




## MINUTES

### CERTIFICATION OF CONFIRMATION OF COUNCIL MEETING MINUTES

16 February 2017

I, Cr David Färdig, hereby certify that the minutes from the Council Meeting held on 16 February 2017 pages (1) to (237) were confirmed at a meeting of Council held on 23 March 2017.

  
Signature

Cr David Färdig  
Person presiding at Meeting

## ORDINARY MEETING OF COUNCIL

### MINUTES

16 February 2017

(REF: D2017/00169)

An Ordinary Meeting of Council was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 16 February 2017**. The meeting commenced at **6:05pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 6:05pm.

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

### Councillor Attendance

Cr David Färdig ( <b>Chairman</b> )	EMRC Member	City of Swan
Cr Paul Bridges	EMRC Member	Town of Bassendean
Cr Michael Lewis	EMRC Member	Town of Bassendean
Cr Michelle Sutherland	EMRC Member	City of Bayswater
Cr Catherine Ehrhardt (Deputising for Cr Kenyon)	EMRC Deputy Member	City of Bayswater
Cr Janet Powell (from 6:09pm)	EMRC Member	City of Belmont
Cr Steve Wolff	EMRC Member	City of Belmont
Cr Dylan O'Connor	EMRC Member	Shire of Kalamunda
Cr Geoff Stallard	EMRC Member	Shire of Kalamunda
Cr John Daw	EMRC Member	Shire of Mundaring
Cr Bob Perks	EMRC Member	Shire of Mundaring
Cr David McDonnell	EMRC Member	City of Swan

### EMRC Officers

Mr Peter Schneider	Chief Executive Officer
Mr Hua Jer Liew	Director Corporate Services
Mr Steve Fitzpatrick	Director Waste Services
Mrs Wendy Harris	Director Regional Services
Ms Theresa Eckstein	Executive Assistant to Chief Executive Officer
Miss Giulia Bono	Administration Officer Waste Services(Minutes)

### EMRC Observers

Mrs Prapti Mehta	Manager Human Resources
Mr David Ameduri	Manager Financial Services
Miss Melinda Berwick	Functions and Communications Officer

### Observer(s)

Mr Stuart Cole	Chief Executive Officer	City of Belmont
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## 3 DISCLOSURE OF INTERESTS

Nil





#### **4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION**

##### **4.1. STRATEGIES**

Hard copy versions of the EMRC's Advocacy Strategy 2016-2020 and Environmental Services Strategy 2016-2020, which were approved by Council at the 1 December 2016 meeting, were provided to Councillors for their information.

##### **4.2 BUSH SKILLS 4 YOUTH AWARD**

The EMRC's Bush Skills 4 Youth initiative won the "Nature Play" category of "The Children's Environmental and Health Local Government Report Card Project 2016".

The EMRC won this award for showing commitment to continuing environmental management programs and innovation in recruiting young people through the Bush Skills 4 Youth program.

The EMRC were also acknowledged for recognising gaps in services and delivering a range of educational programs to increase awareness and engage children and young people in reducing, reusing and recycling.

Cr Powell entered the meeting at 6:09pm.

#### **5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE**

Nil

#### **6 PUBLIC QUESTION TIME**

Nil

#### **7 APPLICATIONS FOR LEAVE OF ABSENCE**

##### **7.1 CRS DAVID FÄRDIG AND GEOFF STALLARD- LEAVE OF ABSENCE**

##### **COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR DAW

THAT COUNCIL APPROVE APPLICATIONS FOR LEAVE OF ABSENCE FOR CR FÄRDIG FROM 21 APRIL TO 17 MAY 2017 INCLUSIVE AND CR STALLARD FROM 10 JULY TO 22 AUGUST 2017 INCLUSIVE.

**CARRIED UNANIMOUSLY**

#### **8 PETITIONS, DEPUTATIONS AND PRESENTATIONS**

Nil

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## **9 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

### **9.1 MINUTES OF ORDINARY MEETING OF COUNCIL HELD ON 1 DECEMBER 2016**

That the minutes of the Ordinary Meeting of Council held on 1 December 2016 which have been distributed, be confirmed.

#### **COUNCIL RESOLUTION**

MOVED CR PERKS

SECONDED CR DAW

THAT THE MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 1 DECEMBER 2016 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**

## **10 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN**

Nil

## **11 QUESTIONS BY MEMBERS WITHOUT NOTICE**

Cr Daw asked whether the EMRC have investigated the options for investing in non-fossil fuels organisations. The CEO advised that the EMRC have an investment policy and only invests in term deposits with Authorised Deposit-taking Institutions and have no direct investments in shares. If a Councillor sees merit in amending the Investment Policy, they are able to raise the matter for consideration by the Investment Committee.

## **12 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC**

NOTE: Section 5.23(2) of the *Local Government Act 1995*, details a number of matters upon which Council may discuss and make decisions without members of the public being present. These matters include: matters affecting employees; personal affairs of any person; contractual matters; legal advice; commercial-in-confidence matters; security matters; among others.

The following report item is covered in section 19 of this agenda:

- 12.1 ITEM 14.1 OF THE RESOURCE RECOVERY COMMITTEE MINUTES  
RESOURCE RECOVERY FACILITY – PROJECT UPDATE

## **13 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING**

Nil



## **14 REPORTS OF EMPLOYEES**

### **QUESTIONS**

The Chairman invited questions from members on the reports of employees.

### **RECOMMENDATION(S)**

That with the exception of items ....., which are to be withdrawn and dealt with separately, Council adopts the recommendations in the Reports of Employees (Section 14).

### **COUNCIL RESOLUTION(S)**

MOVED CR STALLARD                      SECONDED CR WOLFF

THAT COUNCIL ADOPTS THE RECOMMENDATIONS IN THE REPORTS OF EMPLOYEES (SECTION 14).

**CARRIED UNANIMOUSLY**

Cr Perks questioned why the financial reports do not include the most recent month i.e. January 2017. The CEO advised this is a timing issue associated with the deadline for the compilation of the financial reports and Council agenda and the distribution dates.

Cr Bridges enquired what the anticipated completion dates for Stages 2 and 3 of the Flood Risk Study are, and with the recent significant rainfall resulting in flooding are the consultants aware that 15 residential homes and a nature reserve playground are to be built in the floodway area. The Director Regional Services advised Stages 2 and 3 have commenced and will be a 6 month process. The development in the floodway area will be made known to the consultants.



## 14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF NOVEMBER AND DECEMBER 2016

REFERENCE: D2017/00290

### PURPOSE OF REPORT

The purpose of this report is to present to Council a list of accounts paid under the Chief Executive Officer's delegated authority during the months of November and December 2016 for noting.

### KEY ISSUES AND RECOMMENDATION(S)

- As per the requirements of regulation 13(1) of the *Local Government (Financial Management) Regulations 1996*, the list of accounts paid during the months of November and December 2016 is provided for noting.

#### Recommendation(s)

That Council notes the CEO's list of accounts for November and December 2016 paid under delegated power in accordance with regulation 13(1) of the *Local Government (Financial Management) Regulations 1996*, forming the attachment to this report totalling \$14,300,475.72.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

Council has delegated to the Chief Executive Officer (CEO) the exercise of its power to make payments from the Municipal Fund and Trust Fund. In accordance with regulation 13(1) of the *Local Government (Financial Management) Regulations 1996*, a list of accounts paid by the CEO is to be provided to Council, where such delegation is made.



Item 14.1 continued

## REPORT

The table below summarises the payments drawn on the funds during the months of November and December 2016. A list detailing the payments made is appended as an attachment to this report.

<b>Municipal Fund</b>	EFT Payments	EFT36085 – EFT36434	
	Cheque Payments	220224 – 220235	
	Payroll EFT	PAY 2017-9, PAY 2017-10, PAY-2017-11, PAY-2017-12 & PAY 2017-13	
	Direct Debits		
	- Superannuation	DD15835.1 – DD15835.20 DD15836.1 – DD15836.20 DD15837.1 – DD15837.20	
	- Bank Charges	1*NOV16 & 1*DEC16	
	- Other	1126 – 1151	\$14,301,135.72
	<b>Less</b>		
	Cancelled EFT & Cheques	EFT36107	(\$660.00)
<b>Trust Fund</b>	Not Applicable		Nil
<b>Total</b>			<b>\$14,300,475.72</b>

## STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

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

## FINANCIAL IMPLICATIONS

As contained within the report.

## SUSTAINABILITY IMPLICATIONS

Nil



*Item 14.1 continued*

## MEMBER COUNCIL IMPLICATIONS

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

## ATTACHMENT(S)

CEO's Delegated Payments List for the months of November and December 2016 (Ref: D2017/01708)

## VOTING REQUIREMENT

Simple Majority

## **RECOMMENDATION(S)**

That Council notes the CEO's list of accounts for November and December 2016 paid under delegated power in accordance with regulation 13(1) of the *Local Government (Financial Management) Regulations 1996*, forming the attachment to this report totalling \$14,300,475.72.

## **COUNCIL RESOLUTION(S)**

MOVED CR STALLARD

SECONDED CR WOLFF

THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR NOVEMBER AND DECEMBER 2016 PAID UNDER DELEGATED POWER IN ACCORDANCE WITH REGULATION 13(1) OF THE *LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*, FORMING THE ATTACHMENT TO THIS REPORT TOTALLING \$14,300,475.72.

**CARRIED UNANIMOUSLY**



## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
EFT36085	01/11/2016	ACCESS INDUSTRIAL TYRES PTY LTD	TYRE REPAIRS	297.00
EFT36086	01/11/2016	ADT SECURITY	SECURITY MONITORING	480.81
EFT36087	01/11/2016	ADVANCED NATIONAL SERVICES PTY LTD	CLEANING SERVICES - ASCOT PLACE	2,612.75
EFT36088	01/11/2016	AGPARTS WAREHOUSE	HARDWARE SUPPLIES	143.00
EFT36089	01/11/2016	AIR FILTER DRY CLEAN SYSTEMS WA	PLANT PARTS MAINTENANCE & SERVICE	1,414.99
EFT36090	01/11/2016	AIRWELL GROUP PTY LTD	PUMP MAINTENANCE & SERVICE	3,568.53
EFT36091	01/11/2016	ALLIGHTSYKES PTY LTD	PLANT MAINTENANCE & SERVICE	1,037.34
EFT36092	01/11/2016	ANALYTICAL REFERENCE LABORATORY (ARL)	LABORATORY TESTING & REPORTING ON WOODCHIPS	110.00
EFT36093	01/11/2016	APV VALUERS & ASSET MANAGEMENT	ASSET REVALUATION SERVICES - LAND & BUILDINGS	1,096.70
EFT36094	01/11/2016	ARMAGUARD (LINFOX ARMAGUARD PTY LTD)	COURIER SERVICE	413.68
EFT36095	01/11/2016	ATA STEEL	PARTS FOR WOOD WASTE GRINDER	9,298.31
EFT36096	01/11/2016	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	8.25
EFT36097	01/11/2016	AUSTRALIA POST - RED HILL	POSTAL SERVICES	464.80
EFT36098	01/11/2016	AUSTRALIAN ENVIRONMENTAL AUDITORS PTY LTD	WASTE SERVICES ENVIRONMENTAL - AUDITING FE	5,566.00
EFT36099	01/11/2016	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	1,479.50
EFT36100	01/11/2016	AUSTRALIAN INSTITUTE OF MANAGEMENT - AIM	STAFF TRAINING	420.00
EFT36101	01/11/2016	AUSTRALIAN TRAINING MANAGEMENT PTY LTD	STAFF TRAINING	1,000.00
EFT36102	01/11/2016	AUTOSWEEP WA (LAMBERT FAMILY TRUST)	SITE SWEEPING AT HAZELMERE	2,772.00
EFT36103	01/11/2016	BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L)	PRODUCT TRANSPORTATION COST	1,604.47
EFT36104	01/11/2016	BARFIELD MECHANICAL SERVICES (JAYCOURT NOMINEES P/L)	PLANT MAINTENANCE ON WOODWASTE GRINDER	866.25
EFT36105	01/11/2016	BELMONT - REDCLIFFE NEWSROUND	NEWSPAPERS	52.60
EFT36106	01/11/2016	BIN BATH AUSTRALIA PTY LTD	BIN CLEANING EXPENSES	351.56
EFT36107	01/11/2016	BINDI BINDI DREAMING	WORKSHOP PRESENTATION FEE - ENVIRONMENTAL SERVICES	660.00
EFT36108	01/11/2016	BLUE DIAMOND MACHINERY PTY LTD	PURCHASE OF GENERATOR - RED HILL	7,310.00
EFT36109	01/11/2016	BOBCAT ATTACH	PLANT PARTS	3,388.00
EFT36110	01/11/2016	BRIAN NAUGHTON (BG'S CAR CLEANING SERVICE)	CLEANING CAR POOL VEHICLES	50.00
EFT36111	01/11/2016	BRING COURIERS	COURIER SERVICE	615.03
EFT36112	01/11/2016	BULLIVANTS PTY LTD	PLANT PARTS	232.25
EFT36113	01/11/2016	BUNNINGS GROUP LTD	HARDWARE SUPPLIES	409.14
EFT36114	01/11/2016	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER SERVICE	1,336.65
EFT36115	01/11/2016	CARPENTRY, HOUSE AND YARD MAINTENANCE	BUILDING REPAIRS & MAINTENANCE	294.00
EFT36116	01/11/2016	CBC AUSTRALIA PTY LTD (WA DIVISION)	HARDWARE SUPPLIES	175.21
EFT36117	01/11/2016	CCH AUSTRALIA LTD	AUSTRALIA FAIR WORK ACT	120.25
EFT36118	01/11/2016	CHANDLER MACLEOD GROUP	LABOUR HIRE	2,343.53
EFT36119	01/11/2016	CHEMCENTRE	LABORATORY SAMPLE TESTING ON WOOD FINES	1,441.00
EFT36120	01/11/2016	CIRRENA PTY LTD T/A UNISON INTERACTIVE PTY LTD	WEBSITE MAINTENANCE	1,685.20
EFT36121	01/11/2016	CJD EQUIPMENT PTY LTD	PLANT MAINTENANCE, PARTS & SERVICE	8,354.76
EFT36122	01/11/2016	COATES HIRE OPERATIONS PTY LTD	PLANT HIRE	2,705.44



## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
EFT36123	01/11/2016	COMPU-STOR	IT BACKUP DATA SERVICES	739.89
EFT36124	01/11/2016	COOLMIST SYSTEMS AUSTRALIA PTY LTD	EQUIPMENT HIRE	5,610.00
EFT36125	01/11/2016	COVS PARTS PTY LTD	PLANT PARTS	128.90
EFT36126	01/11/2016	CROSSLAND & HARDY PTY LTD	VOLUME SURVEY ON CRUSHED MATERIALS AT RED HILL	2,096.67
EFT36127	01/11/2016	DATA 3 PERTH	SOFRWARE LICENCE ANNUAL RENEWAL	4,035.04
EFT36128	01/11/2016	DELRON CLEANING PTY LTD	CLEANING SERVICES - RED HILL	3,742.32
EFT36129	01/11/2016	DEPARTMENT OF AGRICULTURE	AQIS ANNUAL AUDIT - RED HILL	2,900.00
EFT36130	01/11/2016	DMB FLUID TECHNOLOGIES PTY LTD	PLANT PARTS	26.40
EFT36131	01/11/2016	DUN & BRADSTREET PTY LTD	CREDIT REFERENCE CHECKS	69.30
EFT36132	01/11/2016	EASTERN HILLS ENGINEERING	PLANT SERVICE	165.00
EFT36133	01/11/2016	ECO ENVIRONMENTAL (BENFOSTER PTY LTD)	PROTECTIVE GEAR	57.75
EFT36134	01/11/2016	ECOTECH P/L	WEBSITE MAINTENANCE FEE	561.00
EFT36135	01/11/2016	EMS PLANT PRODUCTION (WORKPOWER)	ENVIRONMENTAL CONSULTING	388.08
EFT36136	01/11/2016	FLICK ANTICIMEX PTY LTD	HYGIENE SERVICES	1,591.78
EFT36137	01/11/2016	FLUID MANAGEMENT TECHNOLOGY PTY LTD	PLANT PARTS	192.50
EFT36138	01/11/2016	FRESH BOOST PTY LTD ATF BANDITS TRUST	STAFF AMENITIES	752.30
EFT36139	01/11/2016	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPIER MAINTENANCE & SUPPLIES	1,660.12
EFT36140	01/11/2016	GIDGEGANNUP AGRICULTURAL SOCIETY	ADVERTISING COST - COMMUNITY LIASION	44.00
EFT36141	01/11/2016	GOODCHILD ENTERPRISES	GROUP MEETING BATTERY PURCHASE	598.40
EFT36142	01/11/2016	GREEN PROMOTIONS PTY LTD	MARKETING MATERIAL - BUSH SKILLS FOR YOUTH	535.70
EFT36143	01/11/2016	HEALTHCORP PTY LTD	STAFF TRAINING AT RED HILL - FIRST AID COURSE	1,500.00
EFT36144	01/11/2016	HEATLEY SALES PTY LTD	PLANT PARTS	288.79
EFT36145	01/11/2016	HERBERT SMITH FREEHILLS	LEGAL ADVICE	2,999.60
EFT36146	01/11/2016	HILLS FRESH	STAFF AMENITIES	126.26
EFT36147	01/11/2016	HIND'S TRANSPORT SERVICES	PRODUCT TRANSPORTATION COST	335.32
EFT36148	01/11/2016	HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD	PLANT MAINTENANCE & SERVICE	1,832.25
EFT36149	01/11/2016	INSIGHT ORNITHOLOGY	STAFF TRAINING	1,067.00
EFT36150	01/11/2016	INSTITUTE OF PUBLIC ADMINISTRATION AUSTRALIA WA (IPAA)	STAFF TRAINING	445.00
EFT36151	01/11/2016	IONATA DIGITAL	ENVIRONMENTAL CONSULTING - HEALTHY WILDLIFE PROJECT	13,832.50
EFT36152	01/11/2016	IPING PTY LTD	INTERNET SERVICE	1,128.80
EFT36153	01/11/2016	JOHN PHILLIPS CONSULTING	CONSULTING FEE - HR	2,200.00
EFT36154	01/11/2016	K-LINE FENCING GROUP	INSTALL GATE TO COMPOUND FENCE AT HAZELMERE	2,350.70
EFT36155	01/11/2016	KALPUMPS SALES AND SERVICE	PUMP PURCHASE	1,760.00
EFT36156	01/11/2016	KANYANA WILDLIFE REHABILITATION CENTRE INC	ENVIRONMENTAL CONSULTING - BUSHSKILLS FOR YOUTH	479.00
EFT36157	01/11/2016	KERLIN, KAREN MICHELE T/A JAM PACKED COMMUNICATIONS	CONSULTING COSTS - HAZELMERE RRP	4,576.00
EFT36158	01/11/2016	KONE BUILDING DOORS - A DIV OF KONE ELEVATORS PTY LTD	BUILDING MAINTENANCE	107.78
EFT36159	01/11/2016	KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L	PHOTOCOPIER MAINTENANCE & SUPPLIES	794.21
EFT36160	01/11/2016	KOTT GUNNING LAWYERS	LEGAL ADVICE - RRF TENDER DOCUMENTATION	5,516.94





## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
EFT36161	01/11/2016	LANDFILL GAS & POWER PTY LTD	ELECTRICITY USAGES	27,356.96
EFT36162	01/11/2016	LGIS	INSURANCE PREMIUM	171,725.59
EFT36163	01/11/2016	LIEBHERR AUSTRALIA PTY LTD	PLANT PARTS PURCHASE, REPAIR & SERVICE	16,740.59
EFT36164	01/11/2016	LIFTRITE HIRE & SALES	PLANT MAINTENANCE	656.37
EFT36165	01/11/2016	LO-GO APPOINTMENTS	LABOUR HIRE	3,261.71
EFT36166	01/11/2016	M2 TECHNOLOGY	UPDATE PHONE MESSAGE	286.00
EFT36167	01/11/2016	MACRI PARTNERS	AUDIT FEE - GRANT ACQUITTAL	880.00
EFT36168	01/11/2016	MAIL PLUS PERTH	MAIL EXPENSES	369.60
EFT36169	01/11/2016	MAJOR MOTORS PTY LTD	PLANT PARTS	4,647.10
EFT36170	01/11/2016	MAJOR SECURITY SERVICES PTY LTD	SECURITY MONITORING	6,154.50
EFT36171	01/11/2016	MARKETFORCE	DESIGN & PRODUCTION COSTS - BANNERS FOR HEALTHY WILDLIFE PROJECT	1,683.69
EFT36172	01/11/2016	MATERIALS CONSULTANTS PTY LTD	SAMPLE TESTING OF FERRICRETE	4,075.50
EFT36173	01/11/2016	METAL WORKS PERTH	INSTALLATIONS OF BOLLARDS & WHEEL STOPPER IN C&I BUILDING	803.00
EFT36174	01/11/2016	MIDLAND TOYOTA (DVG)	VEHICLE PARTS	150.01
EFT36175	01/11/2016	MIKE HAYWOOD'S SUSTAINABLE RESOURCE SOLUTIONS	CONSULTING COSTS - C&I PROJECT	13,200.00
EFT36176	01/11/2016	MISS MAUD	CATERING COSTS	280.30
EFT36177	01/11/2016	MJ & AR BAMFORD	ENVIRONMENTAL CONSULTING	1,143.45
EFT36178	01/11/2016	MUNDARING TYRE CENTRE	TYRE PURCHASE & REPAIRS	506.00
EFT36179	01/11/2016	NATSYNC ENVIRONMENTAL	WORKSHOP PRESENTATION - BUSHSKILLS FOR YOUTH	1,427.00
EFT36180	01/11/2016	NEARMAP.COM	ANNUAL LICENCE RENEWAL	27,500.00
EFT36181	01/11/2016	NEVERFAIL SPRINGWATER	ANNUAL WATER COOLER RENTAL (X3)	275.55
EFT36182	01/11/2016	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	ALTERNATIVE DAILY COVER MATERIAL	29,400.65
EFT36183	01/11/2016	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL	430.16
EFT36184	01/11/2016	OPS SCREENING & CRUSHING EQUIPMENT P/L	EQUIPMENT RENTAL	1,592.80
EFT36185	01/11/2016	OPTUM HEALTH & TECHNOLOGY (AUSTRALIA) P/L	EAP - COUNSELLING FEES	85.25
EFT36186	01/11/2016	OSBORNE PARK SUBARU	VEHICLE SERVICE	396.55
EFT36187	01/11/2016	PAXON GROUP	AUDIT FEE - INTERNAL AUDIT	19,800.00
EFT36188	01/11/2016	PERTH SCIENTIFIC	HARDWARE SUPPLIES	489.50
EFT36189	01/11/2016	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	538.86
EFT36190	01/11/2016	PETRO MIN ENGINEERS	CONSULTING COSTS - C&I BUILDING	3,960.00
EFT36191	01/11/2016	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	HYDRAULIC HOSE SUPPLIES & REPAIRS	2,520.43
EFT36192	01/11/2016	PITNEY BOWES AUSTRALIA PTY LTD	POSTAGE EXPENSE	333.63
EFT36193	01/11/2016	PJ & DM GODFREY FENCING CONTRACTORS	FENCE REPAIRS	660.00
EFT36194	01/11/2016	PPR AUSTRALIA	CONSULTING FEE - HEALTHY WILDLIFE PROJECT	5,486.25
EFT36195	01/11/2016	PRECISION PANEL & PAINT	VEHICLE REPAIR	2,700.68
EFT36196	01/11/2016	PRESTIGE ALARMS	SECURITY MAINTENANCE & SERVICE	929.50
EFT36197	01/11/2016	PRESTIGE PUMP RENTALS	EQUIPMENT RENTAL	2,926.00
EFT36198	01/11/2016	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES	2,475.00



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EFT36199	01/11/2016	REFRESH WATERS PTY LTD	BOTTLED WATER	84.00
EFT36200	01/11/2016	RENTOKIL INITIAL PTY LTD	PEST CONTROL	1,254.65
EFT36201	01/11/2016	RILEY'S AUTO ELECTRICS	PLANT & VEHICLE REPAIRS	2,306.98
EFT36202	01/11/2016	ROOFING 2000	C&I PLANT BUILDING	10,868.00
EFT36203	01/11/2016	RPS AUSTRALIA EAST PTY LTD	CONSULTING COSTS - REGIONAL DEVELOPMENT	6,380.00
EFT36204	01/11/2016	RUDD INDUSTRIAL AND FARM SUPPLIES	HARDWARE SUPPLIES	416.88
EFT36205	01/11/2016	SAFETY WORLD	PROTECTIVE CLOTHING	327.48
EFT36206	01/11/2016	SCOPEONE BUSINESS SOLUTIONS	STAFF TRAINING	1,000.00
EFT36207	01/11/2016	SHOWCASE CATERING	CATERING COSTS	4,720.80
EFT36208	01/11/2016	SHUGS ELECTRICAL	BUILDING MAINTENANCE & REPAIRS - HAZELMERE	583.00
EFT36209	01/11/2016	SIGN SUPERMARKET	SIGNAGE SUPPLIES	1,152.50
EFT36210	01/11/2016	SNAP BELMONT (BELSNAP PTY LTD)	BUSINESS CARD & BOOKLET PRINTING	312.12
EFT36211	01/11/2016	SNAP PRINTING (MIDLAND)	PRINTING & LAMINATING OF MAP COST	115.00
EFT36212	01/11/2016	SONIC HEALTHPLUS PTY LTD	PRE-EMPLOYMENT MEDICAL	368.50
EFT36213	01/11/2016	SPUDS GARDENING SERVICES	GROUND & GARDEN MAINTENANCE	3,725.00
EFT36214	01/11/2016	ST JOHN AMBULANCE ASSOCIATION	FIRST AID KIT	188.24
EFT36215	01/11/2016	STANTONS INTERNATIONAL	PROVIDE PROBITY SERVICE - RRF TENDER	3,504.05
EFT36216	01/11/2016	STAPLES AUSTRALIA LTD	STATIONERY & CONSUMABLES	1,944.88
EFT36217	01/11/2016	STRATEGEN ENVIRONMENTAL CONSULTANTS P/L	CONSULTING FEES - WWTE	14,217.72
EFT36218	01/11/2016	SWAN LOCK SERVICE PTY LTD	HARDWARE SUPPLIES	1,470.00
EFT36219	01/11/2016	TEKSOFT PRINT	ARTWORK - HEALTHY WILDLIFE PROJECT SIGN	339.00
EFT36220	01/11/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	5,835.01
EFT36221	01/11/2016	THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD	RECALIBRATION OF 2 TEMPERATURE PROBES	396.00
EFT36222	01/11/2016	TIM DAVIES LANDSCAPING PTY LTD	GROUND & GARDEN MAINTENANCE	983.18
EFT36223	01/11/2016	TJ DEPIAZZI & SONS	PRODUCT TRANSPORTATION COST	1,633.50
EFT36224	01/11/2016	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	595.50
EFT36225	01/11/2016	TRUCKLINE	PLANT PARTS	380.61
EFT36226	01/11/2016	TUTT BRYANT EQUIPMENT (BT EQUIPMENT P/L)	PLANT MAINTENANCE	686.26
EFT36227	01/11/2016	VISY RECYCLING	RECYCLING FEE	28.18
EFT36228	01/11/2016	VOLICH WASTE CONTRACTORS PTY LTD	BULK BIN HIRE	44.00
EFT36229	01/11/2016	WA BROILER GROWERS ASSOCIATION (INC)	REFUND OF PAYMENT GUARANTEE	9,002.95
EFT36230	01/11/2016	WATERLOGIC AUSTRALIA PTY LTD	EQUIPMENT RENTAL	335.50
EFT36231	01/11/2016	WEST FORCE PLUMBING AND GAS	BUILDING REPAIRS & MAINTENANCE	913.00
EFT36232	01/11/2016	WESTERN TREE RECYCLERS	GREENWASTE SHREDDING	49,604.62
EFT36233	01/11/2016	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICE & MAINTENANCE	6,980.88
EFT36234	01/11/2016	WORKFORCE INTERNATIONAL	LABOUR HIRE	10,966.20
EFT36235	01/11/2016	WORKPAC PTY LTD	LABOUR HIRE	13,236.60
EFT36236	01/11/2016	WREN OIL	WASTE REMOVAL	313.50



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EFT36237	01/11/2016	XRD BOAT BUILDING AND FABRICATION	PLANT PARTS - STEAMWAND	480.00
EFT36238	04/11/2016	AUSTRALIAN LABORATORY SERVICES P/L ( ALS)	LABORATORY TESTING & REPORTING - WATER MONITORING	12,808.40
EFT36239	04/11/2016	COMSYNC CONSULTING PTY LTD	IT CONSULTING	3,052.50
EFT36240	04/11/2016	PERTH SCIENTIFIC	HARDWARE SUPPLIES	397.10
EFT36241	08/11/2016	ECO ENVIRONMENTAL (BENFOSTER PTY LTD)	EQUIPMENT HIRE	270.60
EFT36242	08/11/2016	J & K HOPKINS	PURCHASE OF OFFICE EQUIPMENT	618.00
EFT36243	08/11/2016	MACRI PARTNERS	AUDIT FEE - EXTERNAL AUDIT	12,958.00
EFT36244	08/11/2016	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	2,585.97
EFT36245	08/11/2016	PAYG PAYMENTS	TAXATION PAYMENT	62,179.00
EFT36246	08/11/2016	SHIRE OF NORTHAM	GRANT DISTRIBUTION - AVON DESCENT	29,700.00
EFT36247	08/11/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	1,221.67
EFT36248	18/11/2016	ALLIED METAL RECYCLERS PTY LTD	REFUND OF OVERPAYMENT	681.40
EFT36249	18/11/2016	BINDI BINDI DREAMING	WORKSHOP PRESENTATION COST - ABORIGINALCULTURE FOR YOUTH	660.00
EFT36250	18/11/2016	BP AUSTRALIA PTY LTD	FUEL PURCHASES	50,884.52
EFT36251	18/11/2016	BP AUSTRALIA PTY LTD	OIL PURCHASES	2,338.93
EFT36252	18/11/2016	CITY OF BELMONT	COUNCIL RATES	2,725.40
EFT36253	18/11/2016	COMSYNC CONSULTING PTY LTD	IT CONSULTING	2,763.75
EFT36254	18/11/2016	DAVID BROADWAY	COUNCIL PHOTOGRAPHY SESSION	2,475.00
EFT36255	18/11/2016	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	ALTERNATIVE DAILY COVER MATERIAL	27,981.95
EFT36256	18/11/2016	PITNEY BOWES AUSTRALIA PTY LTD	POSTAGE EXPENSE	333.63
EFT36257	18/11/2016	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICES	130.68
EFT36258	21/11/2016	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT	102,612.00
EFT36259	22/11/2016	PAYG PAYMENTS	TAXATION PAYMENT	62,997.42
EFT36260	24/11/2016	REECE'S HIRE & STRUCTURES PTY LTD	EQUIPMENT HIRE - C&I PLANT OPENING	929.19
EFT36261	24/11/2016	WENDY HARRIS	STAFF REIMBURSEMENT	612.00
EFT36262	29/11/2016	BRONWYN LEE	STAFF REIMBURSEMENT	212.48
EFT36263	29/11/2016	MARKETFORCE	ADVERTISING COST - PUBLIC NOTICE	1,467.94
EFT36264	29/11/2016	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	ALTERNATIVE DAILY COVER MATERIAL	11,872.80
EFT36265	29/11/2016	SYNERGY	ELECTRICITY USAGES	2,416.55
EFT36266	01/12/2016	AALAN LINE MARKING SERVICES	LINEMARKING - C&I PLANT	1,639.00
EFT36267	01/12/2016	ACCESS INDUSTRIAL TYRES PTY LTD	TYRE REPLACEMENTS & REPAIRS	2,497.00
EFT36268	01/12/2016	ADT SECURITY	ALARM RESPONSE	77.00
EFT36269	01/12/2016	ADVANCED NATIONAL SERVICES PTY LTD	CLEANING SERVICES - ASCOT PLACE	2,612.75
EFT36270	01/12/2016	AIR FILTER DRY CLEAN SYSTEMS WA	PLANT PARTS MAINTENANCE & SERVICE	1,676.75
EFT36271	01/12/2016	AIRWELL GROUP PTY LTD	QUARTERLY SERVICE & PARTS - LEACHATE DRAINING SYSTEM	4,122.80
EFT36272	01/12/2016	ANALYTICAL REFERENCE LABORATORY (ARL)	LABORATORY TESTING & REPORTING - WOODCHIPS	176.00
EFT36273	01/12/2016	ARMAGUARD (LINFOX ARMAGUARD PTY LTD)	COURIER SERVICE	517.10
EFT36274	01/12/2016	AUSTRALIA POST - ASCOT PLACE	POSTAL SERVICES	1,950.00



