispose of problematic waste in the Region in a sustainable manner

PROJECTS / ACTIONS	QUARTER	COMMENTS
Provide environmental consultancy service to member Councils and other clients (where required)	Jul-Sept 2018	<ul style="list-style-type: none"> • Consultancy services were not requested during this quarter.
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

1.3 TO PROVIDE RESOURCE RECOVERY AND RECYCLING SOLUTIONS IN PARTNERSHIP WITH MEMBER COUNCILS

1.3.1 Establish a Resource Recovery Facility (RRF)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement Council resolution relating to RRF tender	Jul-Sept 2018	<ul style="list-style-type: none"> • HZI consortium progressing Environmental Approval for East Rockingham facility • HZI recruiting additional waste tonnes to facilitate them to achieve financial close
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



PROJECTS / ACTIONS	QUARTER	COMMENTS
Prepare annual report on Ministerial Conditions for the RRF	Jul-Sept 2018	<ul style="list-style-type: none"> The Annual Report is due in January 2019.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Investigate modular model options for an Anaerobic Digestion Plant at the Red Hill Waste Management Facility	Jul-Sept 2018	<ul style="list-style-type: none"> Preliminary costings obtained for several options Financial model to be developed Feasibility study to be undertaken Section 46 Amendment to existing Environmental Approval for Red Hill RRF to extend approval for further 5 years has been lodged
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.2 Develop the Hazelmere Resource Recovery Park (HRRP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and update Hazelmere Development Plan	Jul-Sept 2018	<ul style="list-style-type: none"> Development Plan updated to incorporate Stage 2 development Works Further updates following confirmation of financial close for East Rockingham Facility (ERF)
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Research and scope Community Transfer Station and Community Reuse Store	Jul-Sept 2018	<ul style="list-style-type: none"> Alternative location within HRRP identified Draft concepts being investigated within constraints of identified site Detail work to be completed following confirmation of East Rockingham Facility financial close
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.2 Develop the Hazelmere Resource Recovery Park (HRRP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Construct and commission weighbridges (2)	Jul-Sept 2018	<ul style="list-style-type: none"> Tender issued via Tenderlink Tender evaluation commenced
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Construct and commission Wood Waste to Energy Plant (WWTE)	Jul-Sept 2018	<ul style="list-style-type: none"> Fabrication of components continued at Bunbury facility Anergy engaged Site Construction Supervisor Site construction recommenced Feed bunker delivered and installed Feed conveyer delivered to site Staged air cyclonic thermal oxidizer (SACTO) delivered and installed Gas conditioning columns delivered and installed 2.5m, 3.5m & 5.0m deck levels commenced Electrical contractor commenced High and Low Voltage works Perth Airport Pty Ltd (PAPL) submitted HV access permit submission to Western Power
	Oct-Dec 2018	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.2 Develop the Hazelmere Resource Recovery Park (HRRP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Prepare and submit WWTE Facility commissioning compliance report to DWER	Jul-Sept 2018	• Pending commissioning of WWTE.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Prepare and submit Ministerial Conditions report to the EPA	Jul-Sept 2018	• Report due in February 2019.
	Oct-Dec 2018	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.2 Develop the Hazelmere Resource Recovery Park (HRRP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Construct Storage Bunkers for wood fines	Jul-Sept 2018	<ul style="list-style-type: none"> • Project on hold following engineering costings indicated well in excess of budget • Further work needed following completion of Stage 2 works
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Develop a monitoring regime for the WWTE Facility to meet regulatory requirements: <ul style="list-style-type: none"> • Wood waste feedstock monitoring 	Jul-Sept 2018	• Pending commissioning of WWTE.
	Oct-Dec 2018	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.2 Develop the Hazelmere Resource Recovery Park (HRRP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
<ul style="list-style-type: none"> • Stack emissions monitoring • Ambient monitoring 	Jan-Mar 2019	•
	Apr-Jun 2019	•
Monitor ground water at the HHRP with the aim of removing the site as a 'potentially' contaminated site.	Jul-Sept 2018	• Monitoring continues and will continue to be treated until results warrant application to reclassify site.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.3 Identify and develop resource recovery products and markets in order to reduce waste going to landfill

PROJECTS / ACTIONS	QUARTER	COMMENTS
Investigate markets for plastics (C&I Facility)	Jul-Sept 2018	• Investigations are underway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Undertake research and market development for Biochar (WWTE)	Jul-Sept 2018	• Investigations are underway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Investigate markets for Ferricrete and PFAS	Jul-Sept 2018	• Investigations are underway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Develop and implement programs to increase sales of Red Hill by-products	Jul-Sept 2018	• Investigations are underway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.3.3 Identify and develop resource recovery products and markets in order to reduce waste going to landfill

PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop and implement programs to increase sales for Hazelmere by-products	Jul-Sept 2018	• Investigations are underway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

1.4 TO INVESTIGATE LEADING EDGE WASTE MANAGEMENT PRACTICES

1.4.1 Undertake research into Integrated Waste Management

PROJECTS / ACTIONS	QUARTER	COMMENTS
Investigate feasibility of a MRF at the Hazelmere Resource Recovery Park	Jul-Sept 2018	•
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.4.2 Provide leadership in the development of waste policy and practices

PROJECTS / ACTIONS	QUARTER	COMMENTS
Provide input to new DWER policies and regulations affecting waste disposal, composting etc.	Jul-Sept 2018	<ul style="list-style-type: none"> • Provided submission on the draft Industry Regulation Guide to Licencing. • Attended consultation workshop on DWER's renewed digital strategy to improve the delivery of services to customers. • Provided submission on draft odour guidelines for prescribed premises. • Provided input to Clean Energy Regulator on NGERS process and review into the National Greenhouse and Energy Reporting legislation.
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.4.3 Identify, investigate and develop new waste management practices and services

PROJECTS / ACTIONS	QUARTER	COMMENTS
Seek approval for a reduction in water monitoring frequency at the Red Hill Waste Management Facility	Jul-Sept 2018	<ul style="list-style-type: none"> Still waiting on advice from DWER regarding reducing quarterly to bi-annually water monitoring frequency.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Undertake a cost-benefit analysis to determine the feasibility of in-house processing of: <ul style="list-style-type: none"> Crushing ferricrete Grinding greenwaste 	Jul-Sept 2018	<ul style="list-style-type: none"> The analysis to determine the feasibility of in-house processing of ferricrete and screening of existing stockpiles is almost ready for submission. Estimated completion is the end of October 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Investigate costs related to power supply to the southern end of the Red Hill site	Jul-Sept 2018	<ul style="list-style-type: none"> Complete.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



PROJECTS / ACTIONS	QUARTER	COMMENTS
Investigate an EMRC regional waste collection service	Jul-Sept 2018	• A working group has been set up with initial draft cost estimate completed.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Seek Greenwaste license amendment at the Red Hill Waste Management Facility	Jul-Sept 2018	• Licence amendment for the greenwaste leachate ponds was granted in August 2018.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Seek license amendment for the construction of leachate evaporation ponds at the Red Hill Waste Management Facility	Jul-Sept 2018	• Licence amendment for the leachate evaporation ponds was granted in August 2018.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5 TO CONTRIBUTE TOWARDS IMPROVED REGIONAL AIR, WATER AND LAND QUALITY AND REGIONAL BIODIVERSITY CONSERVATION

1.5.1 Review and implement the Regional Environment Strategy

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement priority projects (refer Regional Environment Strategy 2016-2020)	Jul-Sept 2018	<ul style="list-style-type: none"> • Provided a brief summary of the Australian Local Government Climate Review 2018 prepared by Beyond Zero Emissions, ICLEI and Ironbark Sustainability, 29 June 2018. • Nominated the Regional Environment Strategy 2016-2020 in the Government category of the 2018 Banksia Sustainability Awards. • 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. • 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.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.2 Implement the Eastern Region Catchment Management Program (ERCMP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the ERCMP	Jul-Sept 2018	<ul style="list-style-type: none"> • Delivered three Bush Skills for the Hills workshops in the region: Fun with Fungi; Feral Animal Control; and Air Bee 'N' Bee. • Presented at the Dieback Information Group Conference on “Building Community Capacity”. • An Environmental Project Officer attends the Shire of Mundaring, City of Kalamunda and City of Swan one day per week to address local landholder enquiries, assist with projects, conduct site assessments, apply for and manage grants. • Completed the 20 Million Trees project. • Progressed the project “Farm dams as refuges for freshwater plants and animals a drying climate” including hosting two Citizen Science workshops and meeting with other participants individually. • Compiled and distributed the Greenpage Newsletter for August – September 2018. • Participated in the Swan Alcoa Landcare Program (SALP) assessment panel; assessed and rated SALP applications for the Perth region. • Prepared and submitted a regional grant application for funding under the State NRM Program’s Community Stewardship grants. • Assisted with the implementation of the Shire of Mundaring’s grant to manage blackberry in sensitive watercourses; Jane Brook Catchment Group’s grant to increase the bushland and water quality values of the Lion Mill creek; and SALP grant to improve water quality and increase biodiversity at Lower Lesmurdie Falls. • Provided assistance to catchment groups for the implementation of their Community Rivercare grants. • Attended State NRM Conference and Sub-Regional Chairs and Coordinators Meeting with Department of Biodiversity, Conservation and Attractions. • Hosted the following stakeholder meetings: <ul style="list-style-type: none"> - Helena River Working Group; - ECMP Steering Group; and - ERCMP. • Attended committee meetings and planting days for Jane Brook, Helena River, Susannah Brook, and Blackadder Woodbridge Catchment Groups, Lower Helena Association, Katharine Street River Gang and Friends of Piesse Brook.

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.2 Implement the Eastern Region Catchment Management Program (ERCMP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Implement the Bush Skill 4 Youth Program	Jul-Sept 2018	<ul style="list-style-type: none"> • Bush Skills 4 Youth delivered 17 workshops in Perth's Eastern Region including: Soils; Trees and plants; Noongar seasons; Plastic waste in our waterways; Venturers project in the Superblock; Biodiversity and revegetation; Animals; Bugle Tree Creek adventure; Waste in the environment; and Teen waste. • Attended 8 meetings with local government youth officers, Bayswater Primary School, Trillion Trees and Guildford Grammar, and participated in Youth Out Loud. • Delivered Healthy Wildlife kits to 16 schools. • Participated in Bushmead Tree Planting and Katharine St River Gang community events.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Implement the Creating a Capable Community in NRM Program	Jul-Sept 2018	<ul style="list-style-type: none"> • Assisted with the following community engagement activities: <ul style="list-style-type: none"> - Katharine Street River Gang Community Engagement Day; and - Friends of Lion Mill Creek Community Walk. • Hosted constitutional requirements and succession planning meetings with Lower Helena Association and Helena River Catchment Group.

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.2 Implement the Eastern Region Catchment Management Program (ERCMP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

1.5.3 Review and implement the Water Quality and Conservation Program

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the Water Quality and Conservation Program	Jul-Sept 2018	<ul style="list-style-type: none"> Completed Waterwise Council Reporting for City of Swan including reporting for Gold Recognition Scheme. Collated information and evidence for the Waterwise Council Reporting for re-endorsement as a Waterwise Council for Town of Bassendean, Shire of Mundaring, and City of Swan.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.4 Review and implement the Regional Climate Change Program (RCCAAP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the RCCAAP	Jul-Sept 2018	<ul style="list-style-type: none"> 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. Presented the outputs of the 'Understanding and Managing Flood Risk' project with the Department of Water and Environmental Regulation to a meeting of the State Government's Infrastructure Coordinating Committee Senior Officers Group. Provided a summary of The Australia Institute's State of the Climate 2018 report. Review of the City of Belmont's Local Climate Change and Adaptation Action Plan is underway.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.5 Review and implement the ACer Program

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the ACer Program	Jul-Sept 2018	<ul style="list-style-type: none"> • Provided information to the Town of Bassendean 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 • Completed manual data collection, upload and account maintenance for Town of Bassendean, Shire of Mundaring and City of Belmont in the Planet Footprint platform for 2017/2018 including fleet, street lighting, new and closed accounts and measures. • Supported Shire of Mundaring officer to progress the final draft of the Energy and Emissions Reduction Strategy towards endorsement in Council. Strategy was endorsed at the Shire's September Council meeting. • Submitted literature review of benchmarking building efficiency processes to meet the City of Belmont's priorities.
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 1 ENVIRONMENTAL SUSTAINABILITY



1.5.6 Review and implement the Swan and Helena Rivers Framework

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement priority projects and initiatives for the Swan and Helena Rivers	Jul-Sept 2018	<ul style="list-style-type: none"> 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 for the Swan and Helena Rivers 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.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.1 TO FACILITATE AND ADVOCATE FOR INCREASED INVESTMENT IN REGIONAL INFRASTRUCTURE