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EFT36275	01/12/2016	AUSTRALIA POST - RED HILL	POSTAL SERVICES	338.20
EFT36276	01/12/2016	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	1,397.00
EFT36277	01/12/2016	AUSTRALIAN LABORATORY SERVICES P/L ( ALS)	LABORATORY TESTING & REPORTING - WATER MONITORING	12,107.70
EFT36278	01/12/2016	AUSTRALIAN TRAINING MANAGEMENT PTY LTD	STAFF TRAINING	514.00
EFT36279	01/12/2016	AUTOSWEEP WA (LAMBERT FAMILY TRUST)	SITE SWEEPING AT HAZELMERE & RED HILL	3,484.80
EFT36280	01/12/2016	BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L)	PRODUCT TRANSPORTATION COST	356.09
EFT36281	01/12/2016	BARFIELD MECHANICAL SERVICES (JAYCOURT NOMINEES P/L)	MAINTENANCE ON WOODWASTE GRINDER & OTHER PLANTS	11,605.00
EFT36282	01/12/2016	BATTERY WORLD	BATTERY PURCHASE	266.45
EFT36283	01/12/2016	BELMONT - REDCLIFFE NEWSROUND	NEWSPAPERS	50.80
EFT36284	01/12/2016	BIN BATH AUSTRALIA PTY LTD	BIN CLEANING EXPENSES	175.78
EFT36285	01/12/2016	BOW STEEL PTY LTD	PLANT MAINTENANCE - GRINDER	3,586.00
EFT36286	01/12/2016	BOYA EQUIPMENT	PLANT PARTS	512.09
EFT36287	01/12/2016	BRIAN NAUGHTON (BG'S CAR CLEANING SERVICE)	CLEANING CAR POOL VEHICLES	70.00
EFT36288	01/12/2016	BRING COURIERS	COURIER SERVICE	445.75
EFT36289	01/12/2016	BUDGET ELECTRICS	BUILDING REPAIRS & MAINTENANCE	666.60
EFT36290	01/12/2016	BUNNINGS GROUP LTD	HARDWARE SUPPLIES	570.45
EFT36291	01/12/2016	CA TECHNOLOGY PTY LTD T/A CAMMS MANAGEMENT SOLUTIONS	QUARTERLY HOSTING FEE (INTERPLAN)	1,980.00
EFT36292	01/12/2016	CAPITAL DEMOLITION (CAPITAL RECYCLING)	WASTE REMOVAL	2,750.00
EFT36293	01/12/2016	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER SERVICE	41.65
EFT36294	01/12/2016	CARPENTRY, HOUSE AND YARD MAINTENANCE	BUILDING REPAIRS & MAINTENANCE - HAZELMERE	563.00
EFT36295	01/12/2016	CHANDLER MACLEOD GROUP	LABOUR HIRE	2,117.55
EFT36296	01/12/2016	CHEMCENTRE	LABORATORY SAMPLE TESTING - DUST MONITORING AT HAZELMERE	143.00
EFT36297	01/12/2016	CJD EQUIPMENT PTY LTD	PLANT PARTS, SERVICE & MAINTENANCE	13,400.52
EFT36298	01/12/2016	COATES HIRE OPERATIONS PTY LTD	EQUIPMENT HIRE	2,109.97
EFT36299	01/12/2016	COMPLETE PLASTIX SERVICES	HARDWARE SUPPLIES	110.00
EFT36300	01/12/2016	COMPU-STOR	IT BACKUP DATA SERVICES	692.33
EFT36301	01/12/2016	COMSYNC CONSULTING PTY LTD	IT CONSULTING	3,836.25
EFT36302	01/12/2016	COOLMIST SYSTEMS AUSTRALIA PTY LTD	EQUIPMENT PURCHASE & HIRE	33,407.00
EFT36303	01/12/2016	COVS PARTS PTY LTD	PLANT PARTS	581.35
EFT36304	01/12/2016	CPR ELECTRICAL SERVICES	MAINTENANCE TO WOODWASTE GRINDER	418.00
EFT36305	01/12/2016	CREATIVE CATERING	CATERING COSTS	222.50
EFT36306	01/12/2016	CROSSLAND & HARDY PTY LTD	QUARTERLY VOLUME SURVEY FEE AT RED HILL	5,289.65
EFT36307	01/12/2016	CSE CROSSCOM PTY LTD	2-WAY RADIO CHARGES PURCHASE	372.90
EFT36308	01/12/2016	DEERING AUTRONICS	VEHICLE HAZARD LIGHT INSTALLATION	555.00
EFT36309	01/12/2016	DELRON CLEANING PTY LTD	CLEANING SERVICES - RED HILL	3,681.82
EFT36310	01/12/2016	DENSFORD CIVIL PTY LTD	INFRASTRUCTURE WORKS AT HAZELMERE WWtE	2,807.70
EFT36311	01/12/2016	DUN & BRADSTREET PTY LTD	CREDIT REFERENCE CHECKS	89.10
EFT36312	01/12/2016	E & MJ ROSHER	PLANT PARTS	62.15



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EFT36313	01/12/2016	ELAN ENERGY MATRIX	TYRE DISPOSAL COSTS	750.50
EFT36314	01/12/2016	ELEMENT HYDROGRAPHIC SOLUTIONS	EQUIPMENT MAINTENANCE & SERVICE	617.10
EFT36315	01/12/2016	EMS PLANT PRODUCTION (WORKPOWER)	ENVIRONMENTAL CONSULTING	990.00
EFT36316	01/12/2016	FILTERS PLUS	PLANT FILTERS	315.15
EFT36317	01/12/2016	FLEXI STAFF PTY LTD	LABOUR HIRE	3,882.60
EFT36318	01/12/2016	FRESH BOOST PTY LTD ATF BANDITS TRUST	STAFF AMENITIES	760.90
EFT36319	01/12/2016	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPIER MAINTENANCE & SUPPLIES	1,111.19
EFT36320	01/12/2016	GOODCHILD ENTERPRISES	BATTERY PURCHASE	262.90
EFT36321	01/12/2016	HEATLEY SALES PTY LTD	EQUIPMENT PURCHASES	4,561.89
EFT36322	01/12/2016	HIGHWAY MOTOR TRIMMERS	PLANT REPAIRS	71.50
EFT36323	01/12/2016	HILLS FRESH	STAFF AMENITIES	90.44
EFT36324	01/12/2016	HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD	PLANT MAINTENANCE & SERVICE	1,111.04
EFT36325	01/12/2016	HOSECO (WA) PTY LTD	PLANT PARTS & MAINTENANCE	1,364.04
EFT36326	01/12/2016	INSTANT WEIGHT PTY LTD T/A INSTANT WEIGHING	CALIBRATION OF VOLVO LOADER	506.00
EFT36327	01/12/2016	IPING PTY LTD	INTERNET SERVICE	1,128.80
EFT36328	01/12/2016	JCB CONSTRUCTION EQUIPMENT AUSTRALIA	PLANT SERVICE & MAINTENANCE	812.81
EFT36329	01/12/2016	KLB SYSTEMS	COMPUTER HARDWARE PURCHASE	1,551.00
EFT36330	01/12/2016	KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L	PHOTOCOPIER CHARGES	1,318.98
EFT36331	01/12/2016	KOOL KREATIVE	DESIGN & PRINTING COSTS - ANNUAL REPORT	8,393.00
EFT36332	01/12/2016	KOTT GUNNING LAWYERS	LEGAL ADVICE - RRF TENDER	880.55
EFT36333	01/12/2016	LANDFILL GAS & POWER PTY LTD	ELECTRICITY USAGES	23,822.50
EFT36334	01/12/2016	LANDMARK OPERATIONS LIMITED	DRAINAGE SUPPLIES	234.01
EFT36335	01/12/2016	LIEBHERR AUSTRALIA PTY LTD	PLANT SERVICE & MAINTENANCE	207.99
EFT36336	01/12/2016	LIFTRITE HIRE & SALES	PLANT MAINTENANCE	233.75
EFT36337	01/12/2016	LYONS AIRCONDITIONING SERVICES	PLANT PARTS	260.15
EFT36338	01/12/2016	M2 TECHNOLOGY	PHONE SYSTEM PROGRAMMING	435.60
EFT36339	01/12/2016	MAIL PLUS PERTH	MAIL EXPENSES	443.70
EFT36340	01/12/2016	MAJOR MOTORS PTY LTD	PLANT PARTS	226.25
EFT36341	01/12/2016	MAJOR SECURITY SERVICES PTY LTD	SECURITY MONITORING	7,095.00
EFT36342	01/12/2016	MAYVIS ELECTRICAL	ELECTRICAL WORK - C&I BUILDING	5,211.20
EFT36343	01/12/2016	MIDALIA STEEL (ONESTEEL)	REPAIRS TO HAZELMERE WORKSHOP	416.98
EFT36344	01/12/2016	MIDLAND TOYOTA (DVG)	VEHICLE PARTS	530.33
EFT36345	01/12/2016	MIDWAY FORD (WA)	VEHICLE SERVICE	1,135.00
EFT36346	01/12/2016	MINETEK (INDUSTRIAL EQUIPMENT PTY LTD)	INSTALLATION OF SOLAR CONTROL FOR EVAPORATOR SYSTEM AT RED HILL	13,650.50
EFT36347	01/12/2016	MISS MAUD	CATERING COSTS	263.80
EFT36348	01/12/2016	MODDEX GROUP PTY LTD	INSTALLATION OF HANDRAILS - C&I BUILDING	1,987.77
EFT36349	01/12/2016	MS GROUNDWATER MANAGEMENT	LABORATORY TESTING & REPORTING ON GROUNDWATER	8,877.00
EFT36350	01/12/2016	MUNDARING TYRE CENTRE	TYRE PURCHASES & REPAIRS	800.00



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EFT36351	01/12/2016	NEVERFAIL SPRINGWATER	BOTTLED WATER	364.65
EFT36352	01/12/2016	NEVILLE REFRIGERATION	DEGASSING OF FRIDGES & AIRCONDITIONERS	1,551.00
EFT36353	01/12/2016	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL	1,322.95
EFT36354	01/12/2016	OPS SCREENING & CRUSHING EQUIPMENT P/L	PLANT PARTS	2,574.00
EFT36355	01/12/2016	PALMER EARTHMOVING AUSTRALIA PTY LTD	FERRICRETE CRUSHING	137,698.90
EFT36356	01/12/2016	PARK PACKAGING	RED HILL LITTER CONTROL BAGS	1,409.38
EFT36357	01/12/2016	PETRO MIN ENGINEERS	ENGINEERING CONSULTING - WWtE	4,950.00
EFT36358	01/12/2016	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	HYDRAULIC HOSE SUPPLIES & REPAIRS	451.90
EFT36359	01/12/2016	PJ & DM GODFREY FENCING CONTRACTORS	FENCE REPAIRS	440.00
EFT36360	01/12/2016	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES	2,475.00
EFT36361	01/12/2016	REFRESH WATERS PTY LTD	BOTTLED WATER	84.00
EFT36362	01/12/2016	REMONDIS AUSTRALIA PTY LTD	WASTE REMOVAL	8.25
EFT36363	01/12/2016	RICHGRO	MULCH ANALYSIS TO AUSTRALIAN STANDARDS	1,291.40
EFT36364	01/12/2016	RILEY'S AUTO ELECTRICS	VEHICLE REPAIR	205.70
EFT36365	01/12/2016	RPS AUSTRALIA EAST PTY LTD	CONSULTING COSTS - REGIONAL DEVELOPMENT	15,048.00
EFT36366	01/12/2016	RUDD INDUSTRIAL AND FARM SUPPLIES	HARDWARE SUPPLIES - GRINDER	2,471.80
EFT36367	01/12/2016	SADLEIRS ROAD DISTRIBUTION SERVICES	REFUND OF PRE-PAYMENT	9,189.77
EFT36368	01/12/2016	SAFETY SIGNS SERVICE	SIGNAGE SUPPLIES	1,584.63
EFT36369	01/12/2016	SAFETY WORLD	PROTECTIVE CLOTHING	374.55
EFT36370	01/12/2016	SETON AUSTRALIA	HARDWARE SUPPLIES	1,013.98
EFT36371	01/12/2016	SHARIFAH S BONNE	STAFF HEALTH PROMOTION	360.00
EFT36372	01/12/2016	SHUGS ELECTRICAL	DEGASSING OF FRIDGES & REPAIRS TO GATEHOUSE TOILET & FLUORO LIGHT AT SIGNAGE SUPPLIES	1,600.92
EFT36373	01/12/2016	SIGN SUPERMARKET	SIGNAGE SUPPLIES	313.00
EFT36374	01/12/2016	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING COSTS	1,245.20
EFT36375	01/12/2016	SONIC HEALTHPLUS PTY LTD	PRE-EMPLOYMENT MEDICALS	852.50
EFT36376	01/12/2016	SOUTH METROPOLITAN TAFE	STAFF TRAINING	378.14
EFT36377	01/12/2016	SPUDS GARDENING SERVICES	GROUND & GARDEN MAINTENANCE	3,097.00
EFT36378	01/12/2016	STANTONS INTERNATIONAL	PROVIDE PROBITY SERVICE - RRF TENDER	1,880.45
EFT36379	01/12/2016	STAPLES AUSTRALIA LTD	STATIONERY & CONSUMABLES	555.98
EFT36380	01/12/2016	STRUCTERRE CONSULTING ENGINEERS	CONSULTING FEE - HRRP	12,265.00
EFT36381	01/12/2016	SWAN LOCK SERVICE PTY LTD	HARDWARE SUPPLIES	1,640.00
EFT36382	01/12/2016	SWAN VALLEY CAFE	CATERING COSTS	286.00
EFT36383	01/12/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	6,071.41
EFT36384	01/12/2016	TENDERLINK	TENDERS ADVERTISING	165.00
EFT36385	01/12/2016	TIM DAVIES LANDSCAPING PTY LTD	GROUND & GARDEN MAINTENANCE	983.18
EFT36386	01/12/2016	TJ DEPIAZZI & SONS	PRODUCT TRANSPORTATION COST	6,534.00
EFT36387	01/12/2016	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	2,360.13
EFT36388	01/12/2016	TUTT BRYANT EQUIPMENT (BT EQUIPMENT P/L)	PLANT SERVICE & MAINTENANCE	3,238.46





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Cheque / EFT No	Date	Payee	Description	Amount
EFT36389	01/12/2016	VERTICAL TELECOM WA PTY LTD (VERTEL)	RADIO EQUIPMENT PARTS	200.20
EFT36390	01/12/2016	VISY RECYCLING	RECYCLING FEE	112.72
EFT36391	01/12/2016	VOLICH WASTE CONTRACTORS PTY LTD	BULK BIN HIRE	44.00
EFT36392	01/12/2016	WA EQUAL OPPORTUNITY COMMISSION	STAFF TRAINING	376.00
EFT36393	01/12/2016	WA HINO SALES AND SERVICE	PLANT REPAIRS & MAINTENANCE	556.95
EFT36394	01/12/2016	WATERLOGIC AUSTRALIA PTY LTD	EQUIPMENT RENTAL	335.50
EFT36395	01/12/2016	WESTERN MAZE T/A WESTERN EDUCTING SERVICE	PLANT MAINTENANCE - GRINDER	1,831.50
EFT36396	01/12/2016	WESTRAC EQUIPMENT PTY LTD	PLANT PARTS	9,792.71
EFT36397	01/12/2016	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,478.45
EFT36398	01/12/2016	WORKPAC PTY LTD	LABOUR HIRE	7,504.32
EFT36399	01/12/2016	WREN OIL	WASTE REMOVAL	16.50
EFT36400	01/12/2016	WURTH AUSTRALIA PTY LTD	HARDWARE SUPPLIES	246.98
EFT36401	01/12/2016	YEOMAN PTY LTD ATF THE RJ ROHRLACH FAMILY TRUST	CONSULTING FEES - WWTE	82.50
EFT36402	06/12/2016	BE PROJECTS (WA) PTY LTD	C&I BUILDING CONSTRUCTION - FINAL PAYMENT	5,739.33
EFT36403	06/12/2016	CIRRENA PTY LTD T/A UNISON INTERACTIVE PTY LTD	WEBSITE MAINTENANCE	1,540.00
EFT36404	06/12/2016	CSE CROSSCOM PTY LTD	EQUIPMENT PURCHASES	310.75
EFT36405	06/12/2016	M2 TECHNOLOGY	UPDATE PHONE MESSAGE	352.00
EFT36406	06/12/2016	MEN OF THE TREES	PURCHASE OF PLANTS	2,283.75
EFT36407	06/12/2016	PAYG PAYMENTS	TAXATION PAYMENT	63,374.27
EFT36408	09/12/2016	ALLIED PLANT PTY LTD	PURCHASE OF WATER CART - RED HILL	74,800.00
EFT36409	09/12/2016	BLACKWOODS ATKINS	PLANT PARTS	20.24
EFT36410	09/12/2016	NICHOLAS ELLIOTT	STAFF REIMBURSEMENT	510.00
EFT36411	09/12/2016	PERTH REGION NRM INC	REFUND OF PRE-PAYMENT	1,075.00
EFT36412	09/12/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	899.87
EFT36413	13/12/2016	ANALYTICAL REFERENCE LABORATORY (ARL)	LABORATORY TESTING & REPORTING - WOODCHIPS & DUST SAMPLES FOR LEAD	66.00
EFT36414	13/12/2016	BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L)	PRODUCT TRANSPORTATION COST	2,992.00
EFT36415	13/12/2016	JASON SIGNMAKERS	SIGNAGE	962.06
EFT36416	13/12/2016	MIKE HAYWOOD'S SUSTAINABLE RESOURCE SOLUTIONS	CONSULTING COSTS - C&I PROJECT	1,449.00
EFT36417	13/12/2016	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	3,101.38
EFT36418	13/12/2016	SAFETY SIGNS SERVICE	SIGNAGE	83.74
EFT36419	13/12/2016	TOTAL ELECTRICAL & MECHANICAL SERVICES P/L	MANUFACTURING & INSTALLATION OF PONTOON	14,475.22
EFT36420	16/12/2016	AUSTRALIAN COMMUNICATIONS & MEDIA AUTHORITY ACMA	ANNUAL APPARATUS LICENCE RENEWAL - RED HILL	637.00
EFT36421	16/12/2016	COMSYNC CONSULTING PTY LTD	IT CONSULTING	2,846.25
EFT36422	16/12/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	320.29
EFT36423	20/12/2016	BP AUSTRALIA PTY LTD	FUEL PURCHASES	47,860.53
EFT36424	20/12/2016	BP AUSTRALIA PTY LTD	LUBRICANT PURCHASES	1,005.52
EFT36425	20/12/2016	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT	198,522.00
EFT36426	20/12/2016	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	ALTERNATIVE DAILY COVER MATERIAL	13,271.90



## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
EFT36427	20/12/2016	PAYG PAYMENTS	TAXATION PAYMENT	62,934.94
EFT36428	20/12/2016	PITNEY BOWES AUSTRALIA PTY LTD	POSTAGE EXPENSE	333.63
EFT36429	22/12/2016	LANDFILL GAS & POWER PTY LTD	ELECTRICITY USAGES	24,963.47
EFT36430	22/12/2016	LGIS INSURANCE BROKING	INSURANCE PREMIUM	42,900.00
EFT36431	22/12/2016	MARKETFORCE	ADVERTISING COST - NATIONAL RECYCLING WEEK LIFTOUT	3,308.79
EFT36432	22/12/2016	SADLEIRS ROAD DISTRIBUTION SERVICES	REFUND OF OVERPAYMENT	4,955.00
EFT36433	22/12/2016	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	5,837.06
EFT36434	22/12/2016	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICE & MAINTENANCE	4,704.56
220224	04/11/2016	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	550.70
220225	04/11/2016	EMRC PETTY CASH - COPPIN ROAD	PETTY CASH RECOUP	39.60
220226	04/11/2016	EMRC PETTY CASH - HAZELMERE	PETTY CASH RECOUP	139.50
220227	04/11/2016	EMRC PETTY CASH - MATHIESON ROAD	PETTY CASH RECOUP	45.60
220228	04/11/2016	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	182.50
220229	15/11/2016	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	800.00
220230	09/12/2016	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	927.10
220231	09/12/2016	EMRC PETTY CASH - COPPIN ROAD	PETTY CASH RECOUP	36.00
220232	09/12/2016	EMRC PETTY CASH - MATHIESON ROAD	PETTY CASH RECOUP	37.40
220233	09/12/2016	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	21.65
220234	20/11/2016	ADEPT INVESTIGATIONS SERVICES PTY TLD	CONSULTING COST - RED HILL SITE	612.55
220235	22/12/2016	WATER CORPORATION	WATER USAGE CHARGES & RATES - ASCOT PLACE & HAZELMERE	1,930.45
PAY 2017-9	01/11/2016	PAYROLL FE 1/11/2016	PAYROLL	191,766.01
PAY 2017-10	15/11/2016	PAYROLL FE 15/11/2016	PAYROLL	192,977.61
PAY 2017-11	29/11/2016	PAYROLL FE 29/11/2016	PAYROLL	196,613.72
PAY 2017-12	13/12/2016	PAYROLL FE 13/12/2016	PAYROLL	195,337.98
PAY 2017-13	27/12/2016	PAYROLL FE 27/12/2016	PAYROLL	194,656.73
1*NOV16	01/11/2016	BANK CHARGES 1694 - 1698	BANK FEES & CHARGES	1,664.22
1*DEC16	01/12/2016	BANK CHARGES 1698 - 1702	BANK FEES & CHARGES	1,667.74
DD15835.1	02/12/2016	WALGS PLAN	SUPERANNUATION	33,994.58
DD15835.2	02/12/2016	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	256.34
DD15835.3	02/12/2016	IOOF EMPLOYER SUPER	SUPERANNUATION	191.82
DD15835.4	02/12/2016	AUSTRALIAN SUPER	SUPERANNUATION	687.98
DD15835.5	02/12/2016	ASGARD SUPERANNUATION FUND	SUPERANNUATION	204.14
DD15835.6	02/12/2016	RETAIL EMPLOYEES SUPERANNUATION TRUST	SUPERANNUATION	62.24
DD15835.7	02/12/2016	NORTH PERSONAL SUPERANNUATION	SUPERANNUATION	504.34
DD15835.8	02/12/2016	BT LIFETIME SUPER - EMPLOYER PLAN	SUPERANNUATION	264.49
DD15835.9	02/12/2016	CBUS INDUSTRY SUPER	SUPERANNUATION	431.46
DD15835.10	02/12/2016	MTAA SUPERANNUATION FUND	SUPERANNUATION	214.77
DD15835.11	02/12/2016	FIRST STATE SUPER	SUPERANNUATION	255.86





## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
DD15835.12	02/12/2016	BT BUSINESS SUPER	SUPERANNUATION	496.12
DD15835.13	02/12/2016	THE UNIVERSAL SUPER SCHEME (MLC)	SUPERANNUATION	202.09
DD15835.14	02/12/2016	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	735.21
DD15835.15	02/12/2016	ETHAN Y WANG SUPER PTY LTD ATF ETHAN Y WANG SUPERANNUATION FUND	SUPERANNUATION	321.41
DD15835.16	02/12/2016	LEGALSUPER	SUPERANNUATION	294.59
DD15835.17	02/12/2016	ONEPATH MASTERFUND	SUPERANNUATION	71.90
DD15835.18	02/12/2016	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	254.76
DD15835.19	02/12/2016	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	197.25
DD15835.20	02/12/2016	KINETIC SUPERANNUATION	SUPERANNUATION	152.06
DD15836.1	02/12/2016	WALGS PLAN	SUPERANNUATION	34,625.63
DD15836.2	02/12/2016	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	214.72
DD15836.3	02/12/2016	IOOF EMPLOYER SUPER	SUPERANNUATION	188.11
DD15836.4	02/12/2016	AUSTRALIAN SUPER	SUPERANNUATION	688.19
DD15836.5	02/12/2016	ASGARD SUPERANNUATION FUND	SUPERANNUATION	204.14
DD15836.6	02/12/2016	RETAIL EMPLOYEES SUPERANNUATION TRUST	SUPERANNUATION	75.86
DD15836.7	02/12/2016	NORTH PERSONAL SUPERANNUATION	SUPERANNUATION	504.47
DD15836.8	02/12/2016	BT LIFETIME SUPER - EMPLOYER PLAN	SUPERANNUATION	255.80
DD15836.9	02/12/2016	CBUS INDUSTRY SUPER	SUPERANNUATION	487.16
DD15836.10	02/12/2016	MTAA SUPERANNUATION FUND	SUPERANNUATION	213.46
DD15836.11	02/12/2016	FIRST STATE SUPER	SUPERANNUATION	257.31
DD15836.12	02/12/2016	BT BUSINESS SUPER	SUPERANNUATION	496.11
DD15836.13	02/12/2016	THE UNIVERSAL SUPER SCHEME (MLC)	SUPERANNUATION	202.79
DD15836.14	02/12/2016	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	735.97
DD15836.15	02/12/2016	ETHAN Y WANG SUPER PTY LTD ATF ETHAN Y WANG SUPERANNUATION FUND	SUPERANNUATION	321.41
DD15836.16	02/12/2016	LEGALSUPER	SUPERANNUATION	294.59
DD15836.17	02/12/2016	ONEPATH MASTERFUND	SUPERANNUATION	129.13
DD15836.18	02/12/2016	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	254.76
DD15836.19	02/12/2016	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	197.25
DD15836.20	02/12/2016	KINETIC SUPERANNUATION	SUPERANNUATION	152.06
DD15837.1	02/12/2016	WALGS PLAN	SUPERANNUATION	34,433.09
DD15837.2	02/12/2016	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	216.12
DD15837.3	02/12/2016	IOOF EMPLOYER SUPER	SUPERANNUATION	188.11
DD15837.4	02/12/2016	AUSTRALIAN SUPER	SUPERANNUATION	809.84
DD15837.5	02/12/2016	ASGARD SUPERANNUATION FUND	SUPERANNUATION	204.14
DD15837.6	02/12/2016	RETAIL EMPLOYEES SUPERANNUATION TRUST	SUPERANNUATION	90.16
DD15837.7	02/12/2016	NORTH PERSONAL SUPERANNUATION	SUPERANNUATION	504.34
DD15837.8	02/12/2016	BT LIFETIME SUPER - EMPLOYER PLAN	SUPERANNUATION	257.68
DD15837.9	02/12/2016	CBUS INDUSTRY SUPER	SUPERANNUATION	503.16



## Eastern Metropolitan Regional Council

CEO's DELEGATED PAYMENTS LIST  
FOR THE MONTHS OF NOVEMBER & DECEMBER 2016

Cheque / EFT No	Date	Payee	Description	Amount
DD15837.10	02/12/2016	MTAA SUPERANNUATION FUND	SUPERANNUATION	211.70
DD15837.11	02/12/2016	FIRST STATE SUPER	SUPERANNUATION	260.93
DD15837.12	02/12/2016	BT BUSINESS SUPER	SUPERANNUATION	499.49
DD15837.13	02/12/2016	THE UNIVERSAL SUPER SCHEME (MLC)	SUPERANNUATION	203.06
DD15837.14	02/12/2016	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	747.52
DD15837.15	02/12/2016	ETHAN Y WANG SUPER PTY LTD ATF ETHAN Y WANG SUPERANNUATION FUND	SUPERANNUATION	321.41
DD15837.16	02/12/2016	LEGALSUPER	SUPERANNUATION	294.59
DD15837.17	02/12/2016	ONEPATH MASTERFUND	SUPERANNUATION	95.38
DD15837.18	02/12/2016	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	465.74
DD15837.19	02/12/2016	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	197.25
DD15837.20	02/12/2016	KINETIC SUPERANNUATION	SUPERANNUATION	152.06
1126	07/11/2016	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESTMENT	2,000,000.00
1127	15/11/2016	WBC - CORPORATE MASTERCARD - D AMEDURI	CREDIT CARD PURCHASES	4,381.00
1128	15/11/2016	WBC - CORPORATE MASTERCARD - D CANHAM	CREDIT CARD PURCHASES	5,288.05
1129	15/11/2016	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	97.00
1130	15/11/2016	WBC - CORPORATE MASTERCARD - P SCHNEIDER	CREDIT CARD PURCHASES	12.42
1131	15/11/2016	WBC - CORPORATE MASTERCARD - S FITZPATRICK	CREDIT CARD PURCHASES	488.62
1132	15/11/2016	WBC - CORPORATE MASTERCARD - T BEINHAEUER	CREDIT CARD PURCHASES	74.70
1133	15/11/2016	WBC - CORPORATE MASTERCARD - T ECKSTEIN	CREDIT CARD PURCHASES	414.70
1134	15/11/2016	WBC - CORPORATE MASTERCARD - W HARRIS	CREDIT CARD PURCHASES	149.00
1135	23/11/2016	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESTMENT	4,000,000.00
1136	30/11/2016	SUNCORP BANK	TERM DEPOSIT INVESTMENT	1,000,000.00
1137	06/12/2016	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESTMENT	1,000,000.00
1138	07/12/2016	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PARTS - GRINDER	13,645.45
1139	07/12/2016	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PARTS - GRINDER	6,459.55
1140	09/12/2016	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PARTS - GRINDER	45,678.61
1141	12/12/2016	ANZ BANKING GROUP	TERM DEPOSIT INVESTMENT	1,500,000.00
1142	16/12/2016	WBC - CORPORATE MASTERCARD - D AMEDURI	CREDIT CARD PURCHASES	1,725.46
1143	16/12/2016	WBC - CORPORATE MASTERCARD - D CANHAM	CREDIT CARD PURCHASES	3,056.88
1144	16/12/2016	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	24.36
1145	16/12/2016	WBC - CORPORATE MASTERCARD - P SCHNEIDER	CREDIT CARD PURCHASES	21.38
1146	16/12/2016	WBC - CORPORATE MASTERCARD - S FITZPATRICK	CREDIT CARD PURCHASES	1,843.12
1147	16/12/2016	WBC - CORPORATE MASTERCARD - T BEINHAEUER	CREDIT CARD PURCHASES	578.97
1148	16/12/2016	WBC - CORPORATE MASTERCARD - T ECKSTEIN	CREDIT CARD PURCHASES	720.00
1149	16/12/2016	WBC - CORPORATE MASTERCARD - W HARRIS	CREDIT CARD PURCHASES	2,496.50
1150	16/12/2016	WBC - CORPORATE MASTERCARD - Z WILLIAMSON	CREDIT CARD PURCHASES	872.56
1151	22/12/2016	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESTMENT	1,500,000.00
<b>SUB TOTAL</b>				<b>14,301,135.72</b>



Eastern Metropolitan Regional Council

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Cheque / EFT No	Date	Payee	Description	Amount
<b>LESS CANCELLED EFTs &amp; CHEQUES</b>				
EFT36107	01/11/2016	BINDI BINDI DREAMING		-660.00
<b>SUB TOTAL</b>				<b><u>-660.00</u></b>
<b>TOTAL</b>				<b><u>14,300,475.72</u></b>
 <b>REPORT</b>				
<b>Bank Code</b>		<b>Bank</b>		
		EMRC - Municipal Fund		<b>14,300,475.72</b>
				<b>14,300,475.72</b>



## 14.2 FINANCIAL REPORT FOR PERIOD ENDED 30 NOVEMBER 2016

REFERENCE: D2017/00291

### PURPOSE OF REPORT

The purpose of this report is to provide Council with an overview of the EMRC's financial performance for the period ended 30 November 2016.

### KEY ISSUES AND RECOMMENDATION(S)

- Significant year to date budget variances greater than 10% or \$20,000, whichever is the greater, within each nature and type category on the Statement of Financial Activity as at 30 November 2016 have been identified and are reported on in the body of the report.

#### Recommendation(s)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 30 November 2016.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

It is a requirement of the *Local Government (Financial Management) Regulations 1996* (r.34) that a Local Government is to prepare and present to Council financial reports in such a form as the Local Government considers to be appropriate.

The 2016/2017 Budget was presented in a format that separated operating income and expenditure from other revenue and expenses to provide improved disclosure of Council's underlying operating result.

Submitted to each meeting of Council is a financial report and summaries which provide an overview of year to date budget performance for operating activities and capital works. Variances greater than 10% or \$20,000, whichever is the greater, within each nature and type category on the Statement of Comprehensive Income are reported on in the body of the report. Also included are end of year forecasts by nature and type for operating activities and end of year forecasts for each capital works project. These forecasts are reviewed regularly in order to provide an accurate forecast of the end of year result.

### REPORT

Outlined below is commentary pertaining to variances on the financial statements for the period ended 30 November 2016. Where possible the year to date monthly budget allocations will be reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. This will provide a better comparison between the year to date actual and year to date budget figures.

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*Item 14.2 continued*

### **Statement of Comprehensive Income - Nature and Type (refer Attachment 1)**

The year to date operating result from normal activities as at 30 November 2016 is a favourable variance of \$461,476 (51.38%) against budget. The following information is provided on key aspects of Council's year to date financial performance:

<b><u>Operating Income</u></b>	<i>Actuals for the Year</i>	An unfavourable variance of \$1,711,718 (11.40%).
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

#### Operating Income variances previously reported to Council:

1. Year to date User Charges of \$11,070,464 is \$1,773,053 (13.81%) below the budget of \$12,843,517. This is due to the lower than budget tonnages received from commercial operators as at 30 November 2016.
2. Year to date Interest Municipal Cash Investments of \$222,558 is \$135,058 (154.35%) above the budget of \$87,500. This is attributable to the higher level of funds available as at 30 June 2016 compared to budget together with a higher average interest rate received (2.97%) compared to the budgeted rate (2.53%).

There were no further significant Operating Income variances as at 30 November 2016.