2.1.1 Review and implement the Regional Integrated Transport Strategy (RITS)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Facilitate the RITS Implementation Advisory Group meetings and implement actions	Jul-Sept 2018	<ul style="list-style-type: none"> Held a RITS IAG quarterly meeting on 18 September with attendees from member Councils, Department of Planning, Westcycle, Department of Transport, WALGA and RAC.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Deliver actions and initiatives from the RITS 2017 - 2021	Jul-Sept 2018	<ul style="list-style-type: none"> Undertook a desktop study of member Councils strategic transport strategies, plans and initiatives. 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. Attended a Freight/Ports/Aviation session as part of the AITPM National Conference in Perth Represented the region on the Westport Taskforce Reference Group. Attended a Workshop on the Review of the Strategic Assessment of Perth and Peel.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



PROJECTS / ACTIONS	QUARTER	COMMENTS
Promote and implement the Regional Congestion Management Action Plan	Jul-Sept 2018	<ul style="list-style-type: none"> Attended a Your Move Forum – ‘Engaging Others’ held by the Public Transport Authority of Western Australia. Attended Travelsmart Officer meeting to discuss new ways of implementing active transport initiatives.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Develop and implement the Regional Congestion Management Action Plan	Jul-Sept 2018	<ul style="list-style-type: none"> 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.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Develop and implement Active/Public Transport campaigns	Jul-Sept 2018	<ul style="list-style-type: none"> Nominated the Swan River Ramble project under the Innovation category in the Your Move Awards 2018.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop and implement Road Safety initiatives and campaigns	Jul-Sept 2018	<ul style="list-style-type: none"> • WALGA and the RAC representatives provided an update on the latest road safety initiatives being undertaken at a state/strategic level at the September RITS IAG meeting.
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.2 TO FACILITATE AND ADVOCATE FOR REGIONAL ECONOMIC DEVELOPMENT ACTIVITIES

2.2.1 Review and implement the Regional Economic Development Strategy (REDS)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement actions from the REDS	Jul-Sept 2018	<ul style="list-style-type: none"> Participated in a Local Government Professionals Association (LGPA) Webinar on 'Effective Community Consultation'. Prepared a submission on the City of Belmont's Great Eastern Highway Urban Corridor Strategy Highway.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Facilitate the Economic Development Officers Group meetings	Jul-Sept 2018	<ul style="list-style-type: none"> Hosted an Economic Development Officers' Group (EDOG) meeting 14 August 2018.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Provide access to REMPLAN tools to member Councils	Jul-Sept 2018	<ul style="list-style-type: none"> Renewed the REMPLAN subscription for 2018/2019.
	Oct-Dec 2018	•
	Jan-Mar 2019	•

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.2.1 Review and implement the Regional Economic Development Strategy (REDS)

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Apr-Jun 2019	•
Facilitate tours or forums that Advance Perth's Eastern Region	Jul-Sept 2018	• Refer to the Perth Airport Estate precinct tour in 2.1.1
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Facilitate forums that have a focus on technology and innovation	Jul-Sept 2018	<ul style="list-style-type: none"> • Attended a forum "In the face of disruption – Could a robot do my job" and disseminated the information to EDOG members • Attended the "Digital Elevation" forum, held by LGPA and disseminated the information to EDOG members • Met with representatives of Online Communities to discuss a 'Buy local' online portal.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.2.2 Identify and investigate strategic regional development project and investment opportunities

PROJECTS / ACTIONS	QUARTER	COMMENTS
Progress the Business Exemplar project	Jul-Sept 2018	<ul style="list-style-type: none"> Progressed the Business Exemplar project with the external consultant and local businesses. A number of local business media releases are due to be published prior to the end of the calendar year.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Progress the Business and Investment Attraction project	Jul-Sept 2018	<ul style="list-style-type: none"> 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. Chamber of Commerce and Industry in WA economist, Mr Rick Newnham, presented to the EDOG on the topic of '<i>WA's economy and we're we are heading</i>'.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.3 TO FACILITATE REGIONAL CULTURAL AND RECREATIONAL ACTIVITIES

2.3.1 Continue the coordination, marketing and promotion of regional events

PROJECTS / ACTIONS	QUARTER	COMMENTS
Co-ordinate the Avon Descent Family Fun Days	Jul-Sept 2018	<ul style="list-style-type: none"> Met with Lotterywest in September 2018 to discuss the EMRC's regional events funding program. Attended a Northam Avon Descent Board (NADA) meeting.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Co-ordinate the Perth's Autumn Festival	Jul-Sept 2018	<ul style="list-style-type: none"> Finalised the \$12,000 grant acquittal for the 2018 Perth's Autumn Festival with Lotterywest.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Coordinate Hello Spring Campaign	Jul-Sept 2018	<ul style="list-style-type: none"> Developed and updated the Hello Spring campaign page which includes 53 events, workshops and activities being held throughout spring.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 2 ECONOMIC DEVELOPMENT



2.3.1 Continue the coordination, marketing and promotion of regional events

PROJECTS / ACTIONS	QUARTER	COMMENTS
Administer the Perth Tourism.com.au regional tourism website	Jul-Sept 2018	<ul style="list-style-type: none"> 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.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 3 GOOD GOVERNANCE



3.1 TO PROVIDE ADVICE AND ADVOCACY ON ISSUES AFFECTING PERTH'S EASTERN REGION

3.1.1 Review and implement the Regional Advocacy Strategy (RAS)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop and implement advocacy campaigns to support regional priorities in consultation with member Councils	Jul-Sept 2018	<ul style="list-style-type: none"> Refer to City Deal proposal below.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Continue to advocate for and promote the "Connect Perth's East City Deal" proposal	Jul-Sept 2018	<ul style="list-style-type: none"> Met with the Department of Premier and Cabinet on the current status of the pending City Deal for WA. 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. Met with the Department of Transport's Freight and Ports team to update them on the City Deal proposal.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Continue to advocate for Regional Youth priorities as identified by RITS IAG, EDOG and member Council Youth	Jul-Sept 2018	<ul style="list-style-type: none"> Hosted a Regional Youth Officers Group meeting 8 August 2018 with guest speaker Kirstie Davis from WALGA, who discussed the State Draft Youth Strategy.
	Oct-Dec 2018	<ul style="list-style-type: none">

KEY RESULT AREA 3 GOOD GOVERNANCE



3.1.1 Review and implement the Regional Advocacy Strategy (RAS)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Officers	Jan-Mar 2019	•
	Apr-Jun 2019	•

3.2 TO MANAGE PARTNERSHIPS AND RELATIONSHIPS WITH STAKEHOLDERS

3.2.1 Continue to foster and enhance relationships with member councils and all key stakeholders

PROJECTS / ACTIONS	QUARTER	COMMENTS
Develop and implement an EMRC Reconciliation Action Plan (RAP)	Jul-Sept 2018	• 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 EMRC Councillors and staff.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