<b><u>Operating Expenditure</u></b>	<i>Actuals for the Year</i>	A favourable variance of \$2,173,194 (15.40%).
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

#### Operating Expenditure variances previously reported to Council:

1. Year to date Contract Expenses of \$1,310,874 is \$1,238,926 (48.59%) below the budget of \$2,549,800 due to the timing of various projects from different business units. Major variances from the Waste Services directorate include:
  - Operate and Maintain Class IV Cell - Leachate Removal - \$312,500;
  - Monitor Environmental Impacts - \$172,871;
  - Rehabilitate Class III Cells - Red Hill Landfill Facility - \$165,241;
  - Crush and Screen Lateritic Caprock - \$126,498; and
  - Operate and Maintain Plant - Waste Management Facilities - \$43,197.

Other projects where the expenditures are lower than budget for various directorates/business units include: Corporate Services (\$197,175), Environmental Services (\$124,321) and Regional Development (\$48,310).

2. Year to date Fuel Expenses of \$234,635 is \$29,585 (11.20%) below the budget of \$264,220. The variance is primarily attributable to the lower level of diesel fuel used by plant as a result of lower than budgeted tonnages received to date as well as a lower than budgeted unit price of diesel fuel.



*Item 14.2 continued*

3. Year to date Depreciation Expenses of \$2,036,262 is \$343,253 (14.43%) below the year to date budget provision of \$2,379,515. The variance is attributable to the lower level of commercial tonnages received to date resulting in lower Class III cell air space consumed (\$1,010,362 compared to a year to date budget of \$1,116,515), the lower level of capital expenditure to date and changes to the asset life of the EMRC's plant and equipment class of assets in accordance with accounting standards as a result of the 3 year asset revaluation cycle.
4. Year to date Miscellaneous Expenses of \$4,750,426 is \$688,510 (12.66%) below the year to date budget provision of \$5,438,936. The variance is attributable predominantly to the lower level of commercial tonnages received to date resulting in a lower Landfill Levy payable (\$4,432,190 compared to a year to date budget of \$4,924,715).

Operating Expenditure variances not previously reported to Council:

1. Year to date Costs Allocated of \$190,665 is \$316,969 (62.44%) below the budget of \$507,634. This variance relates specifically to the timing of internal costs allocated between the Hazelmere Resource Recovery Park projects and the Red Hill Landfill Facility Class III cell. This variance is predominantly offset against Costs Allocated (Other Expenses).

There were no further significant Operating Expenditure variances as at 30 November 2016.

<b><u>*Other Revenues and Expenses (Net)</u></b>	<i>Actuals for the Year</i>	<i>A favourable variance of \$686,388 (41.79%).</i>
	<i>End of Year Forecast</i>	<i>As per budget - not yet due to be reviewed.</i>

Other Revenues and Expenses variances previously reported to Council:

1. Year to date Interest on Restricted Cash Investments of \$809,269 is \$229,399 (39.56%) above the budget of \$579,870. This is attributable to the higher level of funds available during this period compared to budget together with a higher average interest rate received (2.97%) compared to the budgeted rate (2.53%).
2. Year to date Salary Expenses of \$106,502 is \$137,348 (56.32%) below the year to date budget of \$243,850. The variance is due to the timing of the C & I and Wood Waste to Energy projects.
3. Year to date Contract Expenses of \$247,856 is \$57,954 (18.95%) below the budget of \$305,810. The variance is due to the timing of the various Resource Recovery projects and the associated consultancy expenditure.
4. Year to date Miscellaneous Expenses of \$6,016 is \$25,649 (81.00%) below the budget of \$31,665. The variance is due to the timing of the various Resource Recovery projects and the associated expenditures.
5. Carrying Amount of Assets Disposed Of totalling \$114,320 is \$38,820 (51.42%) above the year to date budget of \$75,500. The variance relates specifically to the write-off of the old mattress shed located at the Hazelmere Resource Recovery Park that was removed in order for the C & I building to be constructed.

Other Revenues and Expenses variances not previously reported to Council:

1. Year to date Costs Allocated of \$127,410 is \$317,104 (71.34%) below the budget of \$444,514. This variance relates specifically to the timing of internal costs allocated between the Hazelmere Resource Recovery Park projects and the Red Hill Landfill Facility Class III cell. This variance is predominantly offset against Costs Allocated (Operating Expenditure).

There were no further significant Other Revenues and Expenses variances as at 30 November 2016.



*Item 14.2 continued*

### **Capital Expenditure Statement (refer Attachment 2)**

<u>Capital Expenditure</u>	<i>Actuals for the Year</i>	<i>A favourable variance of \$48,285.</i>
	<i>End of Year Forecast</i>	<i>As per budget - not yet due to be reviewed.</i>

#### Capital Expenditure variances:

A favourable variance of \$48,285 existed as at 30 November 2016 when compared to the year to date budget of \$3,225,141. The year to date budget provisions are used as a guide only as expenditure of a capital nature is undertaken as and when required.

Major capital expenditure to 30 November 2016 includes:

- Purchase / Replace Plant - Red Hill Landfill Facility - \$1,371,237;
- Purchase RRP C & I Building - Plant & Equipment - \$953,581;
- Construct and commission RRP - C & I Building - \$457,484;
- Purchase Vehicles - Ascot Place and Red Hill Landfill Facility - \$94,343;
- Construct and commission RRP - Site Infrastructure - \$79,128;
- Purchase IT & Communications Equipment - \$57,465;
- Wash-down bay upgrade - Red Hill Landfill Facility - \$50,292; and
- Construct hardstand and road - Hazelmere - \$33,021.

### **Statement of Financial Position (refer Attachment 3)**

The Statement of Financial Position shows the overall impact of actual balances compared with budget provisions and end of year forecasts for operating and capital works activities.

Total Equity as at 30 November 2016 is \$167,304,453. This is an increase of \$3,688,476 from the 30 June 2016 equity of \$163,615,977 and represents the net change in assets from operations.

As end of year forecasts are yet to be reviewed, the forecast balances as at 30 November 2016 are as per the budget estimates.

### **Statement of Cash and Investments (refer Attachment 4)**

The level of cash and investments in the Municipal Fund as at 30 November 2016 is \$23,654,275 and Restricted Cash amount to \$63,635,608.

The net movement for the month is an increase of \$1,764,908.

As end of year forecasts are yet to be reviewed, the forecast balances as at 30 November 2016 are as per the budget estimates.

### **Investment Report (refer Attachment 5)**

Term deposits valued at \$4,000,000 matured during November 2016. These amounts were invested into further term deposits together with additional surplus funds.



*Item 14.2 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 - Good Governance

4.3 To provide responsible and accountable governance and management of the EMRC

4.4 To continue to improve financial and asset management practices

## **FINANCIAL IMPLICATIONS**

As outlined within the report and attachments.

## **SUSTAINABILITY IMPLICATIONS**

Nil

## **ATTACHMENT(S)**

1. Statement of Comprehensive Income by Nature and Type (Ref: D2017/00372)
2. Capital Expenditure Statement (Ref: D2017/00373)
3. Statement of Financial Position (Ref: D2017/00374)
4. Statement of Cash and Investments (Ref: D2017/00375)
5. Investment Report (Ref: D2017/00376)

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 30 November 2016.

## **COUNCIL RESOLUTION(S)**

MOVED CR STALLARD

SECONDED CR WOLFF

THAT COUNCIL RECEIVES THE STATEMENT OF COMPREHENSIVE INCOME, CAPITAL EXPENDITURE STATEMENT, STATEMENT OF FINANCIAL POSITION, STATEMENT OF CASH AND INVESTMENTS AND THE INVESTMENT REPORT FOR THE PERIOD ENDED 30 NOVEMBER 2016.

**CARRIED UNANIMOUSLY**

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## STATEMENT OF COMPREHENSIVE INCOME

### Nature and Type

**NOVEMBER 2016**

Year to Date

Full Year

Actual

Budget

Variance

Forecast

Budget

Variance

### Operating Income

\$11,070,464	\$12,843,517	(\$1,773,053)	(U)	User Charges	\$30,959,710	\$30,959,710	\$0	(F)
\$191,464	\$189,984	\$1,480	(F)	Special Charges	\$460,602	\$460,602	\$0	(F)
\$466,094	\$458,691	\$7,403	(F)	Contributions	\$529,323	\$529,323	\$0	(F)
\$185,160	\$196,488	(\$11,328)	(U)	Operating Grants	\$650,662	\$650,662	\$0	(F)
\$222,558	\$87,500	\$135,058	(F)	Interest Municipal Cash Investments	\$210,000	\$210,000	\$0	(F)
\$336,489	\$320,015	\$16,474	(F)	Reimbursements	\$701,202	\$701,202	\$0	(F)
\$826,998	\$914,750	(\$87,752)	(U)	Other	\$2,381,452	\$2,381,452	\$0	(F)
<b>\$13,299,227</b>	<b>\$15,010,945</b>	<b>(\$1,711,718)</b>	<b>(U)</b>	<b>Total Operating Income</b>	<b>\$35,892,951</b>	<b>\$35,892,951</b>	<b>\$0</b>	<b>(F)</b>

### Operating Expenditure

\$3,101,195	\$3,267,077	\$165,882	(F)	Salary Expenses	\$8,997,886	\$8,997,886	\$0	(F)
\$1,310,874	\$2,549,800	\$1,238,926	(F)	Contract Expenses	\$6,131,460	\$6,131,460	\$0	(F)
\$352,543	\$373,505	\$20,962	(F)	Material Expenses	\$921,693	\$921,693	\$0	(F)
\$140,617	\$133,895	(\$6,722)	(U)	Utility Expenses	\$299,728	\$299,728	\$0	(F)
\$234,635	\$264,220	\$29,585	(F)	Fuel Expenses	\$634,241	\$634,241	\$0	(F)
\$7,684	\$9,540	\$1,856	(F)	Finance Fees and Interest Expenses	\$22,900	\$22,900	\$0	(F)
\$110,084	\$112,270	\$2,186	(F)	Insurance Expenses	\$280,005	\$280,005	\$0	(F)
\$2,036,262	\$2,379,515	\$343,253	(F)	Depreciation Expenses	\$6,013,588	\$6,013,588	\$0	(F)
\$4,750,426	\$5,438,936	\$688,510	(F)	Miscellaneous Expenses	\$13,121,385	\$13,121,385	\$0	(F)
\$85,914	\$91,640	\$5,726	(F)	Provision Expenses	\$219,964	\$219,964	\$0	(F)
(\$190,665)	(\$507,634)	(\$316,969)	(U)	Costs Allocated	(\$2,965,206)	(\$2,965,206)	\$0	(F)
<b>\$11,939,570</b>	<b>\$14,112,764</b>	<b>\$2,173,194</b>	<b>(F)</b>	<b>Total Operating Expenditure</b>	<b>\$33,677,644</b>	<b>\$33,677,644</b>	<b>\$0</b>	<b>(F)</b>

<b>\$1,359,657</b>	<b>\$898,181</b>	<b>\$461,476</b>	<b>(F)</b>	<b>OPERATING RESULT FROM NORMAL ACTIVITIES</b>	<b>\$2,215,307</b>	<b>\$2,215,307</b>	<b>\$0</b>	<b>(F)</b>
Surplus	Surplus				Surplus	Surplus		

Notes:

1. User Charges - include member Councils and casual users pertaining to waste, risk management and environmental services fees and charges;
2. Special Charges - Waste Education Levy;
3. Contributions - member Councils' contributions to projects and services;
4. Operating Grants - grant income predominantly from government agencies;
5. Other Operating Income - includes income from the sale of products; and
6. Miscellaneous Expenses - includes the landfill levy expense of \$4,432,190 as at 30 November 2016.

Operating Income and Expenditure relates to the ordinary operations of the organisation.

Other Revenues and Expenses relates to the Resource Recovery Project, interest from cash reserves and disposal of assets.

(F) denotes Favourable variance and (U) denotes Unfavourable variance



# STATEMENT OF COMPREHENSIVE INCOME

## Nature and Type

NOVEMBER 2016

Year to Date			Full Year					
Actual	Budget	Variance		Forecast	Budget	Variance		
<b>Other Revenues</b>								
\$826	\$0	\$826	(F)	User Charges	\$2,000,000	\$2,000,000	\$0	(F)
\$2,092,776	\$2,168,211	(\$75,435)	(U)	Secondary Waste Charge	\$5,248,490	\$5,248,490	\$0	(F)
\$0	\$0	\$0	(F)	Operating Grants	\$0	\$0	\$0	(F)
\$809,269	\$579,870	\$229,399	(F)	Interest Restricted Cash Investments	\$1,391,758	\$1,391,758	\$0	(F)
\$0	\$20	(\$20)	(U)	Reimbursements	\$50	\$50	\$0	(F)
\$75,000	\$75,500	(\$500)	(U)	Proceeds from Sale of Assets	\$280,707	\$280,707	\$0	(F)
\$9,416	\$0	\$9,416	(F)	Other	\$1,756,572	\$1,756,572	\$0	(F)
<b>\$2,987,287</b>	<b>\$2,823,601</b>	<b>\$163,686</b>	(F)	<b>Total Other Revenues</b>	<b>\$10,677,577</b>	<b>\$10,677,577</b>	<b>\$0</b>	<b>(F)</b>
<b>Other Expenses</b>								
\$106,502	\$243,850	\$137,348	(F)	Salary Expenses	\$879,747	\$879,747	\$0	(F)
\$247,856	\$305,810	\$57,954	(F)	Contract Expenses	\$1,115,345	\$1,115,345	\$0	(F)
\$7,277	\$11,461	\$4,184	(F)	Material Expenses	\$42,199	\$42,199	\$0	(F)
\$894	\$14,248	\$13,354	(F)	Utility Expenses	\$61,936	\$61,936	\$0	(F)
\$0	\$15,445	\$15,445	(F)	Fuel Expenses	\$139,002	\$139,002	\$0	(F)
\$4,892	\$2,497	(\$2,395)	(U)	Insurance Expenses	\$9,885	\$9,885	\$0	(F)
\$43,303	\$36,181	(\$7,122)	(U)	Depreciation Expenses	\$336,415	\$336,415	\$0	(F)
\$6,016	\$31,665	\$25,649	(F)	Miscellaneous Expenses	\$194,697	\$194,697	\$0	(F)
\$114,320	\$75,500	(\$38,820)	(U)	Carrying Amount of Assets Disposed Of	\$259,118	\$259,118	\$0	(F)
\$127,410	\$444,514	\$317,104	(F)	Costs Allocated	\$2,914,206	\$2,914,206	\$0	(F)
<b>\$658,469</b>	<b>\$1,181,171</b>	<b>\$522,702</b>	(F)	<b>Total Other Expenses</b>	<b>\$5,952,550</b>	<b>\$5,952,550</b>	<b>\$0</b>	<b>(F)</b>
<b>Realised/Unrealised (Gain)/Loss From Change in Fair Value of Investments</b>								
\$0	\$0	\$0	(F)	Unrealised (Gain)/Loss	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Realised (Gain)/Loss	\$0	\$0	\$0	(F)
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	(F)	<b>Total (Gain)/Loss from change in Fair Value of Investments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(F)</b>
<b>Revaluation of Assets</b>								
\$0	\$0	\$0	(F)	Revaluation of Assets	\$0	\$0	\$0	(F)
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	(F)	<b>Total Revaluation of Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(F)</b>
<b>\$2,328,818</b>	<b>\$1,642,430</b>	<b>\$686,388</b>	(F)	<b>OPERATING RESULT FROM OTHER ACTIVITIES</b>	<b>\$4,725,027</b>	<b>\$4,725,027</b>	<b>\$0</b>	<b>(F)</b>
Surplus	Surplus				Surplus	Surplus		
<b>\$3,688,476</b>	<b>\$2,540,611</b>	<b>\$1,147,865</b>	(F)	<b>CHANGE IN NET ASSETS FROM OPERATIONS</b>	<b>\$6,940,334</b>	<b>\$6,940,334</b>	<b>\$0</b>	<b>(F)</b>
Surplus	Surplus				Surplus	Surplus		



# CAPITAL EXPENDITURE STATEMENT

## NOVEMBER 2016

Year to Date				Full Year					
Actual	Budget	Variance		On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance	
<b>Governance and Corporate Services</b>									
\$28,254	\$29,000	\$746 (F)	\$0	Purchase Vehicles - Ascot Place ( 24440/00 )		\$226,473	\$226,473	\$0 (F)	
\$0	\$6,875	\$6,875 (F)	\$0	Purchase Furniture Fittings & Equipment - Corporate Services ( 24510/01 )		\$55,000	\$55,000	\$0 (F)	
\$57,465	\$58,000	\$535 (F)	\$0	Purchase Information Technology & Communication Equipment ( 24550/00 )		\$507,550	\$507,550	\$0 (F)	
\$0	\$0	\$0 (F)	\$0	Purchase Art Works ( 24620/00 )		\$30,000	\$30,000	\$0 (F)	
\$0	\$32,125	\$32,125 (F)	\$0	Capital Improvement Administration Building - Ascot Place ( 25240/01 )		\$257,000	\$257,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0	Upgrade Security Equipment - Ascot Place ( 25530/01 )		\$3,650	\$3,650	\$0 (F)	
<b>\$85,719</b>	<b>\$126,000</b>	<b>\$40,281 (F)</b>	<b>\$0</b>			<b>\$1,079,673</b>	<b>\$1,079,673</b>	<b>\$0 (F)</b>	



# CAPITAL EXPENDITURE STATEMENT

## NOVEMBER 2016

Year to Date			Full Year		
Actual	Budget	Variance	Forecast	Budget	Variance

On (F) = Favourable variation  
Order (U) = Unfavourable variation

### Resource Recovery

\$457,484	\$458,000	\$516 (F)	\$6,533	Construct and Commission Resource Recovery Park - C & I Building ( 24259/04 )	\$2,050,000	\$2,050,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Site/Administration Office ( 24259/07 )	\$165,000	\$165,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Community Reuse Store ( 24259/08 )	\$500,000	\$500,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - MRF Building - Hazelmere ( 24259/09 )	\$55,000	\$55,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Weighbridge Office ( 24259/12 )	\$70,000	\$70,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Site Workshop ( 24259/13 )	\$250,000	\$250,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Weighbridges (x2) ( 24392/02 )	\$225,000	\$225,000	\$0 (F)
\$1,595	\$1,500	(\$95) (U)	\$0	Resource Recovery Park - Fencing ( 24394/06 )	\$10,000	\$10,000	\$0 (F)
\$79,128	\$79,500	\$372 (F)	\$340,383	Construct and Commission Resource Recovery Park - Site Infrastructure ( 24399/01 )	\$2,560,000	\$2,560,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Resource Recovery Park - Reuse Store Infrastructure (Car Park) ( 24399/07 )	\$250,000	\$250,000	\$0 (F)
\$7,159	\$7,500	\$341 (F)	\$792,119	Wood Waste to Energy Utilities/Infrastructure - Resource Recovery Park ( 24399/11 )	\$1,400,000	\$1,400,000	\$0 (F)



# CAPITAL EXPENDITURE STATEMENT

## NOVEMBER 2016

Year to Date					Full Year		
Actual	Budget	Variance	On (F) = Favourable variation Order (U) = Unfavourable variation		Forecast	Budget	Variance
<b>Resource Recovery</b>							
\$0	\$0	\$0 (F)	\$0	Purchase Resource Recovery Park - Wood Waste to Energy Plant & Equipment ( 24410/03 )	\$2,743,633	\$2,743,633	\$0 (F)
\$953,581	\$954,000	\$419 (F)	\$0	Purchase Resource Recovery Park C & I Building - Plant & Equipment ( 24410/04 )	\$2,993,585	\$2,993,585	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Purchase Resource Recovery Park Transfer Station - Plant & Equipment ( 24410/05 )	\$300,000	\$300,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Purchase Other Equipment - Resource Recovery ( 24590/07 )	\$2,000	\$2,000	\$0 (F)
<b>\$1,498,948</b>	<b>\$1,500,500</b>	<b>\$1,552 (F)</b>	<b>\$1,139,035</b>		<b>\$13,574,218</b>	<b>\$13,574,218</b>	<b>\$0 (F)</b>

## Waste Management

\$0	\$0	\$0 (F)	\$0	Construct Waste Management Facility Buildings - Red Hill Landfill Facility ( 24250/01 )	\$25,000	\$25,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Storage Shed for Mattresses - Hazelmere ( 24250/05 )	\$63,000	\$63,000	\$0 (F)
\$3,906	\$4,000	\$94 (F)	\$50,677	Construct Class III Landfill Cell Farm Stage 3 - Red Hill Landfill Facility ( 24310/13 )	\$5,969,252	\$5,969,252	\$0 (F)
\$744	\$0	(\$744) (U)	\$0	Construct Class III Cell Stage 15 - Red Hill Landfill Facility ( 24310/16 )	\$0	\$0	\$0 (F)
\$8,778	\$9,000	\$222 (F)	\$47,000	Construct Class III Cell Stage 15B - Red Hill Landfill Facility ( 24310/18 )	\$1,670,000	\$1,670,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Class III Leachate Pond - Red Hill Landfill Facility ( 24320/01 )	\$600,000	\$600,000	\$0 (F)
\$10,836	\$11,000	\$164 (F)	\$51,259	Leachate Project - Red Hill Landfill Facility ( 24320/02 )	\$3,385,000	\$3,385,000	\$0 (F)



# CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2016

Year to Date			Full Year		
Actual	Budget	Variance	Forecast	Budget	Variance

On (F) = Favourable variation  
Order (U) = Unfavourable variation

## Waste Management

\$0	\$0	\$0 (F)	\$0	<b>Design and Construct Class IV Cell Stage 2 - Red Hill Landfill Facility ( 24330/04 )</b>	\$500,000	\$500,000	\$0 (F)
(\$16,250)	\$0	\$16,250 (F)	\$1,340	<b>Construct Stormwater and Siltation Ponds - Red Hill Landfill Facility ( 24350/01 )</b>	\$175,804	\$175,804	\$0 (F)
\$24,069	\$30,000	\$5,931 (F)	\$3,335	<b>Construct Roads / Carparks - Red Hill Landfill Facility ( 24370/00 )</b>	\$271,000	\$271,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Construct Access Road to Lots 8 9 10 - Red Hill Landfill Facility ( 24370/02 )</b>	\$475,000	\$475,000	\$0 (F)
\$22,770	\$0	(\$22,770) (U)	\$0	<b>Construct Drainage Diversion and Earthworks Infrastructures - Red Hill Landfill Facility ( 24380/00 )</b>	\$0	\$0	\$0 (F)
\$33,021	\$35,000	\$1,980 (F)	\$27,640	<b>Construct Hardstand and Road - Hazelmere ( 24395/01 )</b>	\$114,000	\$114,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Construct Monitoring Bores - Red Hill Landfill Facility ( 24396/00 )</b>	\$60,000	\$60,000	\$0 (F)
\$50,292	\$0	(\$50,292) (U)	\$0	<b>Washdown bay Upgrade - Red Hill Landfill Facility ( 24399/04 )</b>	\$0	\$0	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Truck Washdown Bay for Member Councils - Red Hill Landfill Facility ( 24399/05 )</b>	\$30,000	\$30,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Construct Storage Bunkers for Wood Fines (QA process) - Hazelmere ( 24399/09 )</b>	\$500,000	\$500,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Workshop No 2 Washdown Bay - Red Hill Landfill Facility ( 24399/13 )</b>	\$40,000	\$40,000	\$0 (F)
\$1,371,237	\$1,425,000	\$53,763 (F)	\$9,390	<b>Purchase / Replace Plant - Red Hill Landfill Facility ( 24410/00 )</b>	\$2,635,000	\$2,635,000	\$0 (F)
\$8,236	\$8,000	(\$236) (U)	\$194,500	<b>Purchase / Replace Plant - Hazelmere ( 24410/01 )</b>	\$1,830,000	\$1,830,000	\$0 (F)



# CAPITAL EXPENDITURE STATEMENT

## NOVEMBER 2016

Year to Date			Full Year		
Actual	Budget	Variance	Forecast	Budget	Variance

On (F) = Favourable variation  
Order (U) = Unfavourable variation

### Waste Management

\$1,851	\$2,000	\$149 (F)	\$0	<b>Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility ( 24420/00 )</b>	\$150,000	\$150,000	\$0 (F)
\$0	\$0	\$0 (F)	\$4,986	<b>Purchase / Replace Minor Plant and Equipment - Hazelmere ( 24420/02 )</b>	\$10,000	\$10,000	\$0 (F)
\$66,089	\$70,141	\$4,052 (F)	\$0	<b>Purchase / Replace Vehicles - Red Hill Landfill Facility ( 24430/00 )</b>	\$70,141	\$70,141	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase / Replace Office Equipment - Engineering / Waste Management ( 24510/02 )</b>	\$550	\$550	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase / Replace Office Equipment - Red Hill Landfill Facility ( 24510/08 )</b>	\$4,000	\$4,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase Fire Fighting System/Equipment - Hazelmere ( 24520/07 )</b>	\$10,000	\$10,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase / Replace Fire Fighting Equipment - Red Hill Landfill Facility ( 24520/08 )</b>	\$1,000	\$1,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase / Replace Security System - Red Hill Waste Management Facility ( 24530/08 )</b>	\$37,500	\$37,500	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase / Replace Security System - Hazelmere ( 24530/10 )</b>	\$60,000	\$60,000	\$0 (F)
\$0	\$0	\$0 (F)	\$2,736	<b>Purchase / Replace Other Equipment - Red Hill Landfill Facility ( 24590/00 )</b>	\$69,000	\$69,000	\$0 (F)
\$1,067	\$1,500	\$433 (F)	\$0	<b>Purchase / Replace Miscellaneous Equipment - Hazelmere ( 24590/02 )</b>	\$6,000	\$6,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	<b>Purchase/Replace Other Equipment - Engineering and Waste Management ( 24590/03 )</b>	\$2,000	\$2,000	\$0 (F)



# CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2016

Year to Date					Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance

## Waste Management

\$0	\$0	\$0 (F)	\$0	Purchase Office Furniture and Fittings-Engineering and Waste Management ( 24610/03 )	\$500	\$500	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Purchase / Replace Office Furniture and Fittings - Red Hill Landfill Facility ( 24610/08 )	\$3,000	\$3,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Purchase Office Furniture and Fittings-Hazelmere ( 24610/10 )	\$2,000	\$2,000	\$0 (F)
\$5,543	\$3,000	(\$2,543) (U)	\$0	Purchase Miscellaneous Furniture and Fittings - Red Hill Education Programme ( 24690/01 )	\$3,000	\$3,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Environmental Education Centre - Redhill Landfill Facility ( 25253/00 )	\$5,000	\$5,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Waste Transfer Station Building - Red Hill Landfill Facility ( 25259/01 )	\$140,000	\$140,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Plant - Red Hill Landfill Facility ( 25410/00 )	\$10,000	\$10,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Plant - Hazelmere ( 25410/01 )	\$40,000	\$40,000	\$0 (F)
<b>\$1,592,189</b>	<b>\$1,598,641</b>	<b>\$6,452 (F)</b>	<b>\$392,862</b>		<b>\$18,966,747</b>	<b>\$18,966,747</b>	<b>\$0 (F)</b>
<b>\$3,176,856</b>	<b>\$3,225,141</b>	<b>\$48,285 (F)</b>	<b>\$1,531,897</b>	<b>TOTAL CAPITAL EXPENDITURE</b>	<b>\$33,620,638</b>	<b>\$33,620,638</b>	<b>\$0 (F)</b>





# STATEMENT OF FINANCIAL POSITION

## NOVEMBER 2016

Actual June 2016	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year		
			Forecast	Budget	Variance
<b>Current Assets</b>					
\$4,020,828	\$2,802,778	Cash and Cash Equivalents	\$3,000,831	\$3,000,831	\$0 (F)
\$83,114,647	\$84,487,106	Investments	\$64,311,405	\$64,311,405	\$0 (F)
\$3,267,011	\$2,622,872	Trade and Other Receivables	\$3,267,011	\$3,267,011	\$0 (F)
\$27,842	\$31,026	Inventories	\$27,842	\$27,842	\$0 (F)
\$85,059	\$326,270	Other Assets	\$85,059	\$85,059	\$0 (F)
<b>\$90,515,387</b>	<b>\$90,270,052</b>	<b>Total Current Assets</b>	<b>\$70,692,148</b>	<b>\$70,692,148</b>	<b>\$0 (F)</b>
<b>Current Liabilities</b>					
\$5,889,919	\$2,853,165	Trade and Other Payables	\$5,889,919	\$5,889,919	\$0 (F)
\$1,371,378	\$1,371,378	Provisions	\$1,399,359	\$1,399,359	\$0 (F)
<b>\$7,261,297</b>	<b>\$4,224,543</b>	<b>Total Current Liabilities</b>	<b>\$7,289,278</b>	<b>\$7,289,278</b>	<b>\$0 (F)</b>
<b>\$83,254,090</b>	<b>\$86,045,509</b>	<b>Net Current Assets</b>	<b>\$63,402,870</b>	<b>\$63,402,870</b>	<b>\$0 (F)</b>
<b>Non Current Assets</b>					
\$48,504,912	\$48,504,912	Land	\$48,504,912	\$48,504,912	\$0 (F)
\$5,477,919	\$7,046,262	Buildings	\$8,891,489	\$8,891,489	\$0 (F)
\$14,328,901	\$13,538,084	Structures	\$29,364,583	\$29,364,583	\$0 (F)
\$10,776,173	\$12,672,606	Plant	\$18,965,593	\$18,965,593	\$0 (F)
\$658,760	\$664,992	Equipment	\$999,639	\$999,639	\$0 (F)
\$161,845	\$163,856	Furniture and Fittings	\$193,812	\$193,812	\$0 (F)
\$7,860,423	\$6,161,191	Work in Progress	\$7,860,423	\$7,860,423	\$0 (F)
<b>\$87,768,933</b>	<b>\$88,751,904</b>	<b>Total Non Current Assets</b>	<b>\$114,780,451</b>	<b>\$114,780,451</b>	<b>\$0 (F)</b>
<b>Non Current Liabilities</b>					
\$7,407,046	\$7,492,960	Provisions	\$7,627,010	\$7,627,010	\$0 (F)
<b>\$7,407,046</b>	<b>\$7,492,960</b>	<b>Total Non Current Liabilities</b>	<b>\$7,627,010</b>	<b>\$7,627,010</b>	<b>\$0 (F)</b>
<b>\$163,615,977</b>	<b>\$167,304,453</b>	<b>Net Assets</b>	<b>\$170,556,311</b>	<b>\$170,556,311</b>	<b>\$0 (F)</b>
<b>Equity</b>					
\$60,214,225	\$60,214,225	Accumulated Surplus/Deficit	\$60,214,225	\$60,214,225	\$0 (F)
\$62,674,377	\$62,674,377	Cash Backed Reserves	\$62,674,377	\$62,674,377	\$0 (F)
\$40,727,375	\$40,727,375	Asset Revaluation Reserve	\$40,727,375	\$40,727,375	\$0 (F)
<b>\$0</b>	<b>\$3,688,476</b>	<b>Net change in assets from operations</b>	<b>\$6,940,334</b>	<b>\$6,940,334</b>	<b>\$0 (F)</b>
<b>\$163,615,977</b>	<b>\$167,304,453</b>	<b>Total Equity</b>	<b>\$170,556,311</b>	<b>\$170,556,311</b>	<b>\$0 (F)</b>



# CASH AND INVESTMENTS

## NOVEMBER 2016

Actual June 2016	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year		
			Forecast	Budget	Variance
<b>Municipal Cash and Investments</b>					
4,017,378	2,799,328	Cash at Bank - Municipal Fund 01001/00	2,997,381	2,997,381	0 (F)
1,250	1,250	Cash on Hand - Ascot Place 01019/00	1,250	1,250	0 (F)
400	400	Cash on Hand - Walliston/Mathieson & Coppin Road Transfer Stations 01019/01	400	400	0 (F)
1,800	1,800	Cash on Hand - Red Hill / Hazelmere 01019/02	1,800	1,800	0 (F)
20,288,309	20,851,498	Investments - Municipal Fund 02021/00	15,370,377	15,370,377	0 (F)
<b>24,309,136</b>	<b>23,654,275</b>	<b>Total Municipal Cash</b>	<b>18,371,207</b>	<b>18,371,207</b>	<b>0 (F)</b>
<b>Restricted Cash and Investments</b>					
510,804	518,780	Restricted Investments - Plant and Equipment 02022/01	293,631	293,631	0 (F)
2,132,389	2,165,688	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	2,324,756	2,324,756	0 (F)
6,063,056	6,157,737	Restricted Investments - Future Development 02022/03	47,737	47,737	0 (F)
788,213	800,522	Restricted Investments - Environmental Monitoring Red Hill 02022/04	893,298	893,298	0 (F)
40,514	41,147	Restricted Investments - Environmental Insurance Red Hill 02022/05	1,047	1,047	0 (F)
13,973	14,192	Restricted Investments - Risk Management 02022/06	14,332	14,332	0 (F)
544,803	553,311	Restricted Investments - Class IV Cells Red Hill 02022/07	87,660	87,660	0 (F)
359,102	364,709	Restricted Investments - Regional Development 02022/08	598,753	598,753	0 (F)
46,773,843	47,504,269	Restricted Investments - Secondary Waste Processing 02022/09	37,546,295	37,546,295	0 (F)
4,554,958	4,626,089	Restricted Investments - Class III Cells 02022/10	6,044,704	6,044,704	0 (F)
70,552	71,654	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	72,363	72,363	0 (F)
151,961	(17,499)	Restricted Investments - Accrued Interest 02022/19	151,961	151,961	0 (F)
0	0	Restricted Investments - Unrealised Loss/Gain on Investments 02022/20	0	0	0 (F)
822,170	835,009	Restricted Investments - Long Service Leave 02022/90	864,491	864,491	0 (F)
<b>62,826,339</b>	<b>63,635,608</b>	<b>Total Restricted Cash</b>	<b>48,941,029</b>	<b>48,941,029</b>	<b>0 (F)</b>
<b>87,135,475</b>	<b>87,289,883</b>	<b>TOTAL CASH AND INVESTMENTS</b>	<b>67,312,236</b>	<b>67,312,236</b>	<b>0 (F)</b>

The Cash at Bank - Municipal Fund represents the balance on the last day of the relevant month. Any portion of the balance available for investment is transferred into the Investment - Municipal Fund account in the following period. Funds held in the Cash at Bank - Municipal Fund continue to accrue interest as per the Westpac commercial rates.