3.2.1 Continue to foster and enhance relationships with member councils and all key stakeholders

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and make recommendations to Council regarding alternatives to the EMRC formal Stakeholder Cocktail function	Jul-Sept 2018	<ul style="list-style-type: none"> A meeting was held with the CEO to discuss options and receive feedback on the information provided; We are currently investigating a number of options for new stakeholder functions for the EMRC.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Co-ordinate EMRC's Community Grants Program	Jul-Sept 2018	<ul style="list-style-type: none"> Four eligible grant applications (<i>2017/2018 program</i>) were received by the deadline of 24 August, totalling \$5,520 from an available \$15,000. A presentation ceremony for successful community group representatives hosted by the EMRC CEO and Chairman is scheduled for 19 October 2018 at Red Hill Waste Management Facility.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 3 GOOD GOVERNANCE



3.2.1 Continue to foster and enhance relationships with member councils and all key stakeholders

PROJECTS / ACTIONS	QUARTER	COMMENTS
Produce EMRC's Annual Report	Jul-Sept 2018	<ul style="list-style-type: none"> The EMRC 2017/2018 Annual Report (excluding financial statements) is at final proofing stages pending addition of 70 pages of financial information under Office of Auditor General requirements. The Report is due for adoption at the December 2018 EMRC Council meeting.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Implement biennial Stakeholder Perception Survey	Jul-Sept 2018	<ul style="list-style-type: none"> The online survey due to be conducted by external agency Catalyse in the next quarter for presentation in February/March 2019. Project progressing with database updates completed by end of September 2018. The research focuses on primary and secondary stakeholders. Principal measures include: <ul style="list-style-type: none"> Awareness/understanding of the EMRC's services/divisions Awareness of major projects/activities Satisfaction with the EMRC's performance Awareness/satisfaction with communication strategies
	Oct-Dec 2018	<ul style="list-style-type: none">

KEY RESULT AREA 3 GOOD GOVERNANCE



3.2.1 Continue to foster and enhance relationships with member councils and all key stakeholders

PROJECTS / ACTIONS	QUARTER	COMMENTS
	Jan-Mar 2019	•
	Apr-Jun 2019	•

3.2.2 Review and implement the Marketing and Communications Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement priority initiatives (refer Marketing and Communications Plan)	Jul-Sept 2018	<ul style="list-style-type: none"> The 2017-2019 EMRC Communications Plan continued to support the EMRC as a responsive, progressive and responsible organisation. The Communications team continued to develop and maintain effective communication channels to uphold the integrity and credibility of the EMRC brand. Encouragement and support was provided to EMRC staff to build capacity in developing and maintaining a high standard of internal and external communications with all stakeholders.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



3.3 TO PROVIDE RESPONSIBLE AND ACCOUNTABLE GOVERNANCE AND MANAGEMENT OF THE EMRC

3.3.1 Continue to improve organisational governance

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the Recordkeeping Plan	Jul-Sept 2018	<ul style="list-style-type: none"> The EMRC continues to manage its recordkeeping in accordance with the Recordkeeping Plan. During the period, 86 folders and 4,119 records were created.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Review and update Council Policies	Jul-Sept 2018	<ul style="list-style-type: none"> Review of process currently underway. Policies have been reviewed by responsible officers. Next phase of review will be a review by the Executive Management Team (EMT). It is anticipated that the policies will be presented to Council by end of the year.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Review and update Management Guidelines as required	Jul-Sept 2018	<ul style="list-style-type: none"> The EMT adopted a new management guideline – “Leave to Deal with Family and Domestic Violence” on 21 August 2018
	Oct-Dec 2018	•
	Jan-Mar 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



PROJECTS / ACTIONS	QUARTER	COMMENTS
	Apr-Jun 2019	•

3.3.2 Implement EMRC's Integrated Planning Framework

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review the Corporate Business Plan	Jul-Sept 2018	<ul style="list-style-type: none"> • Council adopted the Corporate Business Plan 2018/2019 to 2022/2023 on 21 June 2018. • The adoption was advertised via a public notice as well as on EMRC's website.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

3.3.3 Review and implement a Risk Management Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement priority projects (refer Risk Management Plan)	Jul-Sept 2018	• The Strategic Risk Management Plan, which was adopted by Council in March 2018 continued to be implemented.
	Oct-Dec 2018	•
	Jan-Mar 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



PROJECTS / ACTIONS	QUARTER	COMMENTS
	Apr-Jun 2019	•

3.3.4 Review and implement the Disability Access and Inclusion Plan (DAIP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and implement the DAIP	Jul-Sept 2018	<ul style="list-style-type: none"> The EMRC's DAIP 2013/2014 to 2017/2018 was reviewed and a draft DAIP 2018 to 2023 was developed and presented to Council on 23 August 2018 for endorsement. Council approved a 42 day public consultation on the draft DAIP 2018 to 2023 The outcomes of the consultation will be provided to Council in October with a request that these be considered prior to the adoption of the draft DAIP 2018 to 2023.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



3.4 TO CONTINUE TO IMPROVE FINANCIAL AND ASSET MANAGEMENT PRACTICES

3.4.1 Review and implement long term financial plans

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review the 5 and 10 Financial Plans	Jul-Sept 2018	<ul style="list-style-type: none"> An update/review of the 10 Year Financial Plan was undertaken as part of the 2018/2019 Budget process. A further review will be undertaken along the current proposed review of the EMRC Ten Year plan due to be undertaken by the end of 2018.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">
Monitor and review financial investment portfolio	Jul-Sept 2018	<ul style="list-style-type: none"> The Investment portfolio was continually monitored in order to ensure that cash flow requirements were met and that maximum returns were achieved on investments within the parameters of the Investment Policy and the regulations. As at 30 September 2018 an average interest rate of 2.68% was achieved compared to a budgeted rate of 2.60% The Investment Policy is being reviewed and updated as part of the Council policy review process expected to be submitted to the December 20178 meeting of Council.
	Oct-Dec 2018	<ul style="list-style-type: none">
	Jan-Mar 2019	<ul style="list-style-type: none">
	Apr-Jun 2019	<ul style="list-style-type: none">

KEY RESULT AREA 3 GOOD GOVERNANCE



3.4.2 Review and Implement the Asset Management Plan (AMP)

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement the AMP	Jul-Sept 2018	<ul style="list-style-type: none"> The Asset Management Plan was updated & compiled as part of the 2018/2019 annual budget deliberation process. The Asset Management Plan will next be reviewed and updated as part of the budget deliberation process for the 2019/2019 financial year.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Undertake capital improvements to Ascot Place Building	Jul-Sept 2018	<ul style="list-style-type: none"> Currently planning for the works and prioritising the list of works and tasks that need to be undertaken whilst been mindful of budget and impact of works on day to day operations.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