I. Overall Portfolio Limits			
S&P Long Term Rating	S&P Short Term Rating	Investment Maximum %	% Portfolio
AAA	A-1+	100%	92.83%
AA	A-1	100%	7.17%
			100.00%

**Investment by S&P Rating**

S&P Rating	Percentage
A-1+	92.83%
A-1	7.17%

II. Single Entity Exposure	
Entity	% Portfolio
AMP	5.97%
ANZ Banking Group	33.44%
NAB	19.38%
Suncorp	1.19%
Westpac / St. George Bank	40.01%
<b>100.00%</b>	

III. Term to Maturity Framework		
Maturity Profile	% Portfolio	Investment Policy Guidelines
Less Than 1 Year	100.00%	% Min
Greater Than 1 Year	0.00%	% Max
<b>100.00%</b>		

NB: This report is consistent with the reporting requirements of the Policy 3.3 - Management of Investments Policy



## 14.3 FINANCIAL REPORT FOR PERIOD ENDED 31 DECEMBER 2016

REFERENCE: D2017/00405

### PURPOSE OF REPORT

The purpose of this report is to provide Council with an overview of the EMRC's financial performance for the period ended 31 December 2016.

### KEY ISSUES AND RECOMMENDATION(S)

- Significant year to date budget variances greater than 10% or \$20,000, whichever is the greater, within each nature and type category on the Statement of Financial Activity as at 31 December 2016 have been identified and are reported on in the body of the report.

#### Recommendation(s)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 31 December 2016.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

It is a requirement of the *Local Government (Financial Management) Regulations 1996* (r.34) that a Local Government is to prepare and present to Council financial reports in such a form as the Local Government considers to be appropriate.

The 2016/2017 Budget was presented in a format that separated operating income and expenditure from other revenue and expenses to provide improved disclosure of Council's underlying operating result.

Submitted to each meeting of Council is a financial report and summaries which provide an overview of year to date budget performance for operating activities and capital works. Variances greater than 10% or \$20,000, whichever is the greater, within each nature and type category on the Statement of Comprehensive Income are reported on in the body of the report. Also included are end of year forecasts by nature and type for operating activities and end of year forecasts for each capital works project. These forecasts are reviewed regularly in order to provide an accurate forecast of the end of year result.

### REPORT

Outlined below is commentary pertaining to variances on the financial statements for the period ended 31 December 2016. Where possible the year to date monthly budget allocations will be reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. This will provide a better comparison between the year to date actual and year to date budget figures.

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*Item 14.3 continued*

### **Statement of Comprehensive Income - Nature and Type (refer Attachment 1)**

The year to date operating result from normal activities as at 31 December 2016 is a favourable variance of \$577,803 (61.55%) against budget. The following information is provided on key aspects of Council's year to date financial performance:

<b><u>Operating Income</u></b>	<i>Actuals for the Year</i>	An unfavourable variance of \$2,308,773 (12.86%).
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

#### Operating Income variances previously reported to Council:

1. Year to date User Charges of \$13,135,682 is \$2,356,120 (15.21%) below the budget of \$15,491,802. This is due to the lower than budget tonnages received from commercial operators as at 31 December 2016.
2. Year to date Interest Municipal Cash Investments of \$286,963 is \$181,963 (173.30%) above the budget of \$105,000. This is attributable to the higher level of funds available as at 30 June 2016 compared to budget together with a higher average interest rate received (2.96%) compared to the budgeted rate (2.53%).
3. Year to date Other Income of \$948,652 is \$125,798 (11.71%) below the budget of \$1,074,450. This is mainly attributable to a lower level of Greenwaste product sales (\$41,007 compared to a budget of \$119,760) and a lower level of woodwaste product sales (\$385,091 compared to a budget of \$492,292). This is partially offset by higher sales of laterite (\$179,409 compared to a budget of \$152,178) and higher royalty receipts for the sale of methane gas (\$201,026 compared to a budget of \$116,205).

There were no further significant Operating Income variances as at 31 December 2016.

<b><u>Operating Expenditure</u></b>	<i>Actuals for the Year</i>	A favourable variance of \$2,886,576 (16.96%).
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

#### Operating Expenditure variances previously reported to Council:

1. Year to date Contract Expenses of \$1,485,079 is \$1,549,194 (51.06%) below the budget of \$3,034,273 due to the timing of various projects from different business units. Major variances from the Waste Services directorate include:
  - Operate and Maintain Class IV Cell - Leachate Removal - \$375,000;
  - Monitor Environmental Impacts - \$214,657;
  - Crush and Screen Lateritic Caprock - \$190,664;
  - Rehabilitate Class III Cells - Red Hill Landfill Facility - \$175,082;
  - Manage Greenwaste Mulching - Red Hill Landfill Facility - \$45,946; and
  - Operate and Maintain Plant - Waste Management Facilities - \$44,966.

Other projects where the expenditures are lower than budget for various directorates/business units include: Corporate Services (\$265,019), Environmental Services (\$151,457) and Regional Development (\$74,846).



*Item 14.3 continued*

2. Year to date Fuel Expenses of \$283,591 is \$33,473 (10.56%) below the budget of \$317,064. The variance is primarily attributable to the lower level of diesel fuel used by plant as a result of lower than budgeted tonnages received to date as well as a lower than budgeted unit price of diesel fuel.
3. Year to date Depreciation Expenses of \$2,437,907 is \$442,711 (15.37%) below the year to date budget provision of \$2,880,618. The variance is attributable to the lower level of commercial tonnages received to date resulting in lower Class III cell air space consumed (\$1,193,641 compared to a year to date budget of \$1,339,818), the lower level of capital expenditure to date and changes to the asset life of the EMRC's plant and equipment class of assets in accordance with accounting standards as a result of the 3 year asset revaluation cycle.
4. Year to date Miscellaneous Expenses of \$5,620,990 is \$933,715 (14.24%) below the year to date budget provision of \$6,554,705. The variance is attributable predominantly to the lower level of commercial tonnages received to date resulting in a lower Landfill Levy payable (\$5,236,404 compared to a year to date budget of \$5,909,658).
5. Year to date Costs Allocated of \$245,213 is \$613,246 (71.44%) below the budget of \$858,459. This variance relates specifically to the timing of internal costs allocated between the Hazelmere Resource Recovery Park projects and the Red Hill Landfill Facility Class III cell. This variance is predominantly offset against Costs Allocated (Other Expenses).

Operating Expenditure variances not previously reported to Council:

1. Year to date Salary Expenses of \$3,724,458 is \$539,052 (12.64%) lower than the budget of \$4,263,510. This variance is attributable to vacant positions and budgeted positions yet to be filled.

There were no further significant Operating Expenditure variances as at 31 December 2016.

<b>*Other Revenues and Expenses (Net)</b>	<i>Actuals for the Year</i>	A favourable variance of \$1,124,146 (59.82%).
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

Other Revenues and Expenses variances previously reported to Council:

1. Year to date Interest on Restricted Cash Investments of \$957,626 is \$261,782 (37.62%) above the budget of \$695,844. This is attributable to the higher level of funds available during this period compared to budget together with a higher average interest rate received (2.96%) compared to the budgeted rate (2.53%).
2. Year to date Salary Expenses of \$136,484 is \$205,472 (60.09%) below the year to date budget of \$341,956. The variance is due to the timing of the C & I and Wood Waste to Energy projects.
3. Year to date Contract Expenses of \$253,258 is \$149,501 (37.12%) below the budget of \$402,759. The variance is due to the timing of the various Resource Recovery projects and the associated consultancy expenditure.
4. Year to date Miscellaneous Expenses of \$9,733 is \$33,298 (77.38%) below the budget of \$43,031. The variance is due to the timing of the various Resource Recovery projects and the associated expenditures.
5. Carrying Amount of Assets Disposed Of totalling \$270,240 is \$94,740 (53.98%) above the year to date budget of \$175,500. The variance relates to the write-off of the old mattress shed located at the Hazelmere Resource Recovery Park that was removed in order for the C & I building to be constructed together with additional plant disposals compared to budget.



*Item 14.3 continued*

6. Year to date Costs Allocated of \$179,673 is \$615,984 (77.42%) below the budget of \$795,657. This variance relates specifically to the timing of internal costs allocated between the Hazelmere Resource Recovery Park projects and the Red Hill Landfill Facility Class III cell. This variance is predominantly offset against Costs Allocated (Operating Expenditure).

Other Revenues and Expenses variances not previously reported to Council:

7. Year to date User Charges of \$42,002 is \$207,998 (83.20%) below the year to date budget of \$250,000. The variance is due to the timing of the C & I and Wood Waste to Energy projects.
8. Year to date Reimbursement Income of \$209,775 is above the annual budget of \$50 and represents an unbudgeted reimbursement associated with the Resource Recovery project.
9. Year to date Proceeds from the Sale of Assets of \$211,600 is \$36,100 (20.57%) above the budget of \$175,500. The variance is due to additional plant disposals compared to budget.
10. Year to date Utility Expenses of \$905 is \$20,155 (95.70%) below the year to date budget of \$21,060. The variance is due to the timing of the various Resource Recovery projects.

There were no further significant Other Revenues and Expenses variances as at 31 December 2016.

**Capital Expenditure Statement (refer Attachment 2)**

<b><u>Capital Expenditure</u></b>	<i>Actuals for the Year</i>	A favourable variance of \$522,523.
	<i>End of Year Forecast</i>	As per budget - not yet due to be reviewed.

Capital Expenditure variances:

A favourable variance of \$522,523 existed as at 31 December 2016 when compared to the year to date budget of \$3,923,641. The year to date budget provisions are used as a guide only as expenditure of a capital nature is undertaken as and when required.

Major capital expenditure to 31 December 2016 includes:

- Purchase / Replace Plant - Red Hill Landfill Facility - \$1,371,237;
- Purchase RRP C & I Building - Plant & Equipment - \$960,481;
- Construct and commission RRP - C & I Building - \$478,621;
- Purchase Plant for Leachate project - Red Hill Landfill Facility - \$105,156;
- Purchase Vehicles - Ascot Place and Red Hill Landfill Facility - \$94,343;
- Construct and commission RRP - Site Infrastructure - \$91,774;
- Purchase IT & Communications Equipment - \$60,776;
- Purchase / Replace Plant - Hazelmere - \$60,375; and
- Wash-down bay upgrade - Red Hill Landfill Facility - \$50,292.



*Item 14.3 continued*

### **Statement of Financial Position (refer Attachment 3)**

The Statement of Financial Position shows the overall impact of actual balances compared with budget provisions and end of year forecasts for operating and capital works activities.

Total Equity as at 31 December 2016 is \$168,135,783. This is an increase of \$4,519,806 from the 30 June 2016 equity of \$163,615,977 and represents the net change in assets from operations.

As end of year forecasts are yet to be reviewed, the forecast balances as at 31 December 2016 are as per the budget estimates.

### **Statement of Cash and Investments (refer Attachment 4)**

The level of cash and investments in the Municipal Fund as at 31 December 2016 is \$25,318,655 and Restricted Cash amount to \$63,783,965.

The net movement for the month is an increase of \$1,812,737.

As end of year forecasts are yet to be reviewed, the forecast balances as at 31 December 2016 are as per the budget estimates.

### **Investment Report (refer Attachment 5)**

Term deposits valued at \$9,000,000 matured during December 2016. These amounts were invested into further term deposits together with additional surplus funds.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 - Good Governance

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

## **FINANCIAL IMPLICATIONS**

As outlined within the report and attachments.

## **SUSTAINABILITY IMPLICATIONS**

Nil

## **ATTACHMENT(S)**

1. Statement of Comprehensive Income by Nature and Type (Ref: D2017/01570)
2. Capital Expenditure Statement (Ref: D2017/01571)
3. Statement of Financial Position (Ref: D2017/01572)
4. Statement of Cash and Investments (Ref: D2017/01573)
5. Investment Report (Ref: D2017/01574)

## **VOTING REQUIREMENT**

Simple Majority

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*Item 14.3 continued*

**RECOMMENDATION(S)**

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 31 December 2016.

**COUNCIL RESOLUTION(S)**

MOVED CR STALLARD

SECONDED CR WOLFF

THAT COUNCIL RECEIVES THE STATEMENT OF COMPREHENSIVE INCOME, CAPITAL EXPENDITURE STATEMENT, STATEMENT OF FINANCIAL POSITION, STATEMENT OF CASH AND INVESTMENTS AND THE INVESTMENT REPORT FOR THE PERIOD ENDED 31 DECEMBER 2016.

**CARRIED UNANIMOUSLY**

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## STATEMENT OF COMPREHENSIVE INCOME

### Nature and Type

Year to Date			DECEMBER 2016			Full Year		
Actual	Budget	Variance		Forecast	Budget	Variance		
<b>Operating Income</b>								
\$13,135,682	\$15,491,802	(\$2,356,120)	(U)	User Charges	\$30,959,710	\$30,959,710	\$0	(F)
\$228,842	\$230,668	(\$1,826)	(U)	Special Charges	\$460,602	\$460,602	\$0	(F)
\$473,886	\$485,756	(\$11,870)	(U)	Contributions	\$529,323	\$529,323	\$0	(F)
\$185,160	\$188,500	(\$3,340)	(U)	Operating Grants	\$650,662	\$650,662	\$0	(F)
\$286,963	\$105,000	\$181,963	(F)	Interest Municipal Cash Investments	\$210,000	\$210,000	\$0	(F)
\$388,536	\$380,318	\$8,218	(F)	Reimbursements	\$701,202	\$701,202	\$0	(F)
\$948,652	\$1,074,450	(\$125,798)	(U)	Other	\$2,381,452	\$2,381,452	\$0	(F)
<b>\$15,647,721</b>	<b>\$17,956,494</b>	<b>(\$2,308,773)</b>	<b>(U)</b>	<b>Total Operating Income</b>	<b>\$35,892,951</b>	<b>\$35,892,951</b>	<b>\$0</b>	<b>(F)</b>
<b>Operating Expenditure</b>								
\$3,724,458	\$4,263,510	\$539,052	(F)	Salary Expenses	\$8,997,886	\$8,997,886	\$0	(F)
\$1,485,079	\$3,034,273	\$1,549,194	(F)	Contract Expenses	\$6,131,460	\$6,131,460	\$0	(F)
\$399,311	\$398,712	(\$599)	(U)	Material Expenses	\$921,693	\$921,693	\$0	(F)
\$168,259	\$157,862	(\$10,397)	(U)	Utility Expenses	\$299,728	\$299,728	\$0	(F)
\$283,591	\$317,064	\$33,473	(F)	Fuel Expenses	\$634,241	\$634,241	\$0	(F)
\$9,998	\$11,448	\$1,450	(F)	Finance Fees and Interest Expenses	\$22,900	\$22,900	\$0	(F)
\$145,296	\$148,054	\$2,758	(F)	Insurance Expenses	\$280,005	\$280,005	\$0	(F)
\$2,437,907	\$2,880,618	\$442,711	(F)	Depreciation Expenses	\$6,013,588	\$6,013,588	\$0	(F)
\$5,620,990	\$6,554,705	\$933,715	(F)	Miscellaneous Expenses	\$13,121,385	\$13,121,385	\$0	(F)
\$101,503	\$109,968	\$8,465	(F)	Provision Expenses	\$219,964	\$219,964	\$0	(F)
(\$245,213)	(\$858,459)	(\$613,246)	(U)	Costs Allocated	(\$2,965,206)	(\$2,965,206)	\$0	(F)
<b>\$14,131,179</b>	<b>\$17,017,755</b>	<b>\$2,886,576</b>	<b>(F)</b>	<b>Total Operating Expenditure</b>	<b>\$33,677,644</b>	<b>\$33,677,644</b>	<b>\$0</b>	<b>(F)</b>
<b>\$1,516,542</b>	<b>\$938,739</b>	<b>\$577,803</b>	<b>(F)</b>	<b>OPERATING RESULT FROM NORMAL ACTIVITIES</b>	<b>\$2,215,307</b>	<b>\$2,215,307</b>	<b>\$0</b>	<b>(F)</b>
Surplus	Surplus				Surplus	Surplus		

## Notes:

1. User Charges - include member Councils and casual users pertaining to waste, risk management and environmental services fees and charges;
2. Special Charges - Waste Education Levy;
3. Contributions - member Councils' contributions to projects and services;
4. Operating Grants - grant income predominantly from government agencies;
5. Other Operating Income - includes income from the sale of products; and
6. Miscellaneous Expenses - includes the landfill levy expense of \$5,236,404 as at 31 December 2016.

Operating Income and Expenditure relates to the ordinary operations of the organisation.

Other Revenues and Expenses relates to the Resource Recovery Project, interest from cash reserves and disposal of assets.

(F) denotes Favourable variance and (U) denotes Unfavourable variance



# STATEMENT OF COMPREHENSIVE INCOME

## Nature and Type

DECEMBER 2016

Year to Date			Full Year		
Actual	Budget	Variance	Forecast	Budget	Variance
<b>Other Revenues</b>					
\$42,002	\$250,000	(\$207,998)	(U)	User Charges	\$2,000,000 \$2,000,000 \$0 (F)
\$2,492,290	\$2,627,954	(\$135,664)	(U)	Secondary Waste Charge	\$5,248,490 \$5,248,490 \$0 (F)
\$0	\$0	\$0	(F)	Operating Grants	\$0 \$0 \$0 (F)
\$957,626	\$695,844	\$261,782	(F)	Interest Restricted Cash Investments	\$1,391,758 \$1,391,758 \$0 (F)
\$209,775	\$50	\$209,725	(F)	Reimbursements	\$50 \$50 \$0 (F)
\$211,600	\$175,500	\$36,100	(F)	Proceeds from Sale of Assets	\$280,707 \$280,707 \$0 (F)
\$10,212	\$1,000	\$9,212	(F)	Other	\$1,756,572 \$1,756,572 \$0 (F)
<b>\$3,923,506</b>	<b>\$3,750,348</b>	<b>\$173,158</b>	(F)	<b>Total Other Revenues</b>	<b>\$10,677,577 \$10,677,577 \$0 (F)</b>
<b>Other Expenses</b>					
\$136,484	\$341,956	\$205,472	(F)	Salary Expenses	\$879,747 \$879,747 \$0 (F)
\$253,258	\$402,759	\$149,501	(F)	Contract Expenses	\$1,115,345 \$1,115,345 \$0 (F)
\$9,397	\$15,843	\$6,446	(F)	Material Expenses	\$42,199 \$42,199 \$0 (F)
\$905	\$21,060	\$20,155	(F)	Utility Expenses	\$61,936 \$61,936 \$0 (F)
\$137	\$150	\$13	(F)	Fuel Expenses	\$139,002 \$139,002 \$0 (F)
\$5,870	\$3,552	(\$2,318)	(U)	Insurance Expenses	\$9,885 \$9,885 \$0 (F)
\$54,545	\$71,722	\$17,177	(F)	Depreciation Expenses	\$336,415 \$336,415 \$0 (F)
\$9,733	\$43,031	\$33,298	(F)	Miscellaneous Expenses	\$194,697 \$194,697 \$0 (F)
\$270,240	\$175,500	(\$94,740)	(U)	Carrying Amount of Assets Disposed Of	\$259,118 \$259,118 \$0 (F)
\$179,673	\$795,657	\$615,984	(F)	Costs Allocated	\$2,914,206 \$2,914,206 \$0 (F)
<b>\$920,242</b>	<b>\$1,871,230</b>	<b>\$950,988</b>	(F)	<b>Total Other Expenses</b>	<b>\$5,952,550 \$5,952,550 \$0 (F)</b>
<b>Realised/Unrealised (Gain)/Loss From Change in Fair Value of Investments</b>					
\$0	\$0	\$0	(F)	Unrealised (Gain)/Loss	\$0 \$0 \$0 (F)
\$0	\$0	\$0	(F)	Realised (Gain)/Loss	\$0 \$0 \$0 (F)
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	(F)	<b>Total (Gain)/Loss from change in Fair Value of Investments</b>	<b>\$0 \$0 \$0 (F)</b>
<b>Revaluation of Assets</b>					
\$0	\$0	\$0	(F)	Revaluation of Assets	\$0 \$0 \$0 (F)
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	(F)	<b>Total Revaluation of Assets</b>	<b>\$0 \$0 \$0 (F)</b>
<b>\$3,003,264</b>	<b>\$1,879,118</b>	<b>\$1,124,146</b>	(F)	<b>OPERATING RESULT FROM OTHER ACTIVITIES</b>	<b>\$4,725,027 \$4,725,027 \$0 (F)</b>
Surplus	Surplus				Surplus Surplus
<b>\$4,519,806</b>	<b>\$2,817,857</b>	<b>\$1,701,949</b>	(F)	<b>CHANGE IN NET ASSETS FROM OPERATIONS</b>	<b>\$6,940,334 \$6,940,334 \$0 (F)</b>
Surplus	Surplus				Surplus Surplus

## CAPITAL EXPENDITURE STATEMENT

### DECEMBER 2016

Year to Date						Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation		Forecast	Budget	Variance
<b>Governance and Corporate Services</b>								
\$28,254	\$29,000	\$746 (F)	\$0		<b>Purchase Vehicles - Ascot Place</b> ( 24440/00 )	\$226,473	\$226,473	\$0 (F)
\$0	\$13,750	\$13,750 (F)	\$0		<b>Purchase Furniture Fittings &amp; Equipment - Corporate Services</b> ( 24510/01 )	\$55,000	\$55,000	\$0 (F)
\$60,776	\$80,000	\$19,224 (F)	\$0		<b>Purchase Information Technology &amp; Communication Equipment</b> ( 24550/00 )	\$507,550	\$507,550	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Purchase Art Works</b> ( 24620/00 )	\$30,000	\$30,000	\$0 (F)
\$0	\$64,250	\$64,250 (F)	\$0		<b>Capital Improvement Administration Building - Ascot Place</b> ( 25240/01 )	\$257,000	\$257,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Upgrade Security Equipment - Ascot Place</b> ( 25530/01 )	\$3,650	\$3,650	\$0 (F)
<b>\$89,030</b>	<b>\$187,000</b>	<b>\$97,970 (F)</b>	<b>\$0</b>			<b>\$1,079,673</b>	<b>\$1,079,673</b>	<b>\$0 (F)</b>

# CAPITAL EXPENDITURE STATEMENT

## DECEMBER 2016

Year to Date					Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance

### Resource Recovery

\$478,621	\$508,000	\$29,379 (F)	\$2,660		<b>Construct and Commission Resource Recovery Park - C &amp; I Building</b> ( 24259/04 )	\$2,050,000	\$2,050,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - Site/Administration Office</b> ( 24259/07 )	\$165,000	\$165,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - Community Reuse Store</b> ( 24259/08 )	\$500,000	\$500,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - MRF Building - Hazelmere</b> ( 24259/09 )	\$55,000	\$55,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - Weighbridge Office</b> ( 24259/12 )	\$70,000	\$70,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - Site Workshop</b> ( 24259/13 )	\$250,000	\$250,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct and Commission Resource Recovery Park - Weighbridges (x2)</b> ( 24392/02 )	\$225,000	\$225,000	\$0 (F)
\$3,732	\$10,000	\$6,268 (F)	\$0		<b>Resource Recovery Park - Fencing</b> ( 24394/06 )	\$10,000	\$10,000	\$0 (F)
\$91,774	\$129,500	\$37,726 (F)	\$310,382		<b>Construct and Commission Resource Recovery Park - Site Infrastructure</b> ( 24399/01 )	\$2,560,000	\$2,560,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		<b>Construct Resource Recovery Park - Reuse Store Infrastructure (Car Park)</b> ( 24399/07 )	\$250,000	\$250,000	\$0 (F)
\$9,679	\$37,500	\$27,821 (F)	\$792,119		<b>Wood Waste to Energy Utilities/Infrastructure - Resource Recovery Park</b> ( 24399/11 )	\$1,400,000	\$1,400,000	\$0 (F)

# CAPITAL EXPENDITURE STATEMENT

## DECEMBER 2016

Year to Date					Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance
<b>Resource Recovery</b>							
\$0	\$0	\$0 (F)	\$0		\$2,743,633	\$2,743,633	\$0 (F)
\$960,481	\$954,000	(\$6,481) (U)	\$0		\$2,993,585	\$2,993,585	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$300,000	\$300,000	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$0		\$2,000	\$2,000	\$0 (F)
<b>\$1,544,287</b>	<b>\$1,640,000</b>	<b>\$95,713 (F)</b>	<b>\$1,105,161</b>		<b>\$13,574,218</b>	<b>\$13,574,218</b>	<b>\$0 (F)</b>

## Waste Management

\$0	\$0	\$0 (F)	\$0		\$25,000	\$25,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$63,000	\$63,000	\$0 (F)
\$5,663	\$14,000	\$8,337 (F)	\$42,263		\$5,969,252	\$5,969,252	\$0 (F)
\$744	\$0	(\$744) (U)	\$0		\$0	\$0	\$0 (F)
\$8,778	\$9,000	\$222 (F)	\$47,000		\$1,670,000	\$1,670,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$600,000	\$600,000	\$0 (F)
\$26,530	\$100,000	\$73,470 (F)	\$10,834		\$3,385,000	\$3,385,000	\$0 (F)

# CAPITAL EXPENDITURE STATEMENT

## DECEMBER 2016

Year to Date					Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance
<b>Waste Management</b>							
\$0	\$0	\$0 (F)	\$0		\$500,000	\$500,000	\$0 (F)
(\$16,250)	\$0	\$16,250 (F)	\$0		\$175,804	\$175,804	\$0 (F)
\$24,069	\$30,000	\$5,931 (F)	\$3,335		\$271,000	\$271,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$475,000	\$475,000	\$0 (F)
\$22,770	\$0	(\$22,770) (U)	\$0		\$0	\$0	\$0 (F)
\$33,886	\$78,000	\$44,114 (F)	\$0		\$114,000	\$114,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$60,000	\$60,000	\$0 (F)
\$50,292	\$0	(\$50,292) (U)	\$0		\$0	\$0	\$0 (F)
\$0	\$0	\$0 (F)	\$1,914		\$30,000	\$30,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$500,000	\$500,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0		\$40,000	\$40,000	\$0 (F)

# CAPITAL EXPENDITURE STATEMENT

## DECEMBER 2016

Year to Date					Full Year				
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation		Forecast	Budget	Variance	
<b>Waste Management</b>									
\$1,371,237	\$1,425,000	\$53,763 (F)	\$0		<b>Purchase / Replace Plant - Red Hill Landfill Facility</b> ( 24410/00 )	\$2,635,000	\$2,635,000	\$0 (F)	
\$60,375	\$298,000	\$237,625 (F)	\$194,500		<b>Purchase / Replace Plant - Hazelmere</b> ( 24410/01 )	\$1,830,000	\$1,830,000	\$0 (F)	
\$105,156	\$0	(\$105,156) (U)	\$0		<b>Purchase Plant for Leachate Project - Red Hill Landfill Facility</b> ( 24410/08 )	\$0	\$0	\$0 (F)	
\$1,851	\$2,000	\$149 (F)	\$22,460		<b>Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility</b> ( 24420/00 )	\$150,000	\$150,000	\$0 (F)	
\$0	\$5,000	\$5,000 (F)	\$0		<b>Purchase / Replace Minor Plant and Equipment - Hazelmere</b> ( 24420/02 )	\$10,000	\$10,000	\$0 (F)	
\$66,089	\$70,141	\$4,052 (F)	\$0		<b>Purchase / Replace Vehicles - Red Hill Landfill Facility</b> ( 24430/00 )	\$70,141	\$70,141	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		<b>Purchase / Replace Office Equipment - Engineering / Waste Management</b> ( 24510/02 )	\$550	\$550	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		<b>Purchase / Replace Office Equipment - Red Hill Landfill Facility</b> ( 24510/08 )	\$4,000	\$4,000	\$0 (F)	
\$0	\$5,000	\$5,000 (F)	\$0		<b>Purchase Fire Fighting System/Equipment - Hazelmere</b> ( 24520/07 )	\$10,000	\$10,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		<b>Purchase / Replace Fire Fighting Equipment - Red Hill Landfill Facility</b> ( 24520/08 )	\$1,000	\$1,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		<b>Purchase / Replace Security System - Red Hill Waste Management Facility</b> ( 24530/08 )	\$37,500	\$37,500	\$0 (F)	
\$0	\$20,000	\$20,000 (F)	\$0		<b>Purchase / Replace Security System - Hazelmere</b> ( 24530/10 )	\$60,000	\$60,000	\$0 (F)	



# CAPITAL EXPENDITURE STATEMENT

## DECEMBER 2016

Year to Date					Full Year				
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation		Forecast	Budget	Variance	
<b>Waste Management</b>									
\$0	\$23,000	\$23,000 (F)	\$1,335		Purchase / Replace Other Equipment - Red Hill Landfill Facility ( 24590/00 )	\$69,000	\$69,000	\$0 (F)	
\$1,067	\$4,000	\$2,933 (F)	\$0		Purchase / Replace Miscellaneous Equipment - Hazelmere ( 24590/02 )	\$6,000	\$6,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		Purchase/Replace Other Equipment - Engineering and Waste Management ( 24590/03 )	\$2,000	\$2,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		Purchase Office Furniture and Fittings-Engineering and Waste Management ( 24610/03 )	\$500	\$500	\$0 (F)	
\$0	\$0	\$0 (F)	\$2,702		Purchase / Replace Office Furniture and Fittings - Red Hill Landfill Facility ( 24610/08 )	\$3,000	\$3,000	\$0 (F)	
\$0	\$500	\$500 (F)	\$0		Purchase Office Furniture and Fittings-Hazelmere ( 24610/10 )	\$2,000	\$2,000	\$0 (F)	
\$5,543	\$3,000	(\$2,543) (F)	\$0		Purchase Miscellaneous Furniture and Fittings - Red Hill Education Programme ( 24690/01 )	\$3,000	\$3,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		Refurbish Environmental Education Centre - Redhill Landfill Facility ( 25253/00 )	\$5,000	\$5,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		Refurbish Waste Transfer Station Building - Red Hill Landfill Facility ( 25259/01 )	\$140,000	\$140,000	\$0 (F)	
\$0	\$0	\$0 (F)	\$0		Refurbish Plant - Red Hill Landfill Facility ( 25410/00 )	\$10,000	\$10,000	\$0 (F)	
\$0	\$10,000	\$10,000 (F)	\$0		Refurbish Plant - Hazelmere ( 25410/01 )	\$40,000	\$40,000	\$0 (F)	
<b>\$1,767,801</b>	<b>\$2,096,641</b>	<b>\$328,840 (F)</b>	<b>\$326,343</b>			<b>\$18,966,747</b>	<b>\$18,966,747</b>	<b>\$0 (F)</b>	
<b>\$3,401,118</b>	<b>\$3,923,641</b>	<b>\$522,523 (F)</b>	<b>\$1,431,505</b>		<b>TOTAL CAPITAL EXPENDITURE</b>	<b>\$33,620,638</b>	<b>\$33,620,638</b>	<b>\$0 (F)</b>	



# STATEMENT OF FINANCIAL POSITION

## DECEMBER 2016

Actual June 2016	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year		
			Forecast	Budget	Variance
<b>Current Assets</b>					
\$4,020,828	\$3,044,151	Cash and Cash Equivalents	\$3,000,831	\$3,000,831	\$0 (F)
\$83,114,647	\$86,058,469	Investments	\$64,311,405	\$64,311,405	\$0 (F)
\$3,267,011	\$2,788,042	Trade and Other Receivables	\$3,267,011	\$3,267,011	\$0 (F)
\$27,842	\$31,116	Inventories	\$27,842	\$27,842	\$0 (F)
\$85,059	\$316,756	Other Assets	\$85,059	\$85,059	\$0 (F)
<b>\$90,515,387</b>	<b>\$92,238,534</b>	<b>Total Current Assets</b>	<b>\$70,692,148</b>	<b>\$70,692,148</b>	<b>\$0 (F)</b>
<b>Current Liabilities</b>					
\$5,889,919	\$3,630,182	Trade and Other Payables	\$5,889,919	\$5,889,919	\$0 (F)
\$1,371,378	\$1,371,378	Provisions	\$1,399,359	\$1,399,359	\$0 (F)
<b>\$7,261,297</b>	<b>\$5,001,560</b>	<b>Total Current Liabilities</b>	<b>\$7,289,278</b>	<b>\$7,289,278</b>	<b>\$0 (F)</b>
<b>\$83,254,090</b>	<b>\$87,236,974</b>	<b>Net Current Assets</b>	<b>\$63,402,870</b>	<b>\$63,402,870</b>	<b>\$0 (F)</b>
<b>Non Current Assets</b>					
\$48,504,912	\$48,504,912	Land	\$48,504,912	\$48,504,912	\$0 (F)
\$5,477,919	\$7,051,256	Buildings	\$8,891,489	\$8,891,489	\$0 (F)
\$14,328,901	\$13,370,723	Structures	\$29,364,583	\$29,364,583	\$0 (F)
\$10,776,173	\$12,549,010	Plant	\$18,965,593	\$18,965,593	\$0 (F)
\$658,760	\$657,239	Equipment	\$999,639	\$999,639	\$0 (F)
\$161,845	\$163,102	Furniture and Fittings	\$193,812	\$193,812	\$0 (F)
\$7,860,423	\$6,111,116	Work in Progress	\$7,860,423	\$7,860,423	\$0 (F)
<b>\$87,768,933</b>	<b>\$88,407,358</b>	<b>Total Non Current Assets</b>	<b>\$114,780,451</b>	<b>\$114,780,451</b>	<b>\$0 (F)</b>
<b>Non Current Liabilities</b>					
\$7,407,046	\$7,508,549	Provisions	\$7,627,010	\$7,627,010	\$0 (F)
<b>\$7,407,046</b>	<b>\$7,508,549</b>	<b>Total Non Current Liabilities</b>	<b>\$7,627,010</b>	<b>\$7,627,010</b>	<b>\$0 (F)</b>
<b>\$163,615,977</b>	<b>\$168,135,783</b>	<b>Net Assets</b>	<b>\$170,556,311</b>	<b>\$170,556,311</b>	<b>\$0 (F)</b>
<b>Equity</b>					
\$60,214,225	\$60,214,225	Accumulated Surplus/Deficit	\$60,214,225	\$60,214,225	\$0 (F)
\$62,674,377	\$62,674,377	Cash Backed Reserves	\$62,674,377	\$62,674,377	\$0 (F)
\$40,727,375	\$40,727,375	Asset Revaluation Reserve	\$40,727,375	\$40,727,375	\$0 (F)
<b>\$0</b>	<b>\$4,519,806</b>	<b>Net change in assets from operations</b>	<b>\$6,940,334</b>	<b>\$6,940,334</b>	<b>\$0 (F)</b>
<b>\$163,615,977</b>	<b>\$168,135,783</b>	<b>Total Equity</b>	<b>\$170,556,311</b>	<b>\$170,556,311</b>	<b>\$0 (F)</b>

## CASH AND INVESTMENTS DECEMBER 2016

Actual June 2016	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year		
			Forecast	Budget	Variance
<b>Municipal Cash and Investments</b>					
4,017,378	3,040,701	Cash at Bank - Municipal Fund 01001/00	2,997,381	2,997,381	0 (F)
1,250	1,250	Cash on Hand - Ascot Place 01019/00	1,250	1,250	0 (F)
400	400	Cash on Hand - Walliston/Mathieson & Coppin Road Transfer Stations 01019/01	400	400	0 (F)
1,800	1,800	Cash on Hand - Red Hill / Hazelmere 01019/02	1,800	1,800	0 (F)
20,288,309	22,274,504	Investments - Municipal Fund 02021/00	15,370,377	15,370,377	0 (F)
<b>24,309,136</b>	<b>25,318,655</b>	<b>Total Municipal Cash</b>	<b>18,371,207</b>	<b>18,371,207</b>	<b>0 (F)</b>
<b>Restricted Cash and Investments</b>					
510,804	519,631	Restricted Investments - Plant and Equipment 02022/01	293,631	293,631	0 (F)
2,132,389	2,169,237	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	2,324,756	2,324,756	0 (F)
6,063,056	6,167,828	Restricted Investments - Future Development 02022/03	47,737	47,737	0 (F)
788,213	801,833	Restricted Investments - Environmental Monitoring Red Hill 02022/04	893,298	893,298	0 (F)
40,514	41,214	Restricted Investments - Environmental Insurance Red Hill 02022/05	1,047	1,047	0 (F)
13,973	14,215	Restricted Investments - Risk Management 02022/06	14,332	14,332	0 (F)
544,803	554,218	Restricted Investments - Class IV Cells Red Hill 02022/07	87,660	87,660	0 (F)
359,102	365,307	Restricted Investments - Regional Development 02022/08	598,753	598,753	0 (F)
46,773,843	47,582,116	Restricted Investments - Secondary Waste Processing 02022/09	37,546,295	37,546,295	0 (F)
4,554,958	4,633,670	Restricted Investments - Class III Cells 02022/10	6,044,704	6,044,704	0 (F)
70,552	71,772	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	72,363	72,363	0 (F)
151,961	26,547	Restricted Investments - Accrued Interest 02022/19	151,961	151,961	0 (F)
0	0	Restricted Investments - Unrealised Loss/Gain on Investments 02022/20	0	0	0 (F)
822,170	836,378	Restricted Investments - Long Service Leave 02022/90	864,491	864,491	0 (F)
<b>62,826,339</b>	<b>63,783,965</b>	<b>Total Restricted Cash</b>	<b>48,941,029</b>	<b>48,941,029</b>	<b>0 (F)</b>
<b>87,135,475</b>	<b>89,102,620</b>	<b>TOTAL CASH AND INVESTMENTS</b>	<b>67,312,236</b>	<b>67,312,236</b>	<b>0 (F)</b>

The Cash at Bank - Municipal Fund represents the balance on the last day of the relevant month. Any portion of the balance available for investment is transferred into the Investment - Municipal Fund account in the following period. Funds held in the Cash at Bank - Municipal Fund continue to accrue interest as per the Westpac commercial rates.

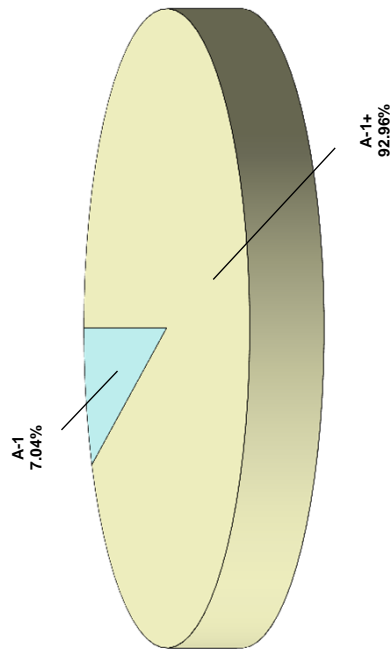
EMRC Investment Report

December 2016

I. Overall Portfolio Limits

S&P Long Term Rating	S&P Short Term Rating	% Portfolio	Investment Maximum %
AAA	A-1+	92.96%	100%
AA	A-1	7.04%	100%
		<b>100.00%</b>	

Investment by S&P Rating



II. Single Entity Exposure

Entity	% Portfolio
AMP	5.87%
ANZ Banking Group	33.44%
NAB	17.28%
Suncorp	1.17%
Westpac / St. George Bank	42.24%
<b>100.00%</b>	

III. Term to Maturity Framework

Maturity Profile	% Portfolio	% Min	% Max
Less Than 1 Year	100.00%	40%	100%
Greater Than 1 Year	0.00%	0%	0%
<b>100.00%</b>			

NB: This report is consistent with the reporting requirements of the Policy 3.3 - Management of Investments Policy



## 14.4 REVIEW OF DELEGATED POWERS AND DUTIES

REFERENCE: D2017/00292

### PURPOSE OF REPORT

The purpose of this report is to complete the annual statutory review of the exercise of powers and discharge of duties as delegated by Council.

### KEY ISSUES AND RECOMMENDATION(S)

- It is a requirement of section 5.18 of the *Local Government Act 1995* (the Act) that the delegations made by the Council to Committees are reviewed in every financial year.
- It is a requirement of section 5.46 of the Act that the delegations made by the Council to the Chief Executive Officer (CEO) are reviewed in every financial year.
- The delegation of powers and duties remaining current are submitted for review and are recommended to be reaffirmed by Council.

#### Recommendation(s)

That Council re-affirms the delegated powers and duties as listed in the report.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

It is a requirement of section 5.18 of the Act that the delegations made by the Council to Committees are reviewed at least once in every financial year.

It is a requirement of section 5.46 of the Act that the delegations made by the Council to the CEO are reviewed at least once in every financial year.

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*Item 14.4 continued*

**REPORT**

The list of Council decisions to delegate its powers or duties to a Committee or to the CEO are listed below. Only the decisions which are still current are being recommended to Council for review and to be re-affirmed.

The following is the list of current delegations required to be re-affirmed by Council:

<b>Delegation Number</b>	<b>Date of Original Delegation</b>	<b>Description of Delegation</b>	<b>Delegated to</b>	<b>Comments</b>
C2/97	29/8/1996	Power to pay accounts between meetings.	CEO	Current
C11/2014	04/12/2014	That Council pursuant to Section 5.42 of the <i>Local Government Act 1995</i> , amends the delegation to the Chief Executive Officer with respect to payments from the municipal or trust funds, to include a condition that the Chief Executive Officer is to provide a brief description outlining the nature of each transaction and payment made from municipal or trust funds on a monthly basis.	CEO	D2014/12979 17.2 Notice of Motion (Council)
C7/2001	22/02/2001	Authority to approve legal services to the value of \$5,000 in accordance with Council Policy Legal Representation Costs Indemnity Policy.	CEO	Current
C1/2005	19/05/2005	Finalise the sale of the land, within Lot 12, required for the Hills Spine Road and Perth – Adelaide Highway, to the Western Australian Planning Commission.	CEO	Current DMDOC/34306 (TAC Report) DMDOC/32855 (Council)
C1/2006	20/07/2006	The CEO, in consultation with the Chairman, is delegated authority to approve interstate and local travel related expenditure associated with pursuing lobbying and advocacy issues of an urgent nature, in accordance with Council Policy 1.8 – Lobbying and Advocacy Policy.	CEO	Current DMDOC/107688 (CEOAC Report) DMDOC/52370 (Council)
C2/2006	24/08/2006	That the CEO make appointments to the position of Acting Chief Executive Officer based on the EMRC employee holding the substantive position of Director and appointments being for a period of not longer than six (6) weeks.	CEO	Current DMDOC/55573 (Report) DMDOC/54252 (Council)



Item 14.4 continued

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C1/2008	21/02/2008	The Investment Committee has only those delegated powers and duties of Council associated with the EMRC Investment Portfolio, that have not been delegated to the CEO inclusive of, but not limited to: <ul style="list-style-type: none"> <li>(a) the acceptance of tenders for the provision of advice and services; and</li> <li>(b) to deal with any legal proceedings that may need to be initiated.</li> </ul>	Investment Committee	Current Investment Committee Terms of Reference DMDOC/118164 DMDOC/78490 (Report) DMDOC/77280 (Council)
C1/2010	18/02/2010	That Council, by an absolute majority in accordance with section 5.42 of the <i>Local Government Act 1995</i> , delegate authority to the Chief Executive Officer to enter into contracts for the sale of EMRC generated products to a maximum contract value of \$3,000,000 (ex GST)	CEO	Current DMDOC/126570 (Report) DMDOC/123820 (Council)
C1/2014	20/02/2014	That Council: <ol style="list-style-type: none"> <li>1. By absolute majority acting pursuant to section 5.42 of the <i>Local Government Act 1995</i>, delegates authority to the Chief Executive Officer to accept tenders conditional upon:               <ul style="list-style-type: none"> <li>(a) Provision having been made in the current budget for the purchase of the particular item or as authorised by Council in advance; and</li> </ul> </li> </ol> By absolute majority in accordance with section 5.45 of the <i>Local Government Act 1995</i> , amends delegation C1/2014 increasing the authority limit of the Chief Executive Officer to accept tenders to \$400,000 excluding GST	CEO	Current D2014/00706 (Report) D2013/02643 (Council)



Item 14.4 continued

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C5/2014	19/06/2014	That: <ol style="list-style-type: none"> <li>1. Council by absolute majority, pursuant to section 5.42 of the <i>Local Government Act 1995</i>, delegates authority to the CEO to finalise and execute a Wholesale Electricity Agreement.</li> <li>2. The Report and attachments remain confidential and be certified by the Chairman and CEO.</li> </ol>	CEO	Current D2014/06931 (RRC Report) D2014/05562 (Council)
C1/2015	19/02/2015	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 donate EMRC product to the value of \$10,000 p.a.	CEO	Current D2015/02243 (Report) D2015/00181 (Council)
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.	CEO	Current D2015/13575 (Report) D2015/10208 (Council)
C5/2016	24/03/2016	That Council: <ol style="list-style-type: none"> <li>4. 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.</li> <li>5. Receives a report detailing the list of items approved under delegated authority as they arise at the next ordinary meeting of council.</li> </ol>	CEO	Current D2016/03708 (Report) D2016/01544 (Council)





*Item 14.4 continued*

<b>Delegation Number</b>	<b>Date of Original Delegation</b>	<b>Description of Delegation</b>	<b>Delegated to</b>	<b>Comments</b>
C6/2016	23/06/2016	That Council by absolute majority in accordance with section 5.42 of the <i>Local Government Act 1995</i> delegate authority to the Chief Executive Officer to negotiate and enter into contracts for waste disposal related to operations at the Red Hill Waste Management Facility and Hazelmere Resource Recovery Park.	CEO	Current D2016/08210 (Report) D2016/06161 (Council)
C9/2016	01/12/2016	That Council: <ol style="list-style-type: none"> <li>1. Authorise a variation of \$171,707.10 (ex GST) for the Tender 2016/003 High Voltage (22 kV) Network Interconnect Cable awarded to Densford Civil Pty Ltd whilst maintaining the 15% contingency on the contract sum for any contingencies that may arise during the execution of the contract.</li> <li>2. By absolute majority in accordance with section 5.42 of the <i>Local Government Act 1995</i> authorise the CEO to enter into a deed of indemnification and/or caveat with the City of Swan with respect to the installation of a high voltage (22 kV) interconnect cable within the Lakes Road, Vale Road and Kalamunda Road reserves, if required.</li> </ol>	CEO	D2016/17270 (Report) D2016/13342 (Council)



*Item 14.4 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 – Good Governance

4.3 To provide responsible and accountable governance and management of the EMRC

## **FINANCIAL IMPLICATIONS**

Nil

## **SUSTAINABILITY IMPLICATIONS**

Nil

## **MEMBER COUNCIL IMPLICATIONS**

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

## ATTACHMENT(S)

Nil

## VOTING REQUIREMENT

Simply Majority

## **RECOMMENDATION(S)**

That Council re-affirms the delegated powers and duties as listed in the report.

## **COUNCIL RESOLUTION(S)**

MOVED CR STALLARD

SECONDED CR WOLFF

THAT COUNCIL RE-AFFIRMS THE DELEGATED POWERS AND DUTIES AS LISTED IN THE REPORT.

**CARRIED UNANIMOUSLY**



## **14.5 ITEMS CONTAINED IN THE INFORMATION BULLETIN**

**REFERENCE: D2017/01330**

The following items are included in the Information Bulletin, which accompanies the Agenda.

### **1 CORPORATE SERVICES**

- 1.1 CORPORATE BUSINESS PLAN 2016/2017 – 2020/2021 PROGRESS REPORT  
(Ref: D2017/00294)

### **2 REGIONAL SERVICES**

- 2.1 REGIONAL SERVICES ACTIVITY REPORT OCTOBER – DECEMBER 2016  
(Ref: D2017/01688)
- 2.2 UNDERSTANDING AND MANAGING FLOOD RISK IN PERTH - STAGES TWO AND  
THREE PROJECT UPDATE (Ref: D2017/01687)

### **3 WASTE MANAGEMENT SERVICES**

- 3.1 COUNCIL TONNAGE COMPARISONS AS AT 31 DECEMBER 2016 (Ref: D2017/01587)

## **RECOMMENDATION(S)**

That Council notes the items contained in the Information Bulletin accompanying the 16 February 2017 Ordinary Meeting of Council Agenda.

## **COUNCIL RESOLUTION(S)**

MOVED CR STALLARD                      SECONDED CR WOLFF

THAT COUNCIL NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 16 FEBRUARY 2017 ORDINARY MEETING OF COUNCIL AGENDA.

**CARRIED UNANIMOUSLY**

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## **INFORMATION BULLETIN**

Accompanying the  
Ordinary Meeting of Council Agenda

16 February 2017

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## 1 CORPORATE SERVICES

### 1.1 CORPORATE BUSINESS PLAN 2016/2017 - 2020/2021 PROGRESS REPORT

REFERENCE: D2017/00294

#### PURPOSE OF REPORT

The purpose of this report is to provide a progress report against activities identified within EMRC's Corporate Business Plan 2016/2017 - 2020/2021 for the period 1 July to 31 December 2016.

#### 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 EMRC's Strategic Community Plan titled *EMRC 2022 – 10 Year Strategic Plan* on 6 December 2012 (Ref: DMDOC/172950).
- Council adopted the Corporate Business Plan 2016/2017 - 2020/2021 on 23 June 2016 (Ref: D2016/08101).
- The attachment to this report provides a progress report against activities identified within the Corporate Business Plan for the period 1 July to 31 December 2016.

#### 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 EMRC's Strategic Community Plan titled *EMRC 2022 – 10 Year Strategic Plan* on 6 December 2012 (Ref: DMDOC/172950).

Council adopted the Corporate Business Plan 2016/2017 - 2020/2021 on 23 June 2016 (Ref: D2016/08101).



*Item 1.1 continued*

## REPORT

*EMRC 2022 – 10 Year Strategic Plan* 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 2016/2017 - 2020/2021 (Corporate Business Plan) 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 progress report against activities identified within the Corporate Business Plan for the period 1 July to 31 December 2016.

## STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

- 4.3 To provide responsible and accountable governance and management of the EMRC
- 4.4 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 2016/2017 - 2020/2021 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	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## ATTACHMENT(S)

Corporate Business Plan 2016/2017 - 2020/2021 Progress Report for the period 1 July to 31 December 2016 (Ref: D2017/01569)



**PROGRESS REPORT**

**CORPORATE BUSINESS PLAN 2016/2017 – 2020/2021**

**1 JULY TO 31 DECEMBER 2016**







## **INTRODUCTION**

The Eastern Metropolitan Regional Council's (EMRC) Integrated Planning Framework is structured to ensure that operational activities are aligned to strategic priorities. EMRC's long term strategic plan - EMRC 2022 – 10 Year Strategic Plan (EMRC - 2022) is the overarching plan which provides direction for the activities that EMRC staff will take to achieve EMRC – 2022.

EMRC's Integrated Planning Framework also comprises of a series of plans including:

- The 10 year Financial Plan – which projects EMRC's long term financial position
- Strategic High Level Plans – which provide the framework for developing projects for the benefit and sustainability of the region
- Business Unit Plans – which detail annual projects and programs delivered by each business unit

The Corporate Business Plan, also an element of the Integrated Planning Framework, provides high level information on capital and operating projects planned over the next five years and establishes the first year of EMRC's annual budget.

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*".

**PETER B. SCHNEIDER**

**Chief Executive Officer**



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# ENVIRONMENTAL SUSTAINABILITY



## TO PROVIDE SUSTAINABLE WASTE DISPOSAL OPERATIONS

### Minimise the environmental impact of waste management operations

PROJECTS / ACTIONS	PROGRESS COMMENTS
Leachate Project	<ul style="list-style-type: none"> <li>• A concept design and program for construction of evaporation pond/s for disposal of leachate was prepared.</li> <li>• Leachate evaporation was increased through:                             <ul style="list-style-type: none"> <li>○ Relocating the evaporator at the Class IV cell;</li> <li>○ Installation of floating pontoon irrigators in the leachate ponds; and</li> <li>○ Upgrade of trickle irrigation pipework along batters of leachate ponds.</li> </ul> </li> </ul>
Construct Class III leachate pond	<ul style="list-style-type: none"> <li>• Fencing was installed around Farm Stage 1&amp;2 leachate pond to prevent kangaroos damaging pond covers.</li> <li>• Leachate pond construction for Stage 15 has been deferred until 2018. This is line with redesign of Farm Stage 1&amp;2 cells, which has increased airspace and the life of these cells by approximately 2 years.</li> </ul>
Construct storm water and siltation ponds	<ul style="list-style-type: none"> <li>• Concept design for eastern stormwater pond and drain for Farm Stage 1 and 2 (FS1 &amp; FS2) redesign was completed.</li> <li>• Detailed design completed for stormwater drains and siltation ponds were completed for:                             <ul style="list-style-type: none"> <li>○ South eastern area of Lot 12.</li> <li>○ Southern area of Lot 1 to support offsets program in Lot 82 .</li> </ul> </li> </ul>



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

PROJECTS / ACTIONS	PROGRESS COMMENTS
Review and update Red Hill Development Plan	<ul style="list-style-type: none"> <li>This is planned to be completed by mid - 2017.</li> </ul>
Operate Red Hill Waste Management Facility	<ul style="list-style-type: none"> <li>The Red Hill Waste Management Facility continued to operate in compliance with Department of Environment Regulation (DER) Licence Conditions.</li> <li>The DER carried out Site Licence Compliance and Landfill Levy Compliance Inspections in March and September 2016 and the site passed both audits without any non-compliance issues raised.</li> </ul>
Construct Class III Cell Stage 15B	<ul style="list-style-type: none"> <li>Delayed because the redesign of FS1&amp;2 cells, which has increased the life of these cells by approximately 2 years.</li> </ul>
Construct Class III Farm Stage 3	<ul style="list-style-type: none"> <li>Delayed because the redesign of FS1&amp;2 cells, which has increased the life of these cells by approximately 2 years.</li> </ul>
Construct roads / carparks – Red Hill	<ul style="list-style-type: none"> <li>No requirement at this point.</li> </ul>
Construct access Roads to Lots 8,9 & 10	<ul style="list-style-type: none"> <li>No requirement at this point.</li> </ul>

## Develop Hazelmere Resource Recovery Park

PROJECTS / ACTIONS	PROGRESS COMMENTS
Review and update Hazelmere Development Plan	<ul style="list-style-type: none"> <li>Review of Development plan was undertaken in line with the construction and commissioning of the Commercial and Industrial (C&amp;I) Waste Sorting Facility.</li> <li>The Plan was updated to accommodate stormwater network and revision to surrounding infrastructure</li> <li>Revision of commercial entrance and road network (Stage 1) was undertaken to reduce finished levels and refine stormwater management network.</li> </ul>
Construct and commission Resource Recovery Park site infrastructure	<ul style="list-style-type: none"> <li>Infrastructure in vicinity of C&amp;I facility was installed including potable water, communications, fire network extension, stormwater services and pavement.</li> <li>New site transformer was installed to facilitate increased power requirements for C&amp;I facility</li> <li>Site operations compound relocated and security fence was installed</li> </ul>
Construct and commission C&I Building	<ul style="list-style-type: none"> <li>C&amp;I building was constructed and certificate of compliance issued July 2016</li> <li>Waste sorting equipment was installed and commissioned in September/October 2016</li> <li>The C&amp;I Facility was officially opened by the Minister for Environment on 30 November 2016 and opened for business on 1 December 2016.</li> </ul>

# ENVIRONMENTAL SUSTAINABILITY



PROJECTS / ACTIONS	PROGRESS COMMENTS
Wood Waste to Energy Building – utilities and infrastructure	<ul style="list-style-type: none"> <li>• Underground utilities were installed including power, gas, water and wastewater.</li> <li>• Footings for buildings and structures were constructed</li> <li>• Site workshop and office was constructed</li> <li>• The gas engines were delivered to site and installed in final locations.</li> <li>• Groundworks for utilities connections to main supplies commenced.</li> </ul>
Construct and commission Administration Building	<ul style="list-style-type: none"> <li>• No requirement at this point in time. Will be undertaken following commercial entrance development</li> </ul>
Construct and commission Community Reuse Store	<ul style="list-style-type: none"> <li>• No requirement at this point in time as final stages of land swap with (WA Planning Commission (WAPC) still being completed.</li> <li>• Development will be in conjunction with Community transfer station</li> </ul>
Construct and commission Site Workshop	<ul style="list-style-type: none"> <li>• No requirement at this point in time. This will be done in conjunction with earthworks associated with commercial entrance and internal ring road.</li> </ul>
Construct and commission Weighbridge	<ul style="list-style-type: none"> <li>• No requirement at this point in time. This will be undertaken in conjunction with Stage 1 – Commercial entrance development following tender and award.</li> </ul>
Construct and commission Reuse Store carpark	<ul style="list-style-type: none"> <li>• No requirement at this point as final stages of land swap with WAPC occurring.</li> <li>• Development will be in conjunction with Community transfer station</li> </ul>
Construct storage bunkers for wood fines	<ul style="list-style-type: none"> <li>• Engineering feasibility study was commissioned to provide detailed design and engineers estimate prior to recommendation report.</li> </ul>
Purchase plant and equipment (C&I, Wood Waste to Energy Plant, Community Transfer Station, MRF)	<ul style="list-style-type: none"> <li>• Commercial and Industrial waste sorting plant equipment installed and commissioned.</li> <li>• JCB JS20MH Material Handler was purchased and commissioned in the Wood Waste operation.</li> <li>• Case CX145C excavator was purchased for replacement of Volvo EC140TCL under plant replacement policy.</li> </ul>

# ENVIRONMENTAL SUSTAINABILITY



## TO IMPROVE REGIONAL WASTE MANAGEMENT

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

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement priority projects (refer the Waste Education Strategy)	<ul style="list-style-type: none"> <li>• Work on the 2016/17 Waste and Recycling guides commenced.</li> <li>• A number of Regional Waste Education Steering Group events were organised.                             <ul style="list-style-type: none"> <li>◦ Four school events.</li> <li>◦ Five community events at the request of member councils.</li> <li>◦ Four community presentations/visits.</li> <li>◦ Ten networked events</li> </ul> </li> <li>• 4,838 kg of batteries were collected at public places and 2,988 kg were collected from schools.</li> <li>• 843 kg of CFL (compact florescent lighting) was collected from public places.</li> <li>• Schools 2015/2016 Battery Competition Winners were finalised. Winners were High Wycombe Primary School, Darlington Primary School and Chidlow Primary School. Glen Forrest Primary School was the most improved.</li> <li>• One new school entered the Schools Battery Collection Program.</li> <li>• Litter Letters were utilised at three events and borrowed by a school for one month.</li> <li>• The R-Gang website was updated.</li> <li>• Brochures were updated and created.</li> <li>• 13 people completed the Earth Carers course held during November 2016.</li> </ul>
Review Waste Education Strategy	<ul style="list-style-type: none"> <li>• Discussions with the Regional Waste Education Steering Group have commenced.</li> <li>• Planning for proposed waste audits as part of the review commenced.</li> </ul>
Promote and co-ordinate Red Hill Education Tours	<ul style="list-style-type: none"> <li>• 29 tours (1,228 people) of Red Hill and the Waste Education Centre were completed.</li> <li>• Waste Education linked with Bush Skills 4 Youth (BS4Y) to offer schools a waste and environmental related excursion.</li> </ul>

## Operate member councils' waste transfer stations where applicable

PROJECTS / ACTIONS	PROGRESS COMMENTS
Operate Coppin and Mathieson Roads Transfer Stations	<ul style="list-style-type: none"> <li>• The EMRC continued operating the Shire of Mundaring Transfer Stations ensuring an effective service for the Shire of Mundaring community.</li> </ul>





## Provide a Waste Management Advisory Service

PROJECTS / ACTIONS	PROGRESS COMMENTS
Rehabilitate former landfill cells	<ul style="list-style-type: none"> <li>Approximately 3.1 hectares of former landfill cells were rehabilitated at Red Hill during 2016. This included the northern upper batter of Stage 12 and Class IV Stage 1.</li> </ul>
Monitor environmental impacts from waste management operations and ensure all environmental legislative requirements are met	<ul style="list-style-type: none"> <li>All environmental compliance monitoring and reporting was carried out in accordance with regulatory requirements for Red Hill and Hazelmere operations.</li> <li>The Red Hill Environmental Management System (EMS) was maintained to ensure continuous environmental improvement.</li> </ul>
Undertake contaminated sites investigations	<ul style="list-style-type: none"> <li>Contaminated site investigations continued at Red Hill.</li> <li>A site management plan (SMP) for groundwater contamination within Lot 11 and Lot 1 at Red Hill was approved.</li> <li>Groundwater monitoring confirmed groundwater contamination in the south western corner of Lot 100 at the Hazelmere site. Possible off-site sources are being investigated.</li> </ul>
Provide environmental consultancy service to member Councils and other clients	<ul style="list-style-type: none"> <li>Environmental consultancy services were provided to City of Bayswater, City of Swan, Shire of Kalamunda and Shire of Mundaring during 2016.</li> <li>Projects included compliance groundwater monitoring, landfill gas assessments and contaminated land assessments.</li> </ul>

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

### Establish a Resource Recovery Facility (RRF)

PROJECTS / ACTIONS	PROGRESS COMMENTS
Establish a Resource Recovery Facility	<ul style="list-style-type: none"> <li>A Request for Tender (RFT) was issued 18 August 2016.</li> <li>A mandatory tender briefing and a non-mandatory site inspection at Red Hill were undertaken.</li> <li>The RFT closed on 18 January 2017.</li> </ul>



# ENVIRONMENTAL SUSTAINABILITY



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

PROJECTS / ACTIONS	PROGRESS COMMENTS
Develop and implement programs to increase sales of Red Hill by-products	<ul style="list-style-type: none"> <li>Discussions were held with existing and potential customers to increase sales of product and volumes going into Red Hill.</li> <li>ISO Audit was completed and approved for Red Hill Mulch quality.</li> <li>Quotes for the sale of ferricrete and mulch were submitted for various projects.</li> </ul>
Develop and implement programs to increase sales of Hazelmere by-products	<ul style="list-style-type: none"> <li>Wood fine sales are at current production capacity with the majority of sales going to the Broiler Growers Association.</li> <li>Coloured wood chip continued to be sold into landscape and garden supply centres.</li> <li>Discussions for the supply of material for the C&amp;I Waste Sorting Facility commenced with various commercial operators.</li> </ul>

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

### Review and implement the Regional Environmental Strategy

PROJECTS / ACTIONS	PROGRESS COMMENTS
Develop the Regional Environmental Strategy	<ul style="list-style-type: none"> <li>The new Regional Environment Strategy 2016-2020 was endorsed by Council in December 2016.</li> </ul>
Develop and Implement the Sustainability and Environmental Educational Program to the Shire of Mundaring	<ul style="list-style-type: none"> <li>Energy, water and recycling student worksheets were developed for primary schools in the Shire.</li> </ul>

# ENVIRONMENTAL SUSTAINABILITY



## Implement the Eastern Hills Catchment Management Program (EHCMP)

PROJECTS / ACTIONS	PROGRESS COMMENTS
EHCMP Program	<ul style="list-style-type: none"> <li>• Bush Skills for the Hills workshops were delivered including:                             <ul style="list-style-type: none"> <li>◦ Marri Canker Identification; and</li> <li>◦ Blackadder Wonderland Wetland Tour.</li> </ul> </li> <li>• The Green Army undertook a range of bushland restoration projects including Eric Singleton Bird Sanctuary and an erosion control project on the Ascot Racecourse Foreshore involving rock pitching and construction of gabion baskets.</li> <li>• Work was undertaken in the City of Swan and Shire of Mundaring on private landholder properties as part of the 20 Million Trees program.</li> </ul>
Community Led projects	<ul style="list-style-type: none"> <li>• 2016 End of Year Volunteer function was organised to celebrate the contribution of volunteers and Friends groups.</li> </ul>
Bush Skills 4 Youth	<ul style="list-style-type: none"> <li>• The Public Health Advocacy Institute presented the EMRC with a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project.</li> </ul>
Healthy Wildlife Project	<ul style="list-style-type: none"> <li>• A survey was administered to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.</li> </ul>
20 Million Trees Program	<ul style="list-style-type: none"> <li>• The 20 Million Trees Green Army team assisted Friends and catchment groups to undertake rifle construction, hand weeding, native grass identification and nesting box construction.</li> </ul>
Steaming to Success Project	<ul style="list-style-type: none"> <li>• Alternative weed management spring trials on the Railway Heritage Trail were completed as part of the Steaming to Success Alternative Weed Management project, and outcomes were presented to the WALGA Natural Area Management Network Forum.</li> <li>• The Steamwand SW700 machine was also showcased at the above mentioned WALGA Forum.</li> </ul>

# ENVIRONMENTAL SUSTAINABILITY



## Implement the Water Campaign

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the Water Quality and Conservation Program and Water Campaign	<ul style="list-style-type: none"> <li>EMRC staff attended the Waterwise Forum held by Water Corporation and Department of Water and provided member councils a summary on the presentations and an update on the Waterwise Council Program.</li> <li>The Town of Bassendean's Water Efficiency Action Plan was submitted to Water Corporation.</li> <li>Data analysis of the City of Swan and Shire of Mundaring's corporate and community water data was finalised used to prepare a report card outlining current performance.</li> <li>Data analysis of the City of Swan's water consumption was undertaken.</li> <li>The Shire of Mundaring's Katharine Street Development in Bellevue was selected as an economic business case study involving conversion of existing agricultural land to a living stream.</li> </ul>
Cooperative Research Centre (CRC) for Water Sensitive Cities	