3.4.3 Review and implement the Strategic IT Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Implement priority projects (refer Strategic IT Plan)	Jul-Sept 2018	<ul style="list-style-type: none"> • A new Mail Server was deployed in July 2018 • Single Touch Payroll and Taxable Payments Annual Report (TPAR) reporting was implemented as per ATO requirements • The weighbridge computer at the Red Hill Waste Management Facility was replaced • Tender for IT Support Services was awarded
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•
Develop an IT Disaster Recovery Plan incorporating the Red Hill Disaster Recovery site	Jul-Sept 2018	<ul style="list-style-type: none"> • IT Recovery Plan is anticipated to be completed in the next 6 to 9 months.
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•

KEY RESULT AREA 3 GOOD GOVERNANCE



3.5 TO IMPROVE ORGANISATIONAL CULTURE, HEALTH, WELFARE AND SAFETY

3.5.1 Review and implement the Workforce Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Review and implement the Workforce Plan	Jul-Sept 2018	<ul style="list-style-type: none"> • An online Training platform (Velpic) was purchased and will be utilised for contractor inductions and staff training. • Staff continued to be recognised under the EMRC's Rewards and Recognition Program • Service recognition ceremonies were held to recognise long serving staff • The HR Manager worked with WALGA on developing a new Labour Hire tender, which will be utilised by all local governments in WA. • A workshop was held with Managers to commence a review of the current Workforce Plan. • The draft Workforce Plan 2018 – 2023 will be prepared and presented to the Executive team in November 2018, and will incorporate the legislative requirement to develop and implement an Equal Employment Opportunity Plan (EO Plan)
	Oct-Dec 2018	<ul style="list-style-type: none"> •
	Jan-Mar 2019	<ul style="list-style-type: none"> •
	Apr-Jun 2019	<ul style="list-style-type: none"> •

KEY RESULT AREA 3 GOOD GOVERNANCE



3.5.2 Review and Implement the Safety Management Plan

PROJECTS / ACTIONS	QUARTER	COMMENTS
Co-ordinate OS&H Program	Jul-Sept 2018	<ul style="list-style-type: none"> • The OS&H Program continued to be implemented in line with the Safety Management Plan. • Safety targets for 2018/19 were set. <ul style="list-style-type: none"> • 2.18% - Incident Frequency Rate (IFR) • 0.15% Medically Treated Incident Frequency Rate (MTIFR) • Safety Advisory Committee meetings were held • Incidents were investigated and improvement actions implemented • The Executive Team was provided information on the <i>Occupational Safety and Health amendment Bill 2017</i>, which was assented on 7 September 2018. The WA Parliament has approved legislation that significantly increases fines for safety breaches in the state: <ul style="list-style-type: none"> • Maximum fine of \$3.5million for grossly negligent conduct (Level 4 breach) resulting in serious injury or death (corporation) • Maximum penalty of \$680,00 or five years' imprisonment (officer or director) for repeat Level 4 breach
	Oct-Dec 2018	•
	Jan-Mar 2019	•
	Apr-Jun 2019	•



2. REGIONAL SERVICES

2.1 WATER WISE PERTH ROUNDTABLE EVENT

REFERENCE: D2018/12605 (CEOAC) – D2018/13473

PURPOSE OF REPORT

The purpose of this report is to provide Council with a summary of the Water Wise Perth Roundtable event held on 8 August 2018 by the Department of Water and Environmental Regulation.

KEY ISSUE(S)

- The EMRC's participation in both the Cooperative Research Centre (CRC) for Water Sensitive Cities and the Waterwise Council program has provided opportunities to undertake advocacy and have input into the water and planning reform agenda in Perth on behalf of the region.
- The Water Wise Perth Stakeholder Roundtables were held on 8 August 2018 by the Department of Water and Environmental Regulation.
- A total of 95 professionals from industry, interest groups, local government and state government agencies and community organisations came together to discuss how to best position Perth as a leading water wise city.

SOURCE OF REPORT

Director Regional Services

BACKGROUND

The EMRC's Environmental Services business unit provides services to member Councils in the area of water quality and conservation and climate change adaptation as well as advocacy across a range of priority issues. The EMRC assists participating Councils to become Waterwise Councils through a program run by Water Corporation.

Since its inception in 2012, the EMRC has been an industry partner to the Cooperative Research Centre (CRC) for Water Sensitive Cities and presently is a member of the Western Regional Advisory Panel and the Project Steering Committee for the Integrated Research Project on economic evaluation (IRP2).

REPORT

The EMRC's participation in both the CRC for Water Sensitive Cities and the Waterwise Council program has provided opportunities to undertake advocacy and provide input into the water and planning reform agenda in Perth on behalf of the region.

The Water Wise Perth Stakeholder Roundtables were held on 8 August 2018 by the Department of Water and Environmental Regulation. A total of 95 professionals from industry, interest groups, local government and state government agencies and community organisations came together to discuss how to best position Perth as a leading water wise city.

Three different sessions were held on the day, including water wise urban form, water wise community and water wise city. Many of the actions identified were generalised land use and water planning and policy items which aimed to enable land and water planning to integrate and work together at various scales.



Item 2.1 continued

It was also acknowledged that due to the complexity associated with the place and site-specific solutions required to be water wise, a shift in focus towards outcomes and to recognising there are a range of ways to achieve outcomes was required.

There were a number of themes identified that were common to all sessions. These were the need for:

- Clear outcomes and guidance (mandated) from State Government on what is required and a strong desire for government to lead by demonstrating application and outcomes on government projects;
- Best practice demonstrations and support of new approaches – relax regulation requirements and individual criteria and focus on achieving the water wise outcome;
- Education and promotion to increase community understanding of water and support for water wise approaches; and
- Measurement and quantification – to support evidence-based decisions.

The attached information is just one example of the importance of gathering and sharing information to improve outcomes for Perth's Eastern Region. Other examples have included the EMRC's participation in the Water Resources State Planning Policy Stakeholder Reference Group and Strategic Assessment of Perth and Peel Regions (Green Growth Plan for 3.5 million) review.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

FINANCIAL IMPLICATIONS

Budget allocation for the Water Program has been provided in the Environmental Services 2018/2019 operating budget.