## TO ADDRESS CLIMATE CHANGE ISSUES WITHIN THE REGION

### Implement the ACER Program

PROJECTS / ACTIONS	PROGRESS COMMENTS
ACER Program	<ul style="list-style-type: none"> <li>Coordinated Planet Footprint Quarterly Service Review to discuss current measures participating Councils are implementing, potential assets for investigation and current services performed by Planet Footprint</li> <li>The Climate Change Risk Awareness Seminar – Transport and Alternative Energy of a Low Carbon Future was delivered.</li> <li>WALGA's Climate Change Collaborators' meeting was attended.</li> <li>Information on the Paris Climate Change Agreement, currently the highest level of climate action worldwide, was provided to member Councils.</li> </ul>
Regional Climate Change Adaptation Action Plan	
Local Climate Change Adaptation Action Plans	<ul style="list-style-type: none"> <li>The Local Climate Change Adaptation Action Plans for participating member councils continued to be implemented.</li> </ul>

## SOCIAL OPPORTUNITIES



### TO FACILITATE REGIONAL CULTURAL AND RECREATIONAL ACTIVITIES

#### Continue the coordination of regional events

PROJECTS / ACTIONS	PROGRESS COMMENTS
Co-ordinate the Avon Descent Family Fun Days	<ul style="list-style-type: none"> <li>The 2016 Avon Descent Family Fun Days were held on the first weekend in August. The regional marketing campaign coordinated by the EMRC cost \$47,000 and delivered over \$87,000 in advertising value.</li> <li>The 2016 Avon Descent Family Fun Days Lotterywest grant acquittal process is well underway and planning for the 2017 events has commenced.</li> </ul>
Co-ordinate Perth's Autumn Festival	<ul style="list-style-type: none"> <li>The Perth's Autumn Festival 2017 grant application was submitted to Lotterywest in December 2016.</li> </ul>
Administer the Perthtourism.com.au regional tourism website	<ul style="list-style-type: none"> <li>The EMRC's perthtourism.com.au continued to be monitored and events and information posted onto the site on an ongoing basis.</li> </ul>
Hello Spring Campaign	<ul style="list-style-type: none"> <li>The Hello Spring campaign featured numerous events which were listed on the EMRC's perthtourism.com.au website.</li> </ul>
Research on economic benefits of regional events	<ul style="list-style-type: none"> <li>The research commenced in the last half of 2016 and will conclude in May 2017, after which time the information will be disseminated to participating member Councils.</li> </ul>

#### Implement the Swan and Helena Rivers Framework

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement priority projects	<ul style="list-style-type: none"> <li>EMRC staff attended WALGA's Heritage Workshop and conveyed outcomes to relevant member councils.</li> </ul>
Understanding and Managing Flood Risk project	<ul style="list-style-type: none"> <li>The Tender for undertaking Stages Two and Three of the Understanding and Managing Flood Risk in Perth project under the All West Australians Reducing Emergencies program was completed.</li> <li>The contract was awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting, who undertook Stage One of the project. The project will commence in January 2017.</li> </ul>



## TO FACILITATE INCREASED INVESTMENT IN REGIONAL INFRASTRUCTURE

### Facilitate the implementation of the Regional Integrated Transport Strategy

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the new Regional Integrated Transport Strategy (RITS) 2016-2020	<ul style="list-style-type: none"> <li>The draft RITS 2017-2021 was completed in December 2016 and will be presented to the January CEOAC and to Council at its 16 February 2017 council meeting for approval.</li> </ul>
Coordinate and facilitate RITS IAG meetings	<ul style="list-style-type: none"> <li>Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG) on 24 November 2016, which was followed by an Advisory Group meeting.</li> </ul>
Coordinate the Regional TravelSmart Working Group	<ul style="list-style-type: none"> <li>The next meeting of the Regional TravelSmart Working Group will be held in February 2017.</li> </ul>
Undertake community engagement/research on active Transport / TravelSmart	<ul style="list-style-type: none"> <li>Active Transport/TravelSmart research will be scoped in the first half of 2017.</li> </ul>
Promote Regional Bikeweek events	<ul style="list-style-type: none"> <li>Possible bike week events will be discussed at the next TravelSmart Working Group meeting.</li> </ul>
Undertake Active/Public Transport initiatives / campaigns	<ul style="list-style-type: none"> <li>Stakeholder workshops were held.</li> </ul>
Undertake/advocate for RRS awareness campaigns	<ul style="list-style-type: none"> <li>Swan River Ramble design work completed in December 2016.</li> <li>Stakeholder workshop was held.</li> </ul>
Develop RRS Report Card	<ul style="list-style-type: none"> <li>The development of the Regional Road Safety Report Card (RRS) commenced in 2016 and will be completed in 2017.</li> </ul>
Coordinate NorthLinkWA and/or RRS awareness tour in conjunction with Main Roads WA	<ul style="list-style-type: none"> <li>Main Roads WA are liaising with the EMRC on the most optimal time to tour the road construction project, as part of a future Showcase Tour.</li> </ul>
Advocate for the "Your Move" program	<ul style="list-style-type: none"> <li>Letters were sent to the Minister for Sport and Recreation and the Minister for Transport on 1 July 2016 advocating for the Your Move program in Perth's Eastern Region.</li> <li>A follow up meeting was held between the two aforementioned government departments and the EMRC to explain the benefits of hosting the program in this region. This continues to be a work in progress.</li> </ul>

# ECONOMIC DEVELOPMENT



## TO FACILITATE REGIONAL ECONOMIC DEVELOPMENT ACTIVITIES

### Implement the Regional Economic Development Strategy (REDS)

PROJECTS / ACTIONS	PROGRESS COMMENTS
Coordinate and facilitate the Economic Development Officer's Group (EDOG)	<ul style="list-style-type: none"> <li>The EMRC continued to conduct the bi-monthly EDOG meetings throughout 2016.</li> </ul>
Coordinate development of new REDS 2016 -2020	<ul style="list-style-type: none"> <li>The new Regional Economic Development Strategy 2017-2021 is currently in draft and due to be circulated to the Economic Development Officers Group for comment and input.</li> </ul>
Regional Profiling Tools	<ul style="list-style-type: none"> <li>The EMRC continued to provide REMPLAN, Profile.id and Atlas.id subscriptions to enable member Councils and the EMRC to obtain relevant regional economic and social-demographic profiling data.</li> </ul>
Advocate for regional youth opportunities	<ul style="list-style-type: none"> <li>A workshop on regional youth advocacy priorities is planned for February 2017.</li> <li>A letter of support was sent on 28 September 2016, for a grant application for the City of Swan's Community Sports Champion's Project.</li> </ul>
Progress and update digital projects	<ul style="list-style-type: none"> <li>Presentation was made to the EDOG members on 16 August 2016 from Rachel McIntyre, on NBN Co status of delivery, and revised maps.</li> <li>Information on the National Broadband Network's three year rollout plan was released and disseminated.</li> <li>Correspondence was sent to Mr Ken Wyatt MP; Federal Member for Hasluck in July 2016 regarding Smart Cities program, and a follow up meeting was held with the Federal Member on 15 August 2016.</li> <li>Smart Cities workshop was held to consider potential projects.</li> </ul>
Coordinate Showcase Series - Advancing Perth's Eastern Region Events	<ul style="list-style-type: none"> <li>A showcase tour of the South West Metropolitan region, to focus on best practice outside our region, was held 18 November 2016. Locations included Leeuwin Barracks, Richmond Quarter, various new developments within the City of Fremantle and City of Cockburn and the Australian Marine Complex.</li> </ul>
Undertake employment, business and investment attraction campaigns and initiatives	<ul style="list-style-type: none"> <li>The Business Exemplar Project 2016/2017 commenced. Central Eastern Business Association award winners within the Town of Bassendean were contacted informing them of the free public relations opportunity on offer.</li> </ul>





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

### Implement the Regional Advocacy Strategy (RAS)

PROJECTS / ACTIONS	PROGRESS COMMENTS
Meetings and discussions with key stakeholders	<ul style="list-style-type: none"> <li>Advocacy meeting were held around the following: Your Move campaign 24 August 2016; Transport @ 3.5million; Perth- Adelaide National Highway</li> </ul>
Prepare Submission and report on matters of relevance to the region	<ul style="list-style-type: none"> <li>A submission was prepared in response to the Consultation Paper – Proposal for Regional Subsidiaries Legislation.</li> <li>A submission was prepared on the Shire of Kalamunda's Youth Plan.</li> </ul>
Advocate on priorities, areas of focus and actions outlined for 2016-2017 in the RAS	<ul style="list-style-type: none"> <li>A meeting/presentation was organised on 5 September 2016, on the updated Perth-Adelaide National Highway (Orange Route). This was attended by Main Roads WA, with City of Swan, Shire of Mundaring followed by Q&amp;A session.</li> <li>Hosted consecutive Forums with Department of Transport on Travel Demand Management and Perth Cycling Plan.</li> <li>A meeting was set up with the Department of Sport and Recreation to discuss the Your Move campaign as a result of correspondence provided to the Department's Minister.</li> <li>Advocacy meeting was held with Road Safety Commission, December 2016.</li> <li>At the invitation of the Road Safety Commission - attended a Vulnerable Road Users meeting in November 2016, with the Minister for Road Safety.</li> </ul>

# GOOD GOVERNANCE



## TO MANAGE PARTNERSHIPS AND RELATIONSHIPS WITH STAKEHOLDERS

Continue to foster and enhance relationships with member councils

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement Biennial Stakeholder Perceptions Survey	<ul style="list-style-type: none"> <li>• A Stakeholder Perceptions Survey was administered to key stakeholders.</li> <li>• The results will be presented to Council in March / April 2017.</li> </ul>
Coordinate EMRC's Community Grants Program	<ul style="list-style-type: none"> <li>• Six community groups shared in over \$8,000 of funding as part of EMRC's 2016/2017 Community Grants Program.</li> <li>• A cheque presentation was held at the Red Hill Waste Management Facility in October 2016.</li> </ul>
Coordinate Red Hill Community Liaison Meetings	<ul style="list-style-type: none"> <li>• The Red Hill Community Liaison Meetings were held quarterly through 2016.</li> <li>• The dates for the 2017 Community Liaison Meeting were developed and distributed to the Community Members.</li> </ul>
Develop annual Waste and Recycling Guides for Member Councils in conjunction with the Waste Education Steering Group	<ul style="list-style-type: none"> <li>• Work on the 2016/17 Waste and Recycling guides has commenced.</li> <li>• Anticipated release / issue June 2017</li> </ul>

Continue to foster and enhance relationships with stakeholders including government agencies and business groups

PROJECTS / ACTIONS	PROGRESS COMMENTS
Hold Stakeholders' Dinner / Cocktail Function	<ul style="list-style-type: none"> <li>• Planning for the 2017 Biennial Cocktail function has commenced.</li> </ul>



# GOOD GOVERNANCE



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

### Implement EMRC's Integrated Planning Framework

PROJECTS / ACTIONS	PROGRESS COMMENTS
Review 10 Year Strategic Plan	<ul style="list-style-type: none"> <li>• Council reviewed EMRC's 10 Year Strategic Plan at a workshop held on 30 April 2016.</li> <li>• The draft <i>10 Year Strategic Plan – 2017 to 2027</i> was made available for public comment for a period of three weeks from 4 July to 22 July 2016. No comments were received.</li> <li>• Council adopted the <i>10 Year Strategic Plan – 2017 to 2027</i> at its meeting on 18 August 2016 for implementation from 1 July 2017 onwards.</li> </ul>

### Continue to improve organisational governance

PROJECTS / ACTIONS	PROGRESS COMMENTS
Review Record Keeping Plan	<ul style="list-style-type: none"> <li>• A draft Record Keeping Guideline and Record Keeping Procedures have been created.</li> <li>• Monthly performance indicators are compiled and staff training has been undertaken.</li> </ul>
Complete Statutory Compliance Return	<ul style="list-style-type: none"> <li>• This will be submitted to Council in March 2017 and will be submitted to the Department of Local Government and Communities by 31 March 2017.</li> </ul>
Maintain ISO:14001 system for Red Hill	<ul style="list-style-type: none"> <li>• Red Hill's Environmental Management System is being continually maintained to ensure ISO:14001 certification is sustained.</li> <li>• The annual certification audit is scheduled for 30 January 2017.</li> </ul>
Develop and implement Strategic Internal Audit Plan	<ul style="list-style-type: none"> <li>• The first round of audits under the Strategic Internal Audit Plan was completed by September 2016.</li> <li>• The outcomes of the HR/ OHS, IT, Payroll and Contract Management were presented to the Audit Committee and Council.</li> </ul>
Implement a Contracts Management System	<ul style="list-style-type: none"> <li>• Planning for this has commenced.</li> </ul>

# GOOD GOVERNANCE



## Review and implement the Risk Management Plan

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement priority actions	<ul style="list-style-type: none"> <li>The Risk Management Steering Group continued to meet and monitor organisational risk.</li> </ul>

## Review and implement the Disability Access and Inclusion Plan

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement priority projects	<ul style="list-style-type: none"> <li>EMRC submitted a report against its Disability Access and Inclusion Plan to the Disability Services Commission.</li> <li>EMRC received \$9,500 as part of the Lighthouse Project which will be used towards enhancing the skills of staff to manage and work alongside people with disability.</li> </ul>

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## TO CONTINUE TO IMPROVE FINANCIAL AND ASSET MANAGEMENT PRACTICES

### Develop and review long term financial plans

PROJECTS / ACTIONS	PROGRESS COMMENTS
Review the 5 and 10 year financial plans	<ul style="list-style-type: none"> <li>The 5 and 10 Year financial statements continued to be reviewed and updated regularly.</li> </ul>
Monitor and review investment portfolio	<ul style="list-style-type: none"> <li>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.</li> </ul>
Review and improve credit control of debtors, including implementation of Direct Debits System	<ul style="list-style-type: none"> <li>The Direct Debits system was implemented in September 2015 and has been extended to include new clients with requests for credit up to \$5,000.</li> <li>A draft Management Guideline for Credit Control &amp; Debt Management has been prepared.</li> </ul>

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## Implement Asset Management Plans

PROJECTS / ACTIONS	PROGRESS COMMENTS
Undertake annual condition assessment, valuation and update plant replacement programme for Red Hill	<ul style="list-style-type: none"> <li>The 10 Year Plant Replacement programme for Redhill and Hazelmere was updated based on the information from the Plant Condition Reports and updated into the 10 year financial statements accordingly.</li> <li>The 10 Year Vehicle Replacement programme was updated and updated into the 10 year financial statements accordingly.</li> <li>Valuations on each class of asset were undertaken as per the required schedule on a 3 year cycle.</li> </ul>
Develop a Fleet Management Programme	<ul style="list-style-type: none"> <li>The five year Fleet Management Programme was developed.</li> </ul>
Develop an Office Maintenance Programme (Ascot Place)	<ul style="list-style-type: none"> <li>In progress</li> </ul>
Undertake a cost benefit analysis of bar coding EMRC assets	<ul style="list-style-type: none"> <li>Research and costing details are currently being investigated in order to compile a business case relating to the viability of implementing bar coding of EMRC assets.</li> </ul>

## Review and implement the Strategic IT Plan

PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement Priority Projects	<ul style="list-style-type: none"> <li>Replication of the SynergySoft server to Red Hill was increased to 3 hourly throughout the day on 14 December 2016. This will provide a reduction in potential data loss in the event of a disaster. Replication times are now 7am, 10am, 1pm, 4pm and 7pm.</li> <li>Planning has commenced for the upgrade of SynergySoft.</li> <li>Planning has commenced for the replacement of the Hazelmere server .</li> </ul>

# GOOD GOVERNANCE



## TO IMPROVE ORGANISATIONAL CULTURE, HEALTH, WELFARE AND SAFETY

### Develop and implement a Workforce Plan

PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue to implement organisational culture improvement programmes	<ul style="list-style-type: none"> <li>• The rewards and recognition program continued</li> <li>• The Employee of the Year was recognised.</li> <li>• A number of HR Management Guidelines were reviewed by the Executive team.</li> <li>• Staff Information Sessions and Toolbox meetings continued</li> <li>• EMRC received the “Leading Edge” award for demonstrating commitment to employing people with disability.</li> </ul>

### Review and Implement the Safety Management Plan

PROJECTS / ACTIONS	PROGRESS COMMENTS
Undertake Priority Projects	<ul style="list-style-type: none"> <li>• EMRC's insurers Local Government Insurance Scheme (LGIS) audited various EMRC work sites.</li> <li>• EMRC received Silver recognition and a cheque of \$1,500 to be used towards health initiatives.</li> <li>• Safety inspections were conducted at all EMRC sites and improvements implemented.</li> <li>• Safety committee meetings continued.</li> <li>• The Health Promotion program continued.</li> </ul>



## **2 REGIONAL SERVICES**

### **2.1 REGIONAL SERVICES ACTIVITY REPORT OCTOBER TO DECEMBER 2016**

**REFERENCE: D2017/00277 (CEOAC) - D2017/01687**

#### **PURPOSE OF REPORT**

The purpose of this report is to provide a progress report on the activities undertaken by the Regional Services Directorate for the period 1 October 2016 to 31 December 2016.

#### **KEY ISSUE(S)**

Achievements highlighted for the period 1 October 2016 to 31 December 2016 include:

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

#### **SOURCE OF REPORT**

Director Regional Services

#### **BACKGROUND**

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

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

The three groups are:

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

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

#### **REPORT**

The progress report for individual member Councils, on Regional Services activity for the period 1 October 2016 to 31 December 2016, is provided below.

##### **Town of Bassendean**

The EMRC's Regional Services Directorate delivered the following:

- The Tender for Stages Two and Three of the Understanding and Managing Flood Risk in Perth project under the All West Australians Reducing Emergencies program closed on 18 November 2016. The Contract was awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting Pty Ltd and the project will commence in January 2017.



*Item 2.1 continued*

- Coordinated Planet Footprint Quarterly Service Review to discuss current measures the Town is implementing, potential assets for investigation and current services performed by Planet Footprint.
- Provided information to aid the Town in creating a new carbon emissions reduction target.
- Provided information on Green Power and the Australian Emissions Reduction Target.
- Finalised the Town's Emissions Report Card.
- Hosted a Climate Change Risk Awareness Seminar 'Transport and Alternative Energy for a Low Carbon Future' on 28 October 2016. The Town of Bassendean contributed to the seminar topic.
- Provided information on the Paris Climate Change Agreement, currently the highest level of climate action worldwide.
- Attended the Waterwise Forum held by Water Corporation and Department of Water and provided a summary on the forums presentations and also an update on the Waterwise Council Program.
- Submitted the Town's Water Efficiency Action Plan to Water Corporation on behalf of the Town of Bassendean.
- Attended, and disseminated information from a number of meetings, workshops and seminars including:
  - RAC Roundtable on Car Sharing;
  - Waterwise Council Forum – Water Corporation;
  - WALGA's Climate Change Collaborators meeting;
  - WALGA's Sustainability Officers Networking Group;
  - WALGA's Heritage Workshop; and
  - New Water Ways Speaker Series – Valuing the Economic, Social and Ecological Costs and Benefits of Water Sensitive Urban Design.
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Smart Cities facilitated workshop was held on 16 December 2016 to provide input into potential applications for the Australian Government's Smart Cities and Suburbs Program as well as development of a regional Smart Region Plan.
- The Business Exemplar Project 2016/2017 has commenced. Central Eastern Business Association award winners within the Town of Bassendean have been contacted informing them of the free public relations opportunity on offer.
- The showcase tour of the South West Metropolitan region, to focus on best practice outside our region, was held 18 November 2016. Locations included Leeuwin Barracks, Richmond Quarter, Bathers Beach, The Mantle (a food incubation space), various new developments within the City of Fremantle and City of Cockburn and the Australian Marine Complex.
- The Steamwand has been hired by the Town for non-chemical weed control trials at Broadway Reserve.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute for the Bush Skill 4 Youth program.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.



*Item 2.1 continued*

- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.

**City of Bayswater**

The EMRC's Regional Services Directorate delivered the following:

- The Tender for Stages Two and Three of the Understanding and Managing Flood Risk in Perth project under the All West Australians Reducing Emergencies program closed on 18 November 2016. The Contract was awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting Pty Ltd and the project will commence in January 2017.
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Smart Cities facilitated workshop was held on 16 December 2016 to provide input into potential applications for the Australian Government's Smart Cities and Suburbs Program as well as development of a regional Smart Region Plan.
- The Business Exemplar Project 2016/2017 has commenced. Central Eastern Business Association and Small Business Awards 2016 award winners within the City of Bayswater have been contacted informing them of the free public relations opportunity on offer. A number of businesses have already met with Create Enterprises to develop their media releases.
- The showcase tour of the South West Metropolitan region, to focus on best practice outside our region, was held 18 November 2016. Locations included Leeuwin Barracks, Richmond Quarter, Bathers Beach, The Mantle (a food incubation space), various new developments within the City of Fremantle and City of Cockburn and the Australian Marine Complex.
- The Green Army round four team graduated in December 2016 having undertaken a range of bushland restoration projects for the City with a focus area on the Eric Singleton Bird Sanctuary.
- The EMRC's Steamwand has been hired by the City a number of times to trial non-chemical weed control at a number of reserves.
- Represented Perth's Eastern Region at the WALGA Natural Area Management Network Forum: Weed Management. EMRC's presented on Alternative Weed Management in Perth's Eastern Region and showcased the Steamwand SW700 machine.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute for the Bush Skill 4 Youth program.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.



*Item 2.1 continued*

**City of Belmont**

The EMRC's Regional Services Directorate delivered the following:

- The Tender for Stages Two and Three of the Understanding and Managing Flood Risk in Perth project under the All West Australians Reducing Emergencies program closed on 18 November 2016. The Contract was awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting Pty Ltd and the project will commence in January 2017.
- Undertook data analysis of the City's energy, gas and water consumption.
- Delivered the Climate Change Risk Awareness Seminar – Transport and Alternative Energy of a Low Carbon Future – Friday 28 October 2016.
- Attended, and disseminated information from a number of meetings, workshops and seminars including:
  - Met with Planet Footprint when they came to Perth for a visit;
  - Waterwise Council Forum – Water Corporation;
  - WALGA's Climate Change Collaborators meeting;
  - WALGA's Sustainability Officers Networking Group;
  - WALGA's Heritage Workshop; and
  - New Water Ways Speaker Series – Valuing the Economic, Social and Ecological Costs and Benefits of Water Sensitive Urban Design (WSUD).
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Smart Cities facilitated workshop was held on 16 December 2016 to provide input into potential applications for the Australian Government's Smart Cities and Suburbs Program as well as development of a regional Smart Region Plan.
- The Business Exemplar Project 2016/2017 has commenced. Belmont Environmental Achievers Awards and the Small Business Awards 2016 award winners within the City of Belmont have been contacted informing them of the free public relations opportunity on offer. A number of businesses have already met with Create Enterprises to develop their media releases.
- The showcase tour of the South West Metropolitan region, to focus on best practice outside our region, was held 18 November 2016. Locations included Leeuwin Barracks, Richmond Quarter, Bathers Beach, The Mantle (a food incubation space), various new developments within the City of Fremantle and City of Cockburn and the Australian Marine Complex.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute for the Bush Skill 4 Youth program.
- The Green Army round four team graduated in December 2016. They completed erosion control on the Ascot Racecourse Foreshore including rock pitching and construction of gabion baskets.
- Represented Perth's Eastern Region at the WALGA Natural Area Management Network Forum: Weed Management. EMRC's presented on Alternative Weed Management in Perth's Eastern Region and showcased the Steamwand SW700 machine.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.





### *Item 2.1 continued*

- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.

### **Shire of Kalamunda**

The EMRC's Regional Services Directorate:

- Delivered Bush Skills for the Hills workshops including:
  - Marri Canker Identification; and
  - Blackadder Wonderland Wetland Tour.
- Organised the 2016 End of Year Volunteer function for volunteer catchment groups and 'Friends of groups' to celebrate the year's achievements.
- Represented Perth's Eastern Region at the Department of Parks and Wildlife sub regional coordinators meetings.
- Represented Perth's Eastern Region at the WALGA Natural Area Management Network Forum: Weed Management. EMRC's presented on Alternative Weed Management in Perth's Eastern Region and showcased the Steamwand SW700 machine.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute for the Bush Skill 4 Youth program.
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.
- Prepared a submission for the Shire's Youth Plan 2017-2022.

### **Shire of Mundaring**

The EMRC's Regional Services Directorate:

- Attended, and disseminated information from a number of meetings, workshops and seminars including:
  - Met with Planet Footprint when they came to Perth for a visit;
  - Waterwise Council Forum – Water Corporation;
  - WALGA's Sustainability Officers Networking Group;
  - WALGA's Heritage Workshop;



*Item 2.1 continued*

- New Water Ways Speaker Series – Valuing the Economic, Social and Ecological Costs and Benefits of Water Sensitive Urban Design (WSUD); and
- Eastern Catchment Management Program Steering group meeting.
- Delivered Bush Skills for the Hills workshops including:
  - Marri Canker Identification; and
  - Blackadder Wonderland Wetland Tour.
- Organised the 2016 End of Year Volunteer function for volunteer catchment groups and 'Friends of groups' to celebrate the year's achievements.
- Contractors were engaged to remove Gensita – a Weed of National Significance from Brooking Road and Great Eastern Highway in Parkerville as part of the Swan Alcoa Landcare Program.
- 20 Million Trees Green Army team assisted Friends and Catchment groups to undertake ruffle construction, hand weeding, native grass identification and nesting box construction and conservation activities on private landholder properties.
- Completed alternative weed management spring trials on the Railway Heritage Trail as part of the Steaming to Success Alternative Weed Management project.
- Represented Perth's Eastern Region at the WALGA Natural Area Management Network Forum: Weed Management. EMRC's presented on Alternative Weed Management in Perth's Eastern Region including the trial on the Railway Heritage Trail and showcased the Steamwand SW700 machine.
- Commenced Shire water team meetings to progress implementation of the Shire's Water Efficiency Action Plan.
- Undertook data analysis of the Shire's corporate and community water data to develop a report card to outline current performance.
- Coordinated Planet Footprint Quarterly Performance Review to identify top consuming assets of water and energy, any anomalies, and analyse current performance.
- Undertook data analysis of the Shire's energy, gas and water consumption for Planet Footprint. Commenced Shire's Emissions Report Card.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Smart Cities facilitated workshop was held on 16 December 2016 to provide input into potential applications for the Australian Government's Smart Cities and Suburbs Program as well as development of a regional Smart Region Plan.
- The showcase tour of the South West Metropolitan region, to focus on best practice outside our region, was held 18 November 2016. Locations included Leeuwin Barracks, Richmond Quarter, Bathers Beach, The Mantle (a food incubation space), various new developments within the City of Fremantle and City of Cockburn and the Australian Marine Complex.
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- Developed energy, water and recycling student worksheets for primary schools in the Shire.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute for the Bush Skill 4 Youth program.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.



*Item 2.1 continued*

- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.

**City of Swan**

The EMRC's Regional Services Directorate delivered the following:

- The Tender for Stages Two and Three of the Understanding and Managing Flood Risk in Perth project under the All West Australians Reducing Emergencies program closed on 18 November 2016. The Contract was awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting Pty Ltd and the project will commence in January 2017.
- Organised the 2016 End of Year Volunteer function for volunteer catchment groups and 'Friends of groups' to celebrate the year's achievements.
- The Green Army round four team graduated in December 2016. They undertook a range of bushland restoration projects for the City including conservation activities on private landholder properties.
- The 20 Million Trees Green Army team has supported catchment groups to undertake hand weeding, solarising, macro-invertebrate sampling and mulching within the City of Swan.
- Over 1,500 sedges were planted with contractors, Lower Helena Association and community in Woodbridge as part of the Swan Alcoa Landcare Program.
- Delivered Bush Skills for the Hills workshops including:
  - Marri Canker identification; and
  - Blackadder Wonderland Wetland Tour.
- Continued to deliver the Eastern Region Catchment Management Program.
- Represented Perth's Eastern Region at the WALGA Natural Area Management Network Forum: Weed Management. EMRC's presented on Alternative Weed Management in Perth's Eastern Region and showcased the Steamwand SW700 machine.
- Commenced water team meetings to achieve implementation of the City's Water Efficiency Action Plan. Identified top facilities with the highest volumetric consumption increases of water for investigation.
- Finalised data analysis of the City's corporate and community water data and provided a report card to outline current performance.
- Conducted an online survey with nearly 900 responses, over 50 face-to-face surveys and 15 individual telephone interviews to determine key community engagement messages for the 'Healthy Wildlife Healthy Lives' – A One Health Project.
- Received a certificate of commendation in the Nature Play category in the 2016 Children's Environment and Health Local Government Report Card Project by the Public Health Advocacy Institute, for the Bush Skill 4 Youth program.
- New Regional Environment Strategy 2016-2020 was endorsed by EMRC Council in December 2016. Printed copies will be distributed in the new year.
- Smart Cities facilitated workshop was held on 16 December 2016 to provide input into potential applications for the Australian Government's Smart Cities and Suburbs Program as well as development of a regional Smart Region Plan.
- Represented Perth's Eastern Region at the Road Safety Commission's' Vulnerable Road User Group Forum on 2 November 2016.
- Coordinated a tour of RAC's intelli-bus in South Perth for members of the Regional Integrated Transport Strategy Implementation Advisory Group on 24 November 2016, which was followed by an Advisory Group meeting.
- Coordinated a regional cycling network briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.



*Item 2.1 continued*

- Coordinated a regional travel demand management briefing of the Department of Transport's Perth Transport Plan at 3.5million on 20 October 2016.
- Represented Perth's Eastern Region on the Department of Transport's TravelSmart Officer Network.

In addition to the specific deliverables identified above for each member Council, the EMRC also facilitated regional meetings, assisted with webinars, hosted a range of key stakeholder events, provided key regional advocacy at both a state and federal government level, engaged with high-level stakeholders and lodged submissions on key documents.

## **STRATEGIC/POLICY IMPLICATIONS**

### Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water and land quality and regional biodiversity conservation
- 1.6 To address climate change issues within the region

### Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

### Key Result Area 3 – Economic Development

- 3.1 To facilitate increased investment in regional infrastructure
- 3.2 To facilitate regional economic development activities

### Key Result Area 4 – Good Governance

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

## **FINANCIAL IMPLICATIONS**

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

## **SUSTAINABILITY IMPLICATIONS**

Regional Services operates to pursue environmental, economic and social growth outcomes for Perth's Eastern Region. Environmental management activities support sustainability principles and contribute towards the environmental, social, and economic benefits through water and energy savings, conservation and management of biodiversity and natural areas and community education and engagement.



*Item 2.1 continued*

## **MEMBER COUNCIL IMPLICATIONS**

### **Member Council**

### **Implication Details**

Town of Bassendean  
City of Bayswater  
City of Belmont  
Shire of Kalamunda  
Shire of Mundaring  
City of Swan



Ongoing participating member Council officer time on the following advisory groups: EDOG, RITS IAG and REAG.

### **ATTACHMENT(S)**

Nil



## 2.2 UNDERSTANDING AND MANAGING FLOOD RISK IN PERTH - STAGES TWO AND THREE PROJECT UPDATE

**REFERENCE: D2017/00265 (CEOAC) - D2017/01688**

### PURPOSE OF REPORT

The purpose of this report is to provide an update on the Understanding and Managing Flood Risk in Perth project for Stages Two and Three under the All West Australians Reducing Emergencies (AWARE) program.

### KEY ISSUES

- The EMRC received \$20,000 in co-funding under the All West Australians Reducing Emergencies Program.
- The Understanding and Managing Flood Risk in Perth project for Stages Two and Three continues a flood study for the Swan and Helena Rivers and involves the following key components:
  - preparation of a calibrated hydraulic model utilising the results from Stage One;
  - revised floodplain mapping;
  - Flood Risk and Vulnerability Assessment; and
  - Floodplain Development Strategy.
- A Request for Tender has been undertaken and the Contract awarded to BMT WBM Pty Ltd in partnership with Hydrology and Risk Consulting Pty Ltd.
- The project is a collaboration between the EMRC, Office of Emergency Management, Department of Water, the Cities of Bayswater, Belmont, South Perth and Swan and the Towns of Bassendean and Victoria Park.
- The results will be used to inform a fourth and final stage of the Understanding and Managing Flood Risk in Perth project which is subject to funding.

### SOURCE OF REPORT

Director Regional Services

### BACKGROUND

The Understanding and Managing Flood Risk in Perth's Eastern Region project was developed in partnership with the Department of Water in response to the need for up to date flood risk information in the eastern reaches of the Swan River and a major tributary, the Helena River. Flood risk is identified in two of the EMRC's key strategic documents, the *Regional Climate Change Adaptation Action Plan* and the *Swan and Helena Rivers Management Framework*. Mitigation strategies for flood are also identified in the State Emergency Management Plan for Flood (Westplan Flood, 2010).