SUSTAINABILITY IMPLICATIONS

This advocacy continues the region's commitment to managing the impacts of climate change, water scarcity and drying conditions in WA to ensure a resilient, water wise future, contributing towards environmental, social and economic benefits.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	} Management of water resources may impact member Councils.
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Water Wise Perth Stakeholder Roundtables 8 August 2018 – Summary of Discussions (Ref: D2018/13471)

WATER WISE PERTH STAKEHOLDER ROUNDTABLES 8 AUGUST 2018 – SUMMARY OF DISCUSSIONS

Three round table sessions were held – each with a different focus:

1. Water wise urban form
2. Making our community water wise
3. Planning for water wise cities

Each session had two parts. The first was a room discussion to develop a shared understanding of the key elements of the topic. This provided the basis for the identification of more detailed areas to explore in the group discussions. Each group was asked to brainstorm tangible actions required to achieve the particular aspect of focus, prioritise the actions and describe the difference the actions are expected to make. Where possible, the groups were also asked to suggest timing and responsibilities.

Summary of ideas

Many of the actions identified were generalised land use and water planning and policy items which aimed to enable land and water planning to integrate and work together at various scales. This included raising awareness and moving towards better application of existing frameworks, guidelines and policy instruments. There was general support for Government to mandate a requirement for water wise interventions. It was also widely acknowledged that due to the complexity associated with the place and site-specific solutions required to be water wise, a shift in focus towards outcomes and to recognising there are a range of ways to achieve outcomes was required.

There were a number of themes that were common to all sessions. These were the need for:

- Clear outcomes and guidance (mandated) from State government on what is required and a strong desire for government to lead by demonstrating application and outcomes on government projects.
- Best practice demonstrations and support of new approaches – relax regulation of requirements and individual criteria and focus on achieving the water wise outcome;
- Education and promotion to increase community understanding of water and support for water wise approaches; and
- Measurement and quantification – to support evidence-based decisions.

These themes were encompassed in many of the actions identified by the groups. Those that were common to more than one session are summarised below.

- Improve integration of water and land use planning – government could prepare district water management strategies for priority areas (METRONET catchments, key infill areas, growth corridors) which include arterial drainage planning, water for public open space and on-lot strategies;
- Reduce domestic garden bore use to two days and require installation of meter when sold – to raise awareness in the community of the value of groundwater;
- Support the forthcoming review of Department of Planning, Lands and Heritage / Institute of Public Works Engineering Australia Subdivisional Guidelines for Local Government to better address water management and deliver green streets;

- Release updated *Liveable neighbourhoods* and mandate outcomes for greenfield and infill (e.g. street trees, percentage site perviousness, site landscaping);
- Water wise efficiency rating for homes (at point of sale) that includes whole-of-lot (including gardens and stormwater);
- Festival of water for the community – link with an existing festival (e.g. sub theme for the Festival of Perth);
- Establish a research and development fund to underpin innovation and decision making – demonstrate how things work and de-risk process for industry and outcomes for Local Government, e.g. assess and share outcomes from smart metering, rainwater tanks in Perth, on-lot stormwater in areas of high groundwater and so on.
- Link to a strategy for climate change and population growth – opportunity to address water energy nexus – renewable energy, power generation technology and decentralised systems;
- Develop a policy or approach for allocation of groundwater and alternative non-potable sources of water which incorporates values/prioritisation (eg public benefit, POS) and considers scale, use & feasibility;
- Incentivise reuse and recycling schemes that are appropriate at scale and fit for purpose (including rainwater tanks, greywater systems, sewer mining, aquifer storage and recovery); and
- Life cycle costing of water wise interventions and an accepted business case which recognises the different investors and beneficiaries.

The following provides a summary of the report back from each group for each session.

Session 1: Water wise urban form

What does water wise urban form look like?

Streetscape	Amenity	Affordability	Community awareness
Fit for purpose urban form	Movement networks	Change current culture of backyards and roses	Multi use infrastructure
Green infrastructure – vegetated assets	Water efficiency	Vibrant	Productive and attractive
Blue infrastructure – drains, wetlands, waterways	Water service infrastructure	Liveable	Future protection and maintenance
Water dependent ecosystems	sense of place unique to Perth	Management within footprints	Greenfield and infill
Buildings – housing, commercial and industrial	Adaptive, resilient	Integrated into planning	Existing and new developments
Downstream ecology	Public open space	Functional and not over designed	Lifetime effectiveness smart design sustainable
Community needs and values	Private open space		

Break out groups

Thinking about your element of water wise urban form

1. What do we need to do to get there?

2. What difference will this make?
3. Who, when and how?

Group 1: Multi Use Parklands

1. Allocate groundwater sustainability and reduce backyard bore use
 - a. Charge \$ for ground water
 - b. Reduce backyard bore watering days – 2
 - c. Meter backyard bores
2. Integrated water and land use planning (strategic)
 - a. Total water cycle planning including alternative sources
 - b. Better Regional Water management Strategies (State Government to lead) and District Water management Strategies
 - c. Integrated collaborative assessment with State and Local Government (all sections)
 - d. Updated water State Planning Policies and Better Urban Water Management to clarify outcomes
 - e. Improve implementation of Better Urban Water Management – 'require' rather than 'recommend' mechanisms
3. Multi-functional design of public open space (place specific detail)
 - a. Performance based solutions
 - b. Multifunctional design to include public open space functions; drainage, heat island effects, community needs, irrigated and non-irrigated functions.
 - c. Review Public Open Space credits
 - d. Release revised Liveable Neighbourhoods policy

Group 2: Green Streets

1. Consistent policy and Guidelines – best practice design (Liveable Neighbourhoods)
 - a. Provide better guidance for trees and species (right tree, right place)
 - b. Need alignments for raingardens other elements in verges
 - c. Led by WALGA (Western Australian Local Government Association) and State Government
2. Review engineering standards (alignments) to include green infrastructure.
3. Include green infrastructure on Local Government asset register
4. Flexible design for retrofits to allow outcomes in constrained areas
 - a. Need policy and guidelines

Group 3: Waterwise Buildings

1. Education and training for industry and consumers on practices at lot level – value of water of new water sensitive urban design practices (link greywater diversion devices)
 - a. Industry & builders CPD (continued professional development)
 - b. Regulate installation of stormwater infrastructure at house
 - c. Accreditation for irrigation installation
2. Create incentives for rainwater tanks and infrastructure and behaviours (can we make conversations about water similar to power?)
 - a. Point of Sale house water efficiency rating
3. Test policies on projects – demonstrate effectiveness and share info
 - a. smart metering
 - b. cost of water - change policies and regulations

- c. rainwater tanks in Perth
- d. smart technology

Group 4: Activity Centres and Public Realm

1. Research to underpin innovation – for example, on micro lots. Government to lead in collaboration with CRC for Water Sensitive Cities
 - a. De-risk innovation – process for industry and outcomes for Local Government
 - b. Needs \$ early advice and pre-referrals
2. Standards and position statements for innovation – Department of Water and Environmental Regulation and Local Government – create certainty for developers
3. Sustainable procurement policy from Government to incentivise sustainable procurement and encourage innovation by developers.