The overall objective of the project is to provide updated modelling and mapping to inform and develop mitigation strategies and decision-making on proposed land use and development of flood prone land to support flood emergency response planning, infrastructure design, and flood insurance.

A flood study has three main technical components:

- Hydrology – how much water will flood an area? (Stage One)
- Hydraulics – where will the water go and what areas are likely to be impacted? (Stage Two)
- Damage assessment – what damage will the water do and what are the risks? (Stage Three)



### *Item 2.2 continued*

The EMRC successfully completed Stage One of the project in 2016 with \$100,000 funding through the Natural Disaster Resilience Program (NDRP) administered by the State Emergency Management Committee (SEMC), in partnership with Department of Water and the Cities of Bayswater, Belmont and Swan.

The collaborative partnership has been expanded to include the Towns of Bassendean and Victoria Park and the City of South Perth, which have infrastructure impacted by riverine flooding, as well as to secure the funds needed to complete the project in 2016/17. The All West Australians Reducing Emergencies Program (AWARE) funding will ensure the success of the project and meet strategic priorities for disaster resilience.

## **REPORT**

On 27 June 2016, the EMRC was advised by the SEMC of its successful application to the AWARE program to implement the Understanding and Managing Flood Risk in Perth project for Stages Two and Three. SEMC has since undergone a name change and is now the Office of Emergency Management.

The approved contribution from AWARE for the project is \$20,000 (excl. GST) with another \$268,000 in financial and in-kind contributions from the project funding partners including EMRC, Department of Water, Cities of Bayswater, Belmont, South Perth and Swan and the Towns of Bassendean and Victoria Park. Partners have been provided with Memoranda of Understanding for signature.

Stages Two and Three of the project continue the flood study for the mainstream Swan and Helena Rivers and involves the following key components:

- preparation of a calibrated hydraulic model utilising the results from Stage One and the Assessment of Swan and Canning River Tidal and Storm Surge Water Levels by URS (2013);
- revised floodplain mapping for a range of flood events;
- Flood Risk and Vulnerability Assessment (informed by the outcomes of Stage Two); and
- Floodplain Development Strategy.

The Request for Tender 2016-006 Swan and Helena Rivers Flood Study Stages Two and Three was released on 22 October 2016 for consulting services. The Tender closed on 18 November 2016 and seven submissions were received.

Following a detailed evaluation process, the Tender was awarded to BMT WBM Pty Ltd, one of the foremost water consulting firms in Australia, who have partnered with Hydrology and Risk Consulting, who undertook Stage One. Project works commenced in January 2017 with an initiation meeting and site visit.

Revised mapping and a Floodplain Development Strategy will enable effective flood risk management to improve community resilience to flooding. It will also facilitate the development of Emergency Management planning to reduce emergencies based on best-practice predictive modelling.

A final Stage Four (subject to funding) will utilise the outputs from Stages Two and Three and will involve developing a Community Awareness Guide and other engagement materials, tools or adaptation plans to enable local government and the community to have a greater understanding of possible flood risks in the future and enable greater disaster resilience. The Natural Disaster Resilience Funding has recently opened for applications and the intention is to collaborate with existing project partners to apply for this funding to complete the overall flood study project.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.6 To address climate change issues within the Region.



*Item 2.2 continued*

## **FINANCIAL IMPLICATIONS**

Budget allocation for 2016/2017 is provided for Stages Two and Three in the Environmental Services budget. Future stages are subject to funding.

## **SUSTAINABILITY IMPLICATIONS**

This project continues the region's commitment to managing climate change adaptation and risk to ensure a resilient future. The activities undertaken contribute towards environmental, social and economic benefits through improving knowledge in relation to flood risk.

## **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean City of Bayswater City of Belmont City of Swan	} The project will assist member Council decision-making on proposed flood prone land use including land use planning, development decisions and emergency services response.

## **ATTACHMENT(S)**

Nil





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### **3 WASTE SERVICES**

#### **3.1 COUNCIL TONNAGE COMPARISONS AS AT 31 DECEMBER 2016**

**REFERENCE: D2017/00860 (TAC) - D2017/01587**

#### **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 Hazelmere Resource Recovery Park for the period 1 July 2016 to 31 December 2016.

#### **REPORT**

Attachment 1 to this report indicates that member Council tonnages totalling 70,280.24 tonnes were received at the Red Hill Waste Management Facility during the period 1 July 2016 to 31 December 2016 compared to 68,231.87 tonnes received during the same period in 2015/2016.

Attachment 2 outlines "other" waste that was received at the Red Hill Waste Management Facility being 31,920.94 tonnes. The combined tonnages for the period totaled 102,201.18 tonnes. The 2015/2016 tonnages of 42,852.69 and 111,084.56 respectively for the same period are also provided for comparison purposes.

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 period 1 July 2016 to 31 December 2016. Incoming Waste Timber totaled 6,710.71 tonnes compared to 10,741.75 tonnes for the same period in 2015/2016. The sale of fines and woodchip totaled 8,863.39 tonnes compared to 10,849.68 tonnes for the same period in 2015/2016. Mattresses incoming totaled 1,776 units compared to 4,472 units for the same period in 2015/2016.

#### **ATTACHMENT(S)**

1. Council Tonnages - 1 July 2016 to 31 December 2016 (Ref: D2017/01583)
2. Other Tonnages - 1 July 2016 to 31 December 2016 (Ref: D2017/01584)
3. Tonnages Exported from Red Hill - 1 July 2016 to 31 December 2016 (Ref: D2017/01585)
4. Hazelmere Resource Recovery Park – Incoming Materials and Product Sales - 1 July 2016 to 31 December 2016 (Ref: D2017/01586)

**EASTERN METROPOLITAN REGIONAL COUNCIL**

**2016/2017 YTD COUNCIL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY**

Week Ending	Waste	Bayswater Greenwaste MGB	Belmont Waste	Belmont Uncont G/W	Bassendean Waste	Bassendean Uncont G/W	Swan Waste	Swan Uncont G/W	Kalamunda Waste	Kalamunda Uncont G/W	Mundaring Waste	Mundaring Greenwaste	Total
05-Jul-16	207.70	49.32	153.26	0.00	65.98	0.00	545.28	2.70	292.84	23.42	154.60	0.00	1,495.10
12-Jul-16	315.94	108.58	245.04	0.00	107.02	0.00	1027.30	3.60	456.50	42.08	236.42	0.00	2,542.48
19-Jul-16	357.58	76.02	242.30	0.00	102.82	0.00	936.18	6.60	481.68	25.02	242.00	0.00	2,470.20
26-Jul-16	629.84	111.94	253.62	0.00	110.50	0.00	898.86	6.90	487.92	38.38	243.86	0.00	2,781.82
31-Jul-16	191.82	46.74	177.38	0.00	61.22	0.00	544.98	8.10	239.64	20.46	145.82	0.00	1,436.16
09-Aug-16	525.30	155.36	338.80	0.00	149.04	0.00	1217.16	5.40	688.46	57.80	333.92	0.00	3,471.24
16-Aug-16	347.98	79.32	244.86	0.00	111.22	0.00	878.26	4.50	467.10	30.54	246.32	0.00	2,410.10
23-Aug-16	563.24	139.90	259.30	0.00	116.14	0.00	911.22	5.40	457.22	29.50	280.74	60.12	2,822.78
31-Aug-16	561.26	135.84	315.26	0.00	125.96	0.00	1070.32	6.90	599.38	40.46	511.48	201.26	3,568.12
06-Sep-16	247.00	110.84	242.08	0.00	104.64	0.00	777.76	6.60	380.96	38.06	326.48	69.00	2,303.42
13-Sep-16	401.38	105.84	262.92	0.00	105.88	0.00	957.54	6.00	504.92	43.38	383.24	134.16	2,905.26
20-Sep-16	370.72	156.46	267.70	0.00	120.92	0.00	922.78	7.80	512.86	36.54	370.82	68.02	2,834.62
27-Sep-16	380.54	113.74	267.60	0.00	119.34	0.00	910.74	7.80	485.02	18.32	411.24	65.04	2,779.38
30-Sep-16	187.64	90.74	164.04	0.00	68.28	0.00	504.80	2.40	293.14	0.00	161.02	29.16	1,501.22
04-Oct-16	162.78	62.48	104.90	0.00	44.10	0.00	403.30	3.30	220.16	0.00	174.74	0.00	1,175.76
11-Oct-16	352.40	106.16	274.80	0.00	130.62	0.00	939.44	7.80	455.88	35.98	399.28	18.84	2,721.20
18-Oct-16	322.02	155.72	274.40	0.00	124.66	0.00	1010.28	9.00	501.94	45.82	254.16	0.00	2,698.00
25-Oct-16	360.30	130.38	277.04	0.00	119.20	0.00	1009.66	9.00	447.66	50.78	233.42	0.00	2,637.44
31-Oct-16	273.10	127.66	231.72	0.00	121.82	0.00	832.74	11.70	334.46	37.32	192.78	0.00	2,163.30
08-Nov-16	437.72	137.16	318.72	0.00	283.80	0.00	1211.64	9.00	548.76	55.42	288.52	0.00	3,290.74
15-Nov-16	449.66	134.96	261.46	0.00	220.76	0.00	954.36	13.20	462.68	37.74	232.40	0.00	2,767.22
22-Nov-16	362.52	91.32	269.12	0.00	171.68	0.00	964.42	13.20	463.30	43.80	240.28	0.00	2,619.64
30-Nov-16	637.02	131.84	310.04	18.06	247.78	0.00	1301.64	12.90	516.38	45.96	275.86	0.00	3,497.48
06-Dec-16	290.06	80.62	201.92	0.00	146.66	0.00	828.62	12.00	360.94	35.10	200.76	0.00	2,156.68
13-Dec-16	365.58	128.12	285.74	3.10	151.86	0.00	1067.70	12.30	505.76	40.96	251.02	0.00	2,812.14
20-Dec-16	377.54	88.54	257.94	6.02	105.68	0.00	895.86	15.90	496.46	54.14	245.06	0.00	2,543.14
27-Dec-16	348.22	113.68	251.94	0.00	112.82	0.00	858.16	8.40	449.92	24.32	224.26	0.00	2,391.72
31-Dec-16	208.98	40.94	156.18	0.00	65.92	0.00	530.10	9.90	275.22	34.18	162.46	0.00	1,483.88
<b>Year to Date</b>	<b>10,235.84</b>	<b>3,010.22</b>	<b>6,910.08</b>	<b>27.18</b>	<b>3,516.32</b>	<b>-</b>	<b>24,911.10</b>	<b>226.30</b>	<b>12,387.16</b>	<b>985.48</b>	<b>7,422.96</b>	<b>645.60</b>	<b>70,280.24</b>
<b>31-Dec-16</b>		<b>13,246.06</b>		<b>6,937.26</b>		<b>3,516.32</b>		<b>25,139.40</b>		<b>13,372.64</b>		<b>8,068.56</b>	<b>70,280.24</b>
<b>Year to date</b>	<b>10,175.82</b>	<b>2,568.98</b>	<b>6,755.46</b>	<b>0.00</b>	<b>3,565.60</b>	<b>0.00</b>	<b>23,872.98</b>	<b>3.50</b>	<b>12,796.50</b>	<b>799.00</b>	<b>7,241.21</b>	<b>452.82</b>	<b>68,231.87</b>
<b>31-Dec-15</b>		<b>12,744.80</b>		<b>6,755.46</b>		<b>3,565.60</b>		<b>23,876.48</b>		<b>13,595.50</b>		<b>7,694.03</b>	<b>68,231.87</b>

**EASTERN METROPOLITAN REGIONAL COUNCIL**

**2016/2017 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 Mattress Waste	Non Member Council Waste	Total Other	Total Tonnages (Council & Other)
05-Jul-16	87.08	0.00	72.80	14.54	3.46	632.40	32.28	49.04	0.00	891.60	2,386.70
12-Jul-16	106.56	97.93	14.86	20.18	19.54	961.54	46.40	113.26	0.00	1380.27	3,922.75
19-Jul-16	124.68	93.56	0.00	12.88	15.28	1104.42	71.12	120.56	0.00	1542.50	4,012.70
28-Jul-15	124.86	46.05	68.84	16.84	17.00	971.06	49.74	122.86	0.00	1417.25	4,199.07
31-Jul-16	117.06	87.64	0.00	9.06	13.14	691.55	36.48	48.94	0.00	1003.87	2,440.03
09-Aug-16	142.32	408.26	0.00	13.26	13.32	1346.58	67.90	35.66	0.00	2030.30	5,501.54
16-Aug-16	119.84	51.70	0.00	13.38	15.00	1073.30	67.70	51.14	0.00	1392.06	3,802.16
23-Aug-16	98.62	35.82	0.00	12.02	19.30	919.62	60.22	0.00	0.00	1145.60	3,968.38
31-Aug-16	145.22	6.56	0.00	10.92	36.24	1138.18	65.88	140.62	0.00	1543.62	5,111.74
06-Sep-16	105.04	0.00	0.00	7.10	8.32	837.58	31.82	30.88	0.00	1020.74	3,324.16
13-Sep-16	116.36	5.38	0.00	11.78	22.84	883.48	61.92	0.00	0.00	1101.76	4,007.02
20-Sep-16	110.02	0.00	0.00	19.46	19.22	1065.58	56.92	0.00	0.00	1271.20	4,105.82
27-Sep-16	122.10	0.00	0.00	15.54	18.94	851.50	56.50	0.00	0.00	1064.58	3,843.96
30-Sep-16	50.98	0.00	0.00	6.82	15.80	604.03	23.00	38.00	0.00	738.63	2,239.85
04-Oct-16	65.82	0.00	0.00	5.98	5.82	407.98	28.20	0.00	0.00	513.80	1,689.56
11-Oct-16	149.72	0.00	0.00	16.92	17.64	937.10	60.26	115.72	0.00	1297.36	4,018.56
18-Oct-16	136.34	0.00	0.00	16.44	15.54	1013.25	58.18	0.00	0.00	1239.75	3,937.75
25-Oct-16	147.48	6.68	0.00	21.96	21.26	920.78	67.14	0.00	0.00	1185.30	3,822.74
31-Oct-16	110.50	0.00	10.58	13.84	15.82	820.49	43.80	0.00	0.00	1015.03	3,178.33
08-Nov-16	134.58	0.00	0.00	20.62	26.66	1169.60	70.92	238.32	0.00	1660.70	4,951.44
15-Nov-16	108.54	0.00	0.00	15.98	17.06	834.58	77.76	27.42	0.00	1081.34	3,848.56
22-Nov-16	108.74	0.00	0.00	19.56	16.06	882.70	81.42	0.00	0.00	1108.48	3,728.12
30-Nov-16	132.54	0.00	0.00	25.64	26.88	551.30	84.92	166.50	0.00	987.78	4,485.26
06-Dec-16	110.06	59.66	0.00	13.38	18.64	473.42	59.12	0.00	0.00	734.28	2,890.96
13-Dec-16	131.84	22.88	0.00	21.18	43.00	438.68	69.38	0.00	0.00	726.96	3,539.10
20-Dec-16	128.86	0.00	0.00	23.12	22.04	961.86	49.64	106.28	0.00	1291.80	3,834.94
27-Dec-16	82.36	4.44	0.00	17.62	14.10	825.56	21.46	54.82	0.00	1020.36	3,412.08
31-Dec-16	94.48	0.00	0.00	10.84	6.00	394.56	8.14	0.00	0.00	514.02	1,997.90
<b>Year to date 31-Dec-16</b>	<b>3,212.60</b>	<b>926.56</b>	<b>167.08</b>	<b>429.86</b>	<b>503.92</b>	<b>23,712.68</b>	<b>1,508.22</b>	<b>1,460.02</b>	<b>0.00</b>	<b>31,920.94</b>	<b>102,201.18</b>
<b>Year to date 31-Dec-15</b>	<b>3,287.04</b>	<b>490.62</b>	<b>1,058.54</b>	<b>431.90</b>	<b>571.36</b>	<b>33,687.83</b>	<b>1,481.22</b>	<b>972.62</b>	<b>871.56</b>	<b>42,852.69</b>	<b>111,084.56</b>

**EASTERN METROPOLITAN REGIONAL COUNCIL**  
**2016/2017 YTD TONNAGES EXPORTED FROM RED HILL WASTE MANAGEMENT FACILITY**

Week Ending	Clay	Ferricrete	Filter / Laterite Rock	Recycled Material from Transfer Stn	Mulch Std, Fines, Coarse	Soil Improver	Total
05-Jul-16	0.00	158.68	0.00	4.32	0.00	25.42	188.42
12-Jul-16	0.00	264.06	40.62	5.80	0.00	18.60	329.08
19-Jul-16	0.00	383.50	0.00	14.14	0.00	22.24	419.88
26-Jul-16	0.00	433.01	24.40	15.76	0.00	22.28	495.45
31-Jul-16	0.00	85.46	0.00	5.36	0.00	9.10	99.92
09-Aug-16	0.00	224.74	0.00	19.52	0.00	21.72	265.98
16-Aug-16	0.00	507.56	0.00	4.06	0.00	18.76	530.38
23-Aug-16	0.00	327.36	0.00	5.10	0.00	4.82	337.28
31-Aug-16	0.00	1479.68	0.00	17.20	0.00	10.32	1507.20
06-Sep-16	0.00	1591.00	0.00	4.86	13.24	31.28	1640.38
13-Sep-16	0.00	206.68	0.00	9.98	48.22	44.86	309.74
20-Sep-16	0.00	1075.14	6.06	8.24	22.80	48.68	1160.92
27-Sep-16	0.00	2016.60	12.24	5.80	12.46	30.74	2077.84
30-Sep-16	0.00	61.78	18.78	7.38	14.28	22.44	124.66
04-Oct-16	0.00	689.38	9.98	0.10	0.00	7.32	706.78
11-Oct-16	0.00	2525.58	22.78	5.24	47.62	53.44	2654.66
18-Oct-16	0.00	3989.75	0.00	13.44	12.96	22.06	4038.21
25-Oct-16	0.00	5981.03	11.06	13.84	76.02	67.36	6149.31
31-Oct-16	0.00	625.96	0.00	4.70	6.46	25.34	662.46
08-Nov-16	0.00	528.66	56.40	5.76	117.40	92.62	800.84
15-Nov-16	0.00	465.84	0.00	2.50	32.04	25.08	525.46
22-Nov-16	0.00	72.32	0.00	12.84	82.12	19.90	187.18
30-Nov-16	0.00	243.70	0.00	7.96	53.52	51.82	357.00
06-Dec-16	0.00	17.32	0.00	8.40	41.60	27.64	94.96
13-Dec-16	0.00	336.58	0.00	3.20	69.74	41.20	450.72
20-Dec-16	0.00	443.36	0.00	6.84	26.08	22.08	498.36
27-Dec-16	0.00	103.56	0.00	3.72	25.98	23.68	156.94
31-Dec-16	0.00	104.82	0.00	0.82	6.54	10.28	122.46
<b>Year to date 31-Dec-16</b>	<b>0.00</b>	<b>24,943.11</b>	<b>202.32</b>	<b>216.88</b>	<b>709.08</b>	<b>821.08</b>	<b>26,892.47</b>
<b>Year to date 31-Dec-15</b>	<b>0.00</b>	<b>20,802.55</b>	<b>858.06</b>	<b>293.68</b>	<b>5,342.80</b>	<b>693.02</b>	<b>27,990.11</b>

20/09/2016 - Dkts 201346 & 210407 - Ferricrete Sales - Cancelled - Customer not happy - product not suitable.

15/12/2016 - Dkt 225578 - Ferricrete Sales - Load Rejected - customer not happy with new product size (26.08 tonnes returned to stockpile)

EASTERN METROPOLITAN REGIONAL COUNCIL 2016/2017 YTD - COUNCIL TONNAGES Hazelmere Resource Recovery Park - Incoming Materials & Product Sales						
Month	Timber Recycling			Mattress Processing		Hazelmere Waste to Red Hill
	Incoming Waste Timber Tonne	Sale of Fines Tonne	Sale of Woodchip Tonne	Mattresses Received This includes mattresses from Red Hill Number	Mattress/Woodwaste Tonne	
Jul-2016	1,124.67	929.78	60.21	328	454.66	
Aug-2016	1,101.66	1788.89	256.38	256	227.42	
Sep-2016	1,080.22	1191.11	81.28	230	68.88	
Oct-2016	1,217.40	1560.22	33.51	299	115.72	
Nov-2016	1,092.00	1133.11	67.34	154	344.30	
Dec-2016	1,094.76	1676.44	85.11	509	0.00	
Jan-2017	0.00	0.00	0.00	0		
Feb-2017	0.00	0.00	0.00	0		
Mar-2017	0.00	0.00	0.00	0		
Apr-2017	0.00	0.00	0.00	0		
May-2017	0.00	0.00	0.00	0		
Jun-2017	0.00	0.00	0.00	0		
<b>Year to Date 31-Dec-16</b>	<b>6,710.71</b>	<b>8,279.56</b>	<b>583.83</b>	<b>1,776</b>	<b>1,210.98</b>	
<b>YTD Comparison 31-Dec-15</b>	<b>10,741.75</b>	<b>9,199.57</b>	<b>1,650.11</b>	<b>4,472</b>	<b>973</b>	
<b>Previous Yr total 31-Jul-16</b>	<b>18,358.37</b>	<b>18,605.77</b>	<b>2,593.75</b>	<b>8,250</b>	<b>4,303.04</b>	



## **15 REPORTS OF COMMITTEES**

### **15.1 CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD 31 JANUARY 2017 (REFER TO MINUTES OF COMMITTEE – MAUVE PAGES) REFERENCE: D2017/00167 (CEOAC) – D2017/01689**

The minutes of the Chief Executive Officers Advisory Committee meeting held on **31 January 2017** accompany and form part of this agenda – (refer to mauve section of 'Minutes of Committees' for Council accompanying this Agenda).

#### **QUESTIONS**

The Chairman invited general questions from members on the minutes of the Chief Executive Officers Advisory Committee.

#### **RECOMMENDATION(S)**

That with the exception of items ....., which are to be withdrawn and dealt with separately, Council adopts the recommendations in the Chief Executive Officers Advisory Committee report (Section 15.1).

#### **COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR EHRHARDT

THAT COUNCIL ADOPTS THE RECOMMENDATIONS IN THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE REPORT (SECTION 15.1).

**CARRIED UNANIMOUSLY**

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## CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

### MINUTES

31 January 2017

(REF: D2017/00167 (CEOAC) – D2016/01689)

A meeting of the Chief Executive Officers Advisory Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Tuesday, 31 January 2016**. The meeting commenced at **12:30pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 12:30pm.

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

### Committee Members

Mr Stuart Cole ( <b>Chairman</b> )	Chief Executive Officer	City of Belmont
Ms Rhonda Hardy ( <b>Deputy Chairman</b> )	Chief Executive Officer	Shire of Kalamunda
Mr Bob Jarvis	Chief Executive Officer	Town of Bassendean
Ms Carissa Bywater	Acting Chief Executive Officer	City of Bayswater
Mr Jonathan Throssell	Chief Executive Officer	Shire of Mundaring
Mr Mike Foley	Chief Executive Officer	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

### EMRC Officers

Mrs Wendy Harris	Director Regional Services
Mr Stephen Fitzpatrick	Director Waste Services
Ms Theresa Eckstein	Executive Assistant to Chief Executive Officer (Minutes)

## 3 DISCLOSURE OF INTERESTS

Nil

## 4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

## 5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

### 5.1 CONFIDENTIAL PRESENTATION ON RESOURCE RECOVERY FACILITY TENDER

A confidential presentation was provided by Director Waste Services on the Resource Recovery Facility Tender under Item 15.

## 6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

### 6.1 MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 15 NOVEMBER 2016

That the minutes of the Chief Executive Officers Advisory Committee meeting held on 15 November 2016, which have been distributed, be confirmed.

### CEOAC RESOLUTION(S)

MOVED MR THROSSELL                      SECONDED MR JARVIS

THAT THE MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 15 NOVEMBER 2016 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**





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**7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN**

Nil

**8 QUESTIONS BY MEMBERS WITHOUT NOTICE**

Nil

**9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC**

Confidential presentation updating the CEOAC on the progress of the Resource Recovery Facility Tender.

**10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING**

Nil



## 11 REPORTS OF EMPLOYEES

### 11.1 PROPOSED REGIONAL SERVICES CONSULTING RATES 2017/2018 AND MISCELLANEOUS FEES AND CHARGES

**REFERENCE: D2017/00272 (CEOAC) – D2017/02355**

#### PURPOSE OF REPORT

The purpose of this report is to seek support of the proposed 2017/2018 Regional Services consulting rates, administration fees and charges and steam weeder hire charges for use in developing the draft 2017/2018 budget.

#### KEY ISSUES AND RECOMMENDATION(S)

- Regional Services coordinates, facilitates, jointly funds and manages regionally significant projects that aim to improve social, economic and environmental outcomes for Perth's Eastern Region.
- For the 2017/2018 budget year, no consultancy rate increases are proposed. The proposed Regional Services consulting rates will be used to develop the draft 2017/2018 budget.
- In order to recover costs, a charge out rate was established for the hire of the steam weed machine by local governments and community groups in 2016/2017 and no increase has been recommended for 2017/2018.
- The administration fees for photocopying of documents provided to members of the public are unchanged from the previous year.

#### Recommendation(s)

That the proposed 2017/2018 Regional Services consulting rates, administration fees and charges and steam weeder hire charges, forming Attachment 1 and 2 to this report, be utilised in developing the draft 2017/2018 budget.

#### SOURCE OF REPORT

Director Regional Services  
 Director Corporate Services

#### BACKGROUND

Consulting rates are reviewed on an annual basis as part of the preparation of the annual budget. The Regional Services consulting rates have evolved over time to meet the needs of the member Councils by providing a mix of rates based on the diversity of tasks and experience required to fulfil consulting activities. The rates have generally increased in accordance with CPI or marginally lower than CPI.

The Regional Services Project Funding Summary provided to Council within this agenda outlines proposed Regional Services projects for 2017/2018. Project costs for these are determined using the proposed consulting rates.

An administration fee for the photocopying of documents provided to members of the public was first imposed by Council on 19 April 2012 to take effect from 1 July 2012 (Ref: DMDOC/161596).



*Item 11.1 continued*

## **REPORT**

EMRC recognises the importance of maintaining reasonable charge out rates for member Councils to maintain the current levels of utilisation in line with member Council budget expectations, as well as provide a service that is competitive in the marketplace.

### **Regional Services Consulting Rates**

The proposed consulting rates will be used to develop the draft 2017/2018 budget and form part of the Regional Services Project Funding Summary 2017/2018 to be presented to Council in February.

It is recommended that the Regional Services consulting rates for 2017/2018 for member Councils remain unchanged, in order for the EMRC to provide value to member Councils. The Schedule of Rates is shown as Attachment 1. It is recommended that Other Organisations Consulting Fees are also not increased as they remain in line with commercial consulting rates.

The rates are based around three levels of consultants in addition to Manager and Director. It is expected that most consulting activities would be undertaken by the Coordinators, Consultants and Project Officers in order to provide the best value for money proposition for member Councils.

### **Steam Weed Machine – Hire Fee**

A fee was established for the hire of the steam weed machine on a cost recovery basis in 2016/2017 so that it could be hired out to local governments and community groups (refer Attachment 1). No increase is being recommended for 2017/2018.

### **Administration Fees and Charges – Photocopy Fees**

Under section 6.16 of the *Local Government Act 1995*, a local government may impose and recover a fee or charge for any goods or service it provides, other than those for which a service charge is statutorily imposed. From time to time, the EMRC receives requests to provide photocopies of various materials including, but not limited to, agendas and minutes. The schedule of fees proposed to deliver this service for black and white and colour photocopying is shown in Attachment 2 and no increases are recommended over the previous year's fees.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water & land quality and regional biodiversity conservation
- 1.6 To address climate change issues within the region

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

Key Result Area 3 – Economic Development

- 3.1 To facilitate increased investment in regional infrastructure
- 3.2 To facilitate regional economic development activities

Key Result Area 4 – Good Governance

- 4.2 To manage partnerships and relationships with stakeholders
- 4.3 To provide responsible and accountable governance and management of the EMRC
- 4.4 To continue to improve financial and asset management practices



*Item 11.1 continued*

## **FINANCIAL IMPLICATIONS**

The proposed rates will be used to develop detailed budgets and project plans for Regional Services consulting activities in 2017/2018.

## **SUSTAINABILITY IMPLICATIONS**

The rates being proposed for the EMRC member Councils recognise the competing demands on budgets from other sources and have been designed to facilitate the achievement of a sustainable service delivery arrangement.

## **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} The Regional Services Consulting Rates are used annually to assist with the formulation of budgets and for member Councils to be able to utilise EMRC consultancy services as and when required.
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## **ATTACHMENT(S)**

1. 2017/2018 Regional Services Consulting Rates and Steam Weed Machine Charges (Ref: D2017/02356)
2. 2017/2018 Administration Fees and Charges (Ref: D2017/02357)

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That the proposed 2017/2018 Regional Services consulting rates, administration fees and charges and steam weeder hire charges, forming Attachment 1 and 2 to this report, be utilised in developing the draft budget for 2017/2018.

## **CEOAC RECOMMENDATION(S)**

MOVED MR FOLEY

SECONDED MR THROSSELL

That the proposed 2017/2018 Regional Services consulting rates, administration fees and charges and steam weeder hire charges, forming Attachment 1 and 2 to this report, be utilised in developing the draft budget for 2017/2018.

**CARRIED UNANIMOUSLY**

## **COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR EHRHARDT

THAT THE PROPOSED 2017/2018 REGIONAL SERVICES CONSULTING RATES, ADMINISTRATION FEES AND CHARGES AND STEAM WEEDER HIRE CHARGES, FORMING ATTACHMENT 1 AND 2 TO THIS REPORT, BE UTILISED IN DEVELOPING THE DRAFT BUDGET FOR 2017/2018.

**CARRIED UNANIMOUSLY**

**Proposed Regional Services (Environmental Services and Regional Development)  
Consulting Rates 2017/2018**

	Prior Year Actual Hourly Rate								Proposed		
	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	% Change	2017/2018
<b>Member Council Consulting Fees</b>	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)		(inc GST)
Consultant Director	\$92.00	\$96.00	\$99.00	\$102.00	\$105.00	\$108.00	\$111.00	\$111.00	\$111.00	0.00%	\$122.10
Consultant Manager	\$82.00	\$86.00	\$88.50	\$91.00	\$93.00	\$95.00	\$97.50	\$97.50	\$97.50	0.00%	\$107.25
Senior Consultant	\$71.00	\$74.00	\$76.00	\$78.00	\$80.00	\$82.00	\$84.00	\$84.00	\$84.00	0.00%	\$92.40
Consultant	\$63.00	\$66.00	\$68.00	\$70.00	\$72.00	\$74.00	\$76.00	\$76.00	\$76.00	0.00%	\$83.60
Project Officer	\$48.00	\$50.00	\$51.50	\$53.00	\$54.50	\$56.00	\$57.50	\$57.50	\$57.50	0.00%	\$63.25
<b>Other Organisations Consulting Fees</b>											
Consultant Director	\$174.00	\$182.00	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	0.00%	\$206.25
Consultant Manager	\$153.00	\$160.00	\$165.00	\$165.00	\$165.00	\$165.00	\$165.00	\$165.00	\$165.00	0.00%	\$181.50
Senior Consultant	\$153.00	\$160.00	\$165.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	0.00%	\$165.00
Consultant	\$139.00	\$145.00	\$149.50	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	\$125.00	0.00%	\$137.50
Project Officer	\$121.00	\$127.00	\$131.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	0.00%	\$110.00

**Hire Charges for Steam Weed Machine**

<b>Hire without an EMRC Operator</b>	<b>Fee (Ex GST)</b>
Hourly Charge out rate	\$18.87 per hour (min 4 hrs applies)
Daily rate	\$150.00
<b>EMRC Hourly Operator Charge</b>	
EMRC Operator	\$57.50 per hour (min 4 hrs applies)

**PROPOSED 2017/2018  
ADMINISTRATION FEES AND CHARGES**

<b>DETAILS</b>	<b>\$ PER PAGE (including GST)</b>
<b>Photocopy Fees</b>	
Black & White A4 Print	\$ 0.35
Black & White A3 Print	\$ 0.50
Colour A4 Print	\$ 0.45
Colour A3 Print	\$ 0.60



## 11.2 REGIONAL SERVICES PROJECT FUNDING SUMMARY 2017/2018

**REFERENCE: D2017/00283 (CEOAC) – D2017/02358**

### PURPOSE OF REPORT

The purpose of this report is to provide Council with the Regional Services Project Funding Summary for 2017/2018.

### KEY ISSUES AND RECOMMENDATION(S)

- The Regional Services Project Funding Summary for 2017/2018 has been developed, having regard for the Funding Model paper which was approved by Council at its 1 December 2016 Council meeting.
- New strategies are being developed in consultation with member Councils for the Regional Services Directorate including Advocacy, Economic Development, Integrated Transport and Environment.
- The programs/projects and associated financial commitments have been prepared for participating member Councils' consideration.
- It is proposed that for the period 2017/2018 the following programs/projects be delivered:
  - Regional Development projects include:
    1. Regional transport strategy related projects;
    2. Regional economic development related projects;
    3. Regional events program; and
    4. Regional advocacy.
  - Environmental Services programs/projects include:
    1. Regional Environment Strategy related projects;
    2. Eastern Region Catchment Management Program;
    3. Environment and Sustainability Program; and
    4. Understanding and Managing Flood Risk project.
- Development of a Smart Cities Plan with proposed concepts/projects which will be a whole of Regional Services initiative, encompassing both Regional Development and Environmental Services, is also proposed.