Group 5: Planning and Development Approvals

1. Government must be clear about what it wants – Whole of Government agreed position
2. Ministers to set mandated outcome - create certainty of what is required so costs are known upfront
 - a. integrated process that elevates water up the planning pipeline which is supported by approval agencies
3. Demonstrate on exemplar site (METRONET precincts)
 - a. provide business case - levies and sharing costs

Session 2: Water wise Community

What does a water wise community look like?

Educated about Water Sensitive (Water wise) Cities	Amenity	Water underpins health and well-being
Community conscious	Value of vegetation – right plant (or tree), right place	Community of practice drives technical excellence and better, integrated outcomes
Value all forms of water – environmental, scheme, non-drinking water	What is the best outcomes for gardens, verges & parks	Define community – includes individuals, businesses, multiple roles
Understand Perth's landscape context	Understanding WA context – ecology and seasonality, plants, drainage, wetlands, groundwater	Celebrate Perth is uniqueness (not treat as a problem – positive rhetoric)
Progressive	Community participates and is involved	Accept recycled water for drinking and irrigation/other fit for purpose
Landscape doesn't look too different, but smarter use of water	Context specific solutions	Meter private bores
Understanding cost of maintaining values – supported by community	Optimising multiple benefits	Smart water house – wanted by public
Triple Bottom Line cost benefit analysis	Community voice – driving action	Understand the water cycle and water budget
Understand non-financial benefits	Understand individual actions and contribution – what difference can I make?	

Incentivise behaviours	Research and monitor	Simple information/marketing
Be clear about the solution – what are the options?	Share the information from research– disseminate outcomes – why & how	Common language
Science-based decision making		Champions

Break out groups

Thinking about your elements of a water wise community

1. What do we need to do to get there?
2. What difference will this make?
3. Who, when and how?

Group 1: Strategic Catchment Planning and Coordination

1. Water wise in State level planning requires best practice
 - a. best practice handbook eg. Community amenity
 - b. integrated, outcome based policy
2. Non potable water planning /supply at local scale (precinct approach) (want community to demand it)
 - a. requires early discussion and strategic analysis by Department of Water and Environmental Regulation to identify governance and service provision as appropriate
 - b. can also be done by Local government
 - c. Must be appropriate to scale
 - d. Governance of these systems need to be decided at an early stage
3. Whole of life costs for new development - supports outcomes
4. Appropriately resourced Department of Water and Environmental Regulation – needs knowledge and skills for decision makers
 - a. Integrated delivery

Group 2: Irrigating Public and Private Spaces – green environment

1. Community education
 - a. simple messages
 - b. cost/benefit
 - c. industry training
 - d. school programs
 - e. monitoring and auditing
 - f. standards
2. Hierarchy of public open space which dictates water use – optimise irrigation technology and improve efficiency
 - a. could reduce allocation
 - b. irrigation subsidies for retrofit – invest in long term outcomes
3. Water efficiency rating for homes
 - a. private open space disclosure
 - b. stormwater disposal
4. Recycling and recharge
 - a. opportunities for 'trading'
 - b. use of golf courses for recharge
 - c. use Local Government-scale water balance to decide allocation

- d. remove ocean outfalls

Group 3: Individual Actions at Household Scale and Businesses and Agency

1. Principle of 'use water more than once'
 - a. subsidies for recycling infrastructure
 - b. Building Codes of Australia to include efficiency, reuse and irrigation (property foot print)
2. Reduce garden bore use
 - a. Reduce number of watering days
 - b. Register and meter bores
3. Expand water wise use messages – local context - beyond efficiency
 - a. school reuse
 - b. community water story – where their water comes from
4. Work with construction industry
 - a. tree on lot (space)
 - b. water wise installers

Group 4: Marketing, Communications, Research and Business Case

1. Create a research and development fund for Local Government to investigate local solutions (matching funds) – Department of Water and Environmental Regulation managed, feasibility supported
2. Publicly available information - dashboard for information on water, contains information on demonstrations, aquifers, real cost of water, groundwater levels and catchment information.
3. Key messages for community to drive behavioural changes - simple language, e.g. drains to brooks and creeks, value of water
4. Tertiary education

Takeaways

- Infiltrate at source
- Reallocate \$ to deliver Whole of Government
- Work on the water balance
- Festival of Water - share and show

Session 3: Planning for water wise cities

What does a water wise city look like?

Density	Good science	Retrofit existing development and drains	Light and shade
Greenery	Holistic approach	Water sensitive built form	Water recycling
Integrated governance	Green and blue infrastructure	Financial sustainability, viability, efficiency	Local hydrology – knowledge
Community education	Protect and enhance ecosystems	Green Streets	Adaptive management of assets and systems
Alternative funding for implementation			

Protection of important values (legacy)	Opportunity costs	Vision, imagination and emotion	Whole of Government
Biodiversity	Knowledge transfer to practitioners and community – everyone	Make people change	cost/benefit – financial / nonfinancial – transfer
Water literacy in schools	Learning from mistakes – practice	Stop using fill, work with natural land form	Energy minimisation
Incentives	Integrated land and water planning	Reflect Perth's landscape	Healthy rivers and wetlands
Regulation (carrot and stick)	Water quality	Compliance and oversight	Water budget/balance – water sharing
Sustainable groundwater management	Integrated Total Water Cycle planning	Funding models – change subsidies and user charges	Targets, key performance indicators and metrics
Water efficiency	Fit for purpose water	Political leadership including federal	Cost/benefit of options
Responding to new issues	Catchment management	Community health and wellbeing	
Good data and information/support science			

Break out groups

Thinking about the elements of water wise city

1. What do we need to do to get there?
2. What difference will this make?
3. Who, when and how?

Group 1: Green and Blue Infrastructure

1. More green and blue infrastructure on the ground
 - a. leaky side entry pits
 - b. gauging stations
 - c. living streams
2. Describe water sensitive urban design to developers and local government - joint guidance notes in plain English, showing clearly what they need to do
3. Integrated land and water planning
 - a. one stop shop - group of state and Local Government approvals people (panel of experts)
 - b. collaboration and integration

Group 2: Sustainable Groundwater Management

1. Understand what groundwater is
 - a. community education
 - b. information on ground water levels and status
 - c. Include groundwater in school curriculum
2. What are we using?
 - a. measure- meter water use at all schools
 - b. compliance monitoring

- c. meter garden bores – private open space
3. Reduce the take - decrease allocations on basis of aquifer stress
 - a. increase compliance.
 - b. need strong political will

Group 3: Data, research, targets

1. Centralised database for regional and district Water management strategies and plans (planning process) and data – SLIP (Shared Location Information Platform)
 - a. standardised methodology and format
2. Strategic planning of water sources and prove capability at Regional Water Management Strategy stage
3. Smart metering - bores, homes, (example of smart lamp posts)
4. Develop targets to help people understand their behaviour (as for energy) –
 - a. percentage metered houses
 - b. percentage use

Group 4: Integrated land and water planning

1. State Planning Policy & Better Urban Water Management Review
 - a. increase understanding, use and consideration
 - b. demonstrate best implementation in using Government case studies
2. Percentage infiltration required on individual block – site coverage / infiltration, trees and vegetation, landscaping requirement – Local Government to determine
3. Planning for Total Water Cycle - scheme, rain, storm, waste, ground water
 - a. cross government legislation support – water and environment as well as planning
4. Mandate outcomes on private property - use Local Planning Schemes and mandate tree retention

Group 5: Fit for purpose water

1. Methodology for identifying sources to meet demands
 - a. consider constraints
 - b. cross government
2. Allocate other forms of water - extend framework
 - a. clarify the values/prioritisation
 - b. consider scales, use, feasibility
 - c. policy basis for sharing
3. Funding mechanisms for Non Drinking Water and recycling schemes
 - a. Community Service Obligations model
 - b. Health and risk – no longer main barriers
4. Share information

Group 6: Cost benefit analysis and business case

1. Agreed methodology for Cost Benefit Analysis –
 - a. opportunity costs/benefits
 - b. non-financial
 - c. cross agency - Water wise Steering Group
 - d. What is the real value of water
2. Be clear on business case outcomes - what are we seeking to achieve?

3. Create models and strategy that will incentivise water wise cities
 - a. Legislation
 - b. don't be a barrier

Takeaways

- Underpin with climate change - strategy – Whole of Government
- Strategy for population growth
- Aboriginal and cultural values and remote and regional service standards/provision



3 WASTE SERVICES

3.1 COUNCIL TONNAGE COMPARISONS AS AT 31 AUGUST 2018

REFERENCE: D2018/12841 (TAC) - D2018/13461

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 August 2018.

REPORT

Attachment 1 of this report indicates that member Council tonnages totaling 22,579.09 tonnes were received at the Red Hill Waste Management Facility during the reporting period, compared to 21,388.64 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 15,318.92 tonnes. The combined tonnages for the reporting period totalled 37,898.01 tonnes. The 2017/2018 tonnages of 5,402.54 and 26,791.18 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.

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 2,235.99 tonnes compared to 2,144.52 tonnes for the same period in 2017/2018.
- The sale of fines and woodchip totalled 2,791.39 tonnes, compared to 2,521.88 tonnes for the same period in 2017/2018.
- Incoming Commercial and Industrial (C&I) Waste totalled 155.92 tonnes, compared to 334.86 tonnes for the same period in 2017/2018.
- Mattresses incoming totalled 2,286 units compared to 1,661 units for the same period in 2017/2018.

ATTACHMENT(S)

1. Council Tonnages - 1 July 2018 to 31 August 2018 (Ref: D2018/13457)
2. Other Tonnages - 1 July 2018 to 31 August 2018 (Ref: D2018/13458)
3. Tonnages Exported from Red Hill - 1 July 2018 to 31 August 2018 (Ref: D2018/13459)
4. Hazelmere Resource Recovery Park – Incoming Materials and Product Sales - 1 July 2018 to 31 August 2018 (Ref: D2018/13460)

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	
10-Jul-18	490.35	130.67	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	74.80	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	97.97	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	75.53	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	117.85	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	86.98	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	153.35	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	210.15	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year to Date	3,532.74	947.30	2,179.65	0.00	983.92	3.85	8,102.81	80.40	3,981.47	365.68	2,225.85	175.42	22,579.09
31-Aug-18		4,480.04	2,179.65	2,179.65	987.77		8,183.21		4,347.15		2,401.27		22,579.09
Year to date	3,734.34	782.16	2,191.08	21.94	913.94	3.20	7,430.94	56.70	3,676.66	305.84	2,123.56	148.28	21,388.64
as at 31-Aug-17		4,516.50	2,213.02	2,213.02	917.14		7,487.64		3,982.50		2,271.84		21,388.64

EASTERN METROPOLITAN REGIONAL COUNCIL

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year to date 31-Aug-18	798.85	1,014.25	0.00	114.80	100.70	12,440.43	415.80	434.09	15,318.92	37,898.01
Year to date as at 31-Aug-17	848.86	37.84	0.00	117.46	128.82	3,333.40	483.50	452.66	5,402.54	26,791.18

EASTERN METROPOLITAN REGIONAL COUNCIL

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2018/2019 YTD TONNAGES EXPORTED FROM RED HILL WASTE MANAGEMENT FACILITY

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	0.00	0.00	0.00	0.00	0.00	0.00
18-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Sep-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Oct-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-Nov-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31-Dec-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year to date 31-Aug-18	0.00	3,276.60	126.00	67.80	63.30	230.80	3,764.50
Year to date as at 31-Aug-17	0.00	428.10	77.72	96.14	1,222.30	164.50	1,988.76

**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		
Jul-2018	1,141.26	1,365.78	10.64	78.84	1,237
Aug-2018	1,094.73	1,396.89	18.09	77.08	1,049
Sep-2018	0.00	0.00	0.00	0.00	0
Oct-2018	0.00	0.00	0.00	0.00	0
Nov-2018	0.00	0.00	0.00	0.00	0
Dec-2018	0.00	0.00	0.00	0.00	0
Jan-2019	0.00	0.00	0.00	0.00	0
Feb-2019	0.00	0.00	0.00	0.00	0
Mar-2019	0.00	0.00	0.00	0.00	0
Apr-2019	0.00	0.00	0.00	0.00	0
May-2019	0.00	0.00	0.00	0.00	0
Jun-2019	0.00	0.00	0.00	0.00	0
Year to Date	2,235.99	2,762.67	28.72	155.92	2,286
YTD Comparison previous year (August)	2,144.52	2,494.44	27.44	334.86	1,661
Previous Yr total 2017/2018	12,333.87	15,358.67	290.27	2,566.14	12,806