#### **Recommendation**

That Council notes the programs/projects and funding commitments outlined in the Regional Services Project Funding Summary for 2017/2018 which will form the basis of consultation with member Councils.

### SOURCE OF REPORT

Director Regional Services



*Item 11.2 continued*

## **BACKGROUND**

Regional Services delivers regionally focused projects to member Councils in the areas of environment and sustainability, economic development (including digital and event related programs) and integrated transport. The programs/projects have varied in response to the needs of member Councils and emerging regional issues that are deemed appropriate to be dealt with on a regional basis.

Delivery of services is driven through an annual process aligned to the business planning and budget processes of all member Councils. This annual process provides for the EMRC to deliver programs/projects in accordance with the financial contributions received from member Councils and other financial contributions, including grant funding.

The programs/projects being delivered in 2016/2017 include:

### **Regional Development**

- Regional integrated transport strategy related projects (RITS);
- Regional economic development strategy (REDS) related projects;
- Regional events program; and
- Regional advocacy.

### **Environmental Services**

- Regional Environment Strategy related projects including regional grants and advocacy;
- Eastern Region Catchment Management Program (ERCMP);
- Future Proofing Climate Change Program;
- Understanding and Managing Flood Risk project;
- Achieving Climate Emission Reductions (ACER) program;
- Water Quality and Conservation Program including the Cooperative Research Centre for Water Sensitive Cities; and
- Swan and Helena Rivers Management Framework.

## **REPORT**

The Regional Services directorate coordinates, facilitates and jointly funds regionally significant projects that improve social, economic and environmental outcomes for Perth's Eastern Region. The Regional Development and Environmental Services projects are consistent with the EMRC's 10 Year Strategic Plan 2017 to 2027 adopted by Council at its meeting of 18 August 2016 (Ref: D2016/10193) which takes effect from 1 July 2017.

The Project Funding Summary has been developed, having regard for the Funding Model paper which was approved by Council at its 1 December 2016 Council meeting, whereby Council resolved:

*"THAT COUNCIL SUPPORTS OPTION 1 AS THE PREFERRED FUNDING MODEL FOR MEMBER COUNCILS AND THE EMRC TO DELIVER REGIONAL SERVICES, TO BECOME EFFECTIVE FROM 1 JULY 2017 FOR THE 2017/2018 AND 2018/2019 FINANCIAL YEARS."*

Option 1 states that: *"The 'status quo' to remain for 2017/2018 and 2018/2019 whereby funding continues as business as usual, retaining the current level of service. Contributions continue to be a mix of member Council contributions, grant funding and EMRC contributions."*





*Item 11.2 continued*

The projects are also in line with the new strategies being developed in consultation with member Councils and other key stakeholders including:

- Regional Advocacy Strategy 2016 – 2020;
- Regional Environment Strategy 2016 – 2020;
- Regional Economic Development Strategy 2017 – 2021; and
- Regional Integrated Transport Strategy 2017 – 2021.

The Regional Services Project Funding Summary 2017/2018 demonstrates continued delivery of Regional Development and Environmental Services programs/projects and includes the proposed financial contributions of participating member Councils. Program/project delivery is managed by the EMRC in collaboration with participating member Councils.

A copy of the Regional Services Project Funding Summary 2017/2018 is attached (Ref: D2017/00599).

Table 1 below depicts the level of funding required from participating member Councils to deliver the Regional Development programs/projects.

**Table 1 – Regional Development**

Individual Member Councils Contributions 2017/2018	Economic Development	Events	Integrated Transport	Total Required
	\$	\$	\$	\$
Town of Bassendean	8,445	5,380	5,900	19,725
City of Bayswater	15,065	10,858	11,876	37,799
City of Belmont	13,027	9,238	10,037	32,302
Shire of Kalamunda	0	0	10,726	10,726
Shire of Mundaring	12,264	0	9,348	21,612
City of Swan	0	0	21,071	21,071
<b>TOTAL</b>	<b>48,801</b>	<b>25,476</b>	<b>68,958</b>	<b>143,235</b>

*All figures are excluding GST and are based on the approved funding model  
 Refer to the Project Funding Summary Attachment for breakdown of above figures.*



Item 11.2 continued

Table 2 below depicts the level of funding required from participating member Councils to deliver the Environment Services programs/projects.

**Table 2 – Environment Services**

Individual Member Councils Contributions 2017/2018	Eastern Region Catchment Management Program (NRM)	Environment and Sustainability	Flood Study (subject to funding)	Total Required
	\$	\$	\$	\$
Town of Bassendean	0	40,310	10,000	50,310
City of Bayswater	0	0	10,000	10,000
City of Belmont	0	44,127	10,000	54,127
Shire of Kalamunda	35,360	0	0	35,360
Shire of Mundaring	35,360	26,734	0	62,094
City of Swan	35,360	16,053	10,000	61,413
<b>TOTAL</b>	<b>106,080</b>	<b>127,224</b>	<b>40,000</b>	<b>273,304</b>

All figures are excluding GST and are based on the approved funding model

Refer to the Project Funding Summary Attachment for breakdown of above figures.

Table 3 below comprises a summary of the total funding required from participating member Councils to deliver both Regional Development and Environmental Services in 2017/2018 under the approved funding model.

**Table 3 – Total contributions for Environmental Services and Regional Development**

Councils Contributions 2017/2018	Environmental Services	Regional Development	Totals
	\$	\$	\$
Town of Bassendean	50,310	19,725	70,035
City of Bayswater	10,000	37,799	47,799
City of Belmont	54,127	32,302	86,429
Shire of Kalamunda	35,360	10,726	46,086
Shire of Mundaring	62,094	21,612	83,706
City of Swan	61,413	21,071	82,484
<b>TOTAL</b>	<b>273,304</b>	<b>143,235</b>	<b>416,539</b>

All figures are excluding GST and are based on the approved funding model

**NOTE:** The funding contributions outlined above do not include a contribution from each council to progress the new Smart Cities initiative and develop a regional Smart Cities Plan. Smart Cities is a new opportunity to be progressed in the region and beyond. The federal government programs under the Smart Cities umbrella are for regional scale, collaborative initiatives. In order to progress this, an indicative amount for each council is included that would be in addition to the programs already being delivered.



*Item 11.2 continued*

Given Smart Cities is likely to be applicable to environment, economic development and integrated transport (and possibly waste) a notional figure is proposed for member Councils and three non-member Councils to enable EMRC staff, in conjunction with other councils staff, to progress the development of a regional Smart Cities Plan and development of regional scale initiatives.

Refer to Page 5 of 29 of the Regional Services Project Funding Summary 2017/2018 attachment for more details about the new Smart Cities initiative.

**Table 4 – Smart Cities**

<b>Councils Contributions 2017/2018</b>	<b>Smart Cities</b>
	<b>\$</b>
Town of Bassendean	5,000
City of Bayswater	5,000
City of Belmont	5,000
Shire of Kalamunda	5,000
Shire of Mundaring	5,000
City of Swan	5,000
Non-member Councils x 3	15,000
<b>TOTAL</b>	<b>45,000</b>

Member Councils indicative support is requested for the programs/projects and associated financial contributions as outlined in the Regional Services Project Funding Summary (attached) for the 2017/2018 financial year.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water and land quality and regional biodiversity conservation
- 1.6 To address climate change issues within the region

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

Key Result Area 3 – Economic Development

- 3.1 To facilitate increased investment in regional infrastructure
- 3.2 To facilitate regional economic development activities

Key Result Area 4 – Good Governance

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



*Item 11.2 continued*

## **FINANCIAL IMPLICATIONS**

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

## **SUSTAINABILITY IMPLICATIONS**

The Regional Services Directorate operates to pursue environmental, economic and social outcomes for Perth's Eastern Region. In pursuit of these objectives, sustainability considerations are also integrated wherever possible in all activities undertaken by the Directorate.

## **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} Financial implications will apply to participating member Councils as outlined within the report and attachment.
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## **ATTACHMENT(S)**

Regional Services Project Funding Summary 2017/2018 (Ref: D2017/02359)

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That Council notes the programs/projects and funding commitments outlined in the Regional Services Project Funding Summary for 2017/2018 forming the attachment to this report which will form the basis of consultation with member Councils.

## **CEOAC RECOMMENDATION(S)**

MOVED MR FOLEY

SECONDED MR THROSSELL

That Council notes the programs/projects and funding commitments outlined in the Regional Services Project Funding Summary for 2017/2018 forming the attachment to this report which will form the basis of consultation with member Councils.

**CARRIED UNANIMOUSLY**



*Item 11.2 continued*

**COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR EHRHARDT

THAT COUNCIL NOTES THE PROGRAMS/PROJECTS AND FUNDING COMMITMENTS OUTLINED IN THE REGIONAL SERVICES PROJECT FUNDING SUMMARY FOR 2017/2018 FORMING THE ATTACHMENT TO THIS REPORT WHICH WILL FORM THE BASIS OF CONSULTATION WITH MEMBER COUNCILS.

**CARRIED UNANIMOUSLY**



Advancing Perth's Eastern Region 

## **REGIONAL SERVICES**

### **PROJECT FUNDING SUMMARY 2017-2018**

**January 2017**

## EXECUTIVE SUMMARY

The Regional Services Project Funding Summary outlines the proposed projects for delivery in 2017/2018.

The Regional Services Directorate currently comprises the two positions of Director Regional Services and Regional Services Administration Officer who support the overall directorate and work under the four strategies:

- Regional Advocacy Strategy 2016-2020;
- Regional Environment Strategy 2016- 2020;
- Regional Integrated Transport Strategy 2017-2021; and
- Regional Economic Development Strategy 2017-2021.

The remainder of staff in the Directorate work in the Environmental Services or Regional Development business units within Regional Services.

Under the EMRC's Establishment Agreement, notice of withdrawal by a member Council under clause 9.6 is required to be given at any time between 1 July and 31 December in any year, becoming effective from 1 July in the following year (e.g. 1 July 2017).

As at 1 January 2017, no notices of intention to withdraw from any programs for 2017/2018 had been received from any of the EMRC's member Councils.

The Regional Services Project Funding Summary 2017/2018 comprises of regional development and environmental services projects and also notes participation in regional advocacy campaigns and possible involvement in the Smart Cities program through the development of a regional Smart Cities Plan.

## REGIONAL SERVICES PROJECTS

### REGIONAL ADVOCACY PROGRAM

#### PURPOSE

The Regional Advocacy Strategy 2016-2020 outlines key components that will be used to develop advocacy campaigns, and identifies the focus areas to address advocacy priorities. The priority areas and corresponding areas of focus are shown in the table below:

ADVOCACY PRIORITIES	AREAS OF FOCUS
Regional Waste Management Priorities	<ul style="list-style-type: none"> <li>• Waste reduction and resource recovery</li> <li>• Environmentally sustainable solutions</li> <li>• Capacity for the future</li> </ul>
Regional Environmental Priorities	<ul style="list-style-type: none"> <li>• Swan and Helena Rivers</li> <li>• Natural resource management</li> <li>• Climate change</li> </ul>
Regional Economic Development Priorities	<ul style="list-style-type: none"> <li>• Business growth, investment and innovation</li> <li>• Infrastructure to support strategic centres and population growth</li> <li>• Maximise infrastructure benefits</li> </ul>
Regional Integrated Transport Priorities	<ul style="list-style-type: none"> <li>• Increase and maximise benefits of infrastructure and services</li> <li>• Behaviour change</li> <li>• Safety</li> </ul>

The Regional Advocacy Program seeks to build capacity within the EMRC and its member Councils to attract an increased share of benefits and services to Perth's Eastern Region through a framework that delivers effective regional advocacy campaigns.

An annual review of regional advocacy issues in relation to the focus areas identified in the Regional Advocacy Strategy and the progress of existing projects was undertaken in June 2016 with a report provided to the Chief Executive Officers Advisory Committee to establish advocacy priorities for 2016/2017. The advocacy priorities were subsequently approved by Council at its 23 June 2016 meeting. A similar process will occur to establish the 2017/2018 advocacy priorities.

#### ***How will member Councils benefit?***

Advocacy and relationship building is aimed at increasing awareness of Perth's Eastern Region and to identify future funding and/or sponsorship opportunities to support regional scale projects and activities.



***What impact/support will this project have on member Councils?***

Member Councils will be invited to participate in regional advocacy campaigns. This may require providing information or making people available to attend meetings, events or other advocacy activities. Elected members will also have a critical role to play in regional advocacy which may require them to attend events and delegations and to advocate on key regional issues needing to be addressed.

***NOTE: All advocacy expenses are met by the EMRC.***

## SMART CITIES AND SUBURBS PROGRAM AND SUSTAINABLE CITIES INVESTMENT FUND (SUBJECT TO FUNDING)

The Federal Government has committed to the new Smart Cities Program and the Sustainable Cities Investment Fund. The EMRC proposes to work with member Councils to develop regional funding applications to take advantage of this funding as it becomes available.

The \$50 million competitive Smart Cities and Suburbs Program is expected to open funding rounds in the second quarter of 2017 for local governments to collectively collaborate and apply innovative technology-based approaches to improve the livability of cities and their suburbs. The program aims to encourage councils to share data and partner with communities, local business, not-for-profits and research institutes to create cutting-edge technology solutions to urban problems and service improvements, making measurable differences to Australians' quality of life.

The Federal Government has committed to establishing an investment fund for clean energy, renewable energy and energy efficiency technology in cities through the Clean Energy Finance Corporation. The Sustainable Cities Investment Fund will leverage private sector capital to accelerate the deployment of cutting-edge projects, such as precinct-scale renewable energy plants and installations, next-generation transport management systems, green buildings and the retrofit of social and affordable housing.

The EMRC plans to develop a Smart Cities Plan for the region in consultation with member Councils. In addition to this, the EMRC will consider regional applications for funding. Should the EMRC be successful through the Expression of Interest phase such that a major regional-scale projects gets approved to progress to the full application stage, additional funds over and above the table below, may be required from member Councils, neighbouring Councils and/or key stakeholders who choose to be part of a large scale initiative.

### PROPOSED 2017/2018 CONTRIBUTIONS

Smart Cities and Suburbs Program and Sustainable Cities Innovation Fund – (subject to funding)	Project Management Costs in 2017/18
	\$
City of Bayswater	5,000
Town of Bassendean	5,000
City of Belmont	5,000
Shire of Kalamunda	5,000
Shire of Mundaring	5,000
City of Swan	5,000
<b>Neighbouring Council Contributions</b>	
Non-member Councils x 3	15,000
<b>Total contribution</b>	<b>\$45,000</b>

*Figures exclude GST.*

## **REGIONAL DEVELOPMENT PROJECTS**

### **OVERVIEW**

The Regional Development Business Unit works to achieve the following objectives of the EMRC's 10 Year Strategic Plan 2017 to 2027:

- To facilitate regional cultural and recreational activities;
- To facilitate increased investment in regional infrastructure;
- To facilitate regional economic development activities;
- To provide advice and advocacy on issues affecting Perth's Eastern Region; and
- To manage partnerships and relationships with stakeholders.

The Regional Development team also works to deliver on the objectives from the Advocacy Strategy 2016-2020, the Regional Economic Development Strategy 2017 - 2021 and the Regional Integrated Transport Strategy 2017 – 2021 and provides regional coordination of projects to member Councils through the Economic Development Officers Group (EDOG) and the Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG).

The team works collaboratively with the EMRC's six member Councils, regional stakeholders and government partners to:

- Encourage sustainable economic development in the region;
- Facilitate regional cultural and recreational activities;
- Facilitate integrated transport planning initiatives to provide an efficient, safe and integrated regional transport network; and
- Advocate on regional issues and opportunities to maximise benefits for member Councils and their communities and make the region a better place to live, work and do business.

The Regional Development Business Unit team currently comprises

- 2 x Strategic Projects Officers

The two Strategic Projects Officers assist with planning, developing and implementing key strategic projects to be delivered by the EMRC, in consultation with member Councils and key stakeholders.

Member Council officers provide input to the EMRC on the development and delivery of strategic projects and relevant strategies through participation on advisory/steering groups as follows:

Project	Regional Officer Advisory Groups
Regional integrated transport and land use development	<p>Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG).</p> <p><i>Comprising of Technical Directors/Officers from participating member Councils, Department of Transport, Department of Planning, Road Safety Commission, Main Roads WA, Public Transport Authority, WA Road Transport Association, WA Police, WALGA, RAC and Perth Airport Pty Ltd.</i></p>
TravelSmart (including Active and Public Transport) initiatives	<p>Regional TravelSmart Working Group</p> <p><i>Comprising relevant officers from member Councils including engineers, TravelSmart Officers, and Sustainability Officers.</i></p>
Regional Economic Development	<p>Economic Development Officers Group (EDOG)</p> <p><i>Comprising of Economic Development Officers/Managers from participating member Councils.</i></p>
Regional Events Program	<p>Perth's Autumn Festival Project Team</p> <p>Avon Descent Family Fun Days Project Team</p> <p><i>Comprising of Events, Recreation and Marketing Officers from participating member Councils, non-member Councils and participating organisations.</i></p>

The existing Regional Services funding model has been used in the development of this funding summary for 2017-2018 in accordance with the decision of Council at its December 2016 Council meeting.

Council, at its meeting of 1 December 2016 resolved as follows:

***“THAT COUNCIL SUPPORTS OPTION 1 AS THE PREFERRED FUNDING MODEL FOR MEMBER COUNCILS AND THE EMRC TO DELIVER REGIONAL SERVICES, TO BECOME EFFECTIVE FROM 1 JULY 2017 FOR THE 2017/2018 AND 2018/2019 FINANCIAL YEARS.”***

Option 1 states as follows: The 'status quo' to remain for 2017/2018 and 2018/2019 whereby funding continues as business as usual, retaining the current level of service. Contributions continue to be a mix of member Council contributions, grant funding and EMRC contributions.

## REGIONAL INTEGRATED TRANSPORT 2017/2018

### PURPOSE

The EMRC and its six member Councils are committed to working with government and commercial partners to *“advocate and support the development of a safe, efficient and effective transport system that supports and enhances the region's economic, social and environmental wellbeing.”*

### BACKGROUND

The draft Regional Integrated Transport Strategy 2017 - 2021 (RITS) examines transport and access issues affecting economic growth, livability of the region and the wellbeing of the community. The RITS identifies objectives to address integrated transport issues and opportunities in Perth's Eastern Region and for the EMRC to advocate to key stakeholders and government. The RITS Implementation Advisory Group (IAG) provides an important source of information and advice to the EMRC to ensure advocacy activities are well targeted. The EMRC also provides advocacy for key state road projects in the region through participation on state advisory groups such as NorthLinkWA, the Department of Transport's TravelSmart Officer Network and WALGA's Cycling Reference Group.

### Regional Integrated Transport Strategy Actions 2017/2018

The EMRC will continue to initiate projects aligned with the Regional Integrated Transport Strategy and the Regional Road Safety Plan. Implementation of these projects will be guided by the RITS IAG. Projects proposed for 2017/2018 include:

- **Regional Integrated Transport Strategy (RITS)** – The EMRC is currently finalising the Regional Integrated Transport Strategy 2017-2021 which will be used to help guide integrated transport projects.
- **Regional Integrated Transport Strategy Implementation Advisory Group** – The group will continue to provide input and guidance to the EMRC on all integrated transport matters. Membership of the group includes technical directors/officers from member Councils, and representation from the Department of Transport, Department of Planning, Road Safety Commission, Main Roads WA, Public Transport Authority, WA Road Transport Association, WALGA, RAC and Perth Airport Pty Ltd.
- **Regional Transport Advocacy Priorities** - Continue advocating for transport priorities identified in the Regional Advocacy Strategy, the Regional Integrated Transport Strategy and the Regional Infrastructure Priority List. This includes advocating to state and federal government for the Perth – Adelaide National Highway and to the Department of Transport/Department of Sport and Recreation for targeted “Your Move” campaigns to be delivered in the region in line with the Ellenbrook Bus Rapid Transit Way in 2018 and the opening of the Forrestfield - Airport Link in 2020.
- **Regional TravelSmart Working Group** – The group will continue to facilitate the Regional TravelSmart Working Group on an as-needs basis and deliver project/s as guided by this group and in discussion with the RITS IAG. These may include Regional Active/Public Transport projects and campaigns or development of key regional projects as determined by the group.
- **Regional Congestion Management Action Plan** – Develop a Regional Congestion Management Action Plan to allow the EMRC to advocate and implement identified priorities to reduce traffic congestion on the regions roads. These will also include actions that encourage schools and workplaces to engage in the Your Move program.

- **Active/Public Transport Campaigns** – Campaigns will be developed to promote awareness of walking, cycling and public transport to encourage smarter and more sustainable travel options and practices throughout the region. This may include building on the success of the #ride2market program by encouraging more sustainable transport options at community events and exploring opportunities to be in-line with the State-wide Bike Week promotion.
- **Regional Road Safety Plan Minor Review** – A minor review will be conducted on the Regional Road Safety Plan, initially developed in 2015, to continue advocacy on regional road safety.
- **Regional Road Safety Awareness Campaigns** – Undertake regional awareness campaigns relating to the regional road safety issues identified in the Regional Road Safety Plan in consultation with member Councils and external organisations. This promotion may include driver safety, reducing speeds, or safe road use. The campaigns may also include tours of key regional roads with safety issues. Campaigns will provide an opportunity for local governments to highlight key successes and advocate to state government and other relevant stakeholders on their road safety issues
- **Regional Road Safety Report Card Update**– Update the report card outlining the key statistics identified in the Regional Road Safety Plan and promote these cards to member Councils and their local communities and state and federal government. The report card will include key relevant statistics such as blackspots and crash statistics, that will provide supporting regional data to member Councils.

#### ***Benefits for participating Member Councils***

The provision of an efficient and safe transport network in Perth's Eastern Region is a critical issue for both local and state government particularly with the predicted population and transport growth for Perth in the medium to longer term. The EMRC will continue to advocate on behalf of the region to secure ongoing transport investment and awareness in the Region.

#### ***Impacts for participating Member Councils***

In-kind support will be required from participating member Councils in 2017/2018 in the form of officer time as members of the RITS IAG and/or the Regional TravelSmart Working Group as well as a financial contribution from member Councils.

Member Council support for 2017/2018 Regional Integrated Transport projects is presented as follows:

## SUMMARY OF PROPOSED TRANSPORT RELATED PROJECTS 2017/2018

Member Council financial support is sought for the following projects:

Regional Integrated Transport Strategy Actions	Member Council contribution required
RITS IAG Meetings/forums Regional: <ul style="list-style-type: none"> <li>• Integrated Transport Strategy</li> <li>• Implementation Advisory Group</li> <li>• Transport Advocacy Priorities (Including Your Move, Road Safety Tours)</li> <li>• TravelSmart Working Group</li> <li>• Regional Congestion Management Action Plan</li> <li>• Active/Public Transport Promotion (includes Bike Week)</li> <li>• Road Safety Plan Minor Review</li> <li>• Road Safety Awareness Campaigns</li> <li>• Road Safety Report Card Update</li> </ul>	
<b>Total Member Council Financial Support Required for Transport Related Projects 2017/2018</b>	<b>\$68,958</b>

## PROPOSED 2017/2018 PROJECTS BUDGET – INDIVIDUAL COUNCIL BASIS

Regional Integrated Transport Strategy Actions		2017/2018
<b>Adopted Budget 2016/2017</b>	<b>Operating Income</b>	<b>\$</b>
	<b>Member Council (MC) Contribution: RITS Projects</b>	
5,728	Town of Bassendean	5,900
11,530	City of Bayswater	11,876
9,745	City of Belmont	10,037
10,414	Shire of Kalamunda	10,726
9,075	Shire of Mundaring	9,348
20,457	City of Swan	21,071
<b>66,949</b>	<b>Total MC Contributions: RITS Projects</b>	<b>68,958</b>
	<b>Operating Expenditure</b>	
187,204	<b>Cost of delivering transport related projects</b>	185,135
<b>187,204</b>	<b>Total Expenditure</b>	<b>185,135</b>
<b>120,255</b>	<b>Net EMRC Contribution (delivery costs less MC contributions)</b>	<b>116,177</b>

## REGIONAL ECONOMIC DEVELOPMENT

The EMRC and its participating member Councils are working to achieve and maintain a prosperous future for the region and its residents. A range of activities that enable infrastructure and investment to meet the needs of industry are delivered to support economic growth.

### BACKGROUND

The EMRC has supported member Councils and industry stakeholders to achieve regional economic development outcomes since 1998. Through the establishment of the Economic Development Officers Group (EDOG) in 2007, regional economic development activities undertaken by the EMRC are those that are considered by the member Councils as important to address barriers to business, industry growth and investment attraction and capitalise on opportunities.

The draft Regional Economic Development Strategy 2017-2021 (REDS) will set in place a structured framework for the delivery of regional economic development activities. The basis for 2017/2018 activities relies on continuation of the most successful projects and additional activities developed in consultation with EDOG.

### Regional Economic Development Strategy Action 2017/2018

The EMRC will continue to undertake projects aligned with the Regional Economic Development Strategy (REDS) 2017 -2021 as approved by EDOG members and includes:

- **Regional Economic Development Strategy (REDS)** – The EMRC is currently finalising the Regional Economic Development Strategy 2017-2021 which will be used to help guide economic development projects.
- **Economic Development Officers Group Facilitation** – Continue to coordinate EDOG meetings on a bi-monthly basis, providing a forum for relevant guest speakers to address the group and for discussion of current/future projects and issues/opportunities for the region. The EMRC will deliver project/s deemed relevant to participating member Councils and the EMRC including actions identified in the REDS 2017 - 2021.
- **Provision of Regional Profiling Tools** – Subscription to REMPLAN, profile.id, and atlas.id and ongoing software training will continue to be coordinated by the EMRC to provide member Councils access to economic and socio-demographic profiling data relating to Perth's Eastern Region.
- **Advancing Perth's Eastern Region Events** – Facilitate tours/events that will provide access to examples of best practice from within and outside the region to aid in the development of future local and regional projects.
- **Business Exemplar Project** – Continue to promote the winners of local business awards in consultation with EDOG and the region's Business Support Service Organisations, including Chambers of Commerce and Business Associations.
- **Business and Investment Attraction Project** – In consultation with EDOG and the region's Business Support Service Organisations actions will be identified to attract appropriate businesses and investment to the region with a focus on job creation and enhancing digital capacity that may include workshops, forums, promotional activities, research and advocacy.



- **Digital Technology and Innovation** – Research or further actions identified for further progression or for scoping as part of a regional Smart Cities and Suburbs regional application will be progressed in consultation with the EMRC advisory groups and key stakeholders.
- **Regional Youth Advocacy Priorities** – Continue to advocate for regional youth priorities and actions identified by EDOG, RITS IAG, and/or Youth Officers that will build on the direction and initiatives outlined in the Regional Economic Development Strategy and the Regional Integrated Transport Strategy.
- **The Perth Tourism website** – Continue development and maintenance of the English, Chinese and Japanese versions of the Perth Tourism website. The site will be redeveloped to refresh the look and technical capacity of the site which may also include a name change as part of the review. <perthtourism.com.au> is a regional tourism website maintained by the EMRC that provides information on events, trails and experiences in Perth's Eastern Region to residents and prospective visitors each year. Visitor statistics have revealed that over 100,000 visitors viewed the perthtourism.com.au site during the regional events period. The online portal provides a valuable point of presence and a call to action for community events. At any time during the year participating member Councils and community groups can register their events on the perthtourism.com.au website and this includes any events that run over the summer period, where there is no specific campaign targeting this season.
- **Recreational Walking and Cycling Campaigns** – Continue to develop regional campaigns promoting recreational walking and cycling trails in the region. Promotion will focus on promoting the region as a great place to live, work and play and complements the regional events campaign. This will also include maintaining and reviewing the outcomes of the Swan River Ramble project.

## Regional Events

The EMRC supports regional events by pooling resources to provide collaborative promotion and through securing and administering regional event funding. The EMRC will continue promotion of regional events and co-ordination of regional funding in partnership with the Avon Descent Family Fun Days Project Team and the Perth's Autumn Festival Project Team. Three member Councils are currently participating in the regional events program.

**Avon Descent Family Fun Days** - Funding will be sought from Lotterywest for the 2017 Avon Descent Family Fun Days to assist councils meet the costs of staging family fun day events including infrastructure, services and entertainment. The collaborative regional marketing campaign is coordinated by EMRC. The EMRC receives grant funding from Lotterywest on behalf of the member Councils and the Shires of Toodyay and Northam and coordinates the regional marketing campaign, achieving a high level return on investment for participating councils. A fee for service arrangement is in place with the Shire of Toodyay and Shire of Northam and the EMRC co-ordinates a de-brief, grant review, pre-planning and planning meetings with relevant parties.

**Perth's Autumn Festival** - Through participation in the Perth's Autumn Festival, member Councils will continue to receive access to a regional marketing campaign and festival branded marketing collateral. EMRC will seek grant funding to support member Council events to grow the Perth's Autumn Festival for 2017 and grow sponsorship for the regional marketing campaign. Member Councils nominate core events held within their region for promotion via a regional marketing campaign. Additional fringe events held in the region are also promoted to a lesser extent and expand the scope of Festival.

**Hello Spring Campaign** - Continue to develop a regional campaign promoting community, culture and active lifestyle events held in the region during spring/summer. This promotion focuses on promoting the region as a great place to live, work and play in the warmer months and builds on the current winter and autumn promotions to achieve all-year-round promotion of the region.

***How will member Councils benefit?***

Member Council contributions assist in the alignment of regional priorities with local area priorities to deliver outcomes that support industry investment, advocating for regional priorities and promoting the region as a whole. These strategies complement local priorities of member Councils to maximise, leverage and make effective use of collective resources.

***What impact/support will this project have on member Councils?***

Continuing in-kind support is required from member Councils in the form of officer time to participate in the relevant advisory groups or committees. Financial support is also required from participating Councils.

**SUMMARY OF REGIONAL ECONOMIC DEVELOPMENT STRATEGY; REGIONAL DIGITAL STRATEGY and EVENTS PROJECTS 2017/2018**

**Member Council financial support is sought for the following projects:**

<b>Regional Economic Development Strategy (REDS)</b> EDOG Facilitation REMPLAN and Profile.id Advancing Perth Eastern Region Tours Business Exemplar Project Business and Investment Attraction Project Digital Technology and Innovation Regional Youth Advocacy Priorities Perth Tourism Website Recreational Walking and Cycling Campaigns  <b>REDS Total</b>	<b>\$48,801</b>
<b>Regional Events</b> Perth's Autumn Festival, Avon Descent Family Fun Days and Hello Spring Campaigns	<b>\$25,476</b>
<b>Total Council Financial Support Requested for REDS Related Projects, Events 2017/2018</b>	<b>\$74,277</b>

## REGIONAL ECONOMIC DEVELOPMENT - 2017/2018

## PROPOSED 2017/2018 PROJECTS BUDGET- INDIVIDUAL COUNCIL BASIS

Adopted Budget 2016/2017	Project Summary	2017/2018
\$	<b>Operating Income</b>	\$
<b>Member Council Contributions: REDS</b>		
8,199	Town of Bassendean	8,445
14,626	City of Bayswater	15,065
12,648	City of Belmont	13,027
0	Shire of Kalamunda	0
11,907	Shire of Mundaring	12,264
0	City of Swan	0
<b>47,380</b>	<b>Total Member Council Contributions: REDS</b>	<b>48,801</b>
<b>Member Council contributions: Events</b>		
5,219	Town of Bassendean	5,380
10,563	City of Bayswater	10,858
8,964	City of Belmont	9,238
0	Shire of Kalamunda	0
0	Shire of Mundaring	0
0	City of Swan	0
<b>24,746</b>	<b>Total Member Council Contributions: Regional Events</b>	<b>25,476</b>
<b>72,126</b>	<b>Combined Contributions: REDS &amp; Regional Events</b>	<b>74,277</b>
<b>Grants/Other Contributions</b>		
155,000	Avon Descent Family Fun Days grant (Lotterywest)	155,000
20,000	Perth's Autumn Festival grant (Lotterywest)	20,000
6,000	Perth's Autumn Festival sponsorship	6,000
10,000	Non-member Councils	10,000
<b>191,000</b>	<b>Total Grants/Other Contributions: Regional Events</b>	<b>191,000</b>
<b>263,126</b>	<b>Total Income</b>	<b>265,277</b>
<b>Operating Expenditure</b>		
381,889	Cost of REDS Projects and Regional Events program	330,902
5,000	Perthtourism website	5,000
10,800	Regional Youth Program	10,800
5,000	Recreational Walking and Cycling	5,000
<b>402,689</b>	<b>Total Expenditure</b>	<b>351,702</b>
<b>139,563</b>	<b>Net EMRC contribution</b>	<b>86,425</b>

**SUMMARY OF INDIVIDUAL MEMBER COUNCILS PROPOSED COMMITMENTS - 2017/2018:**

<b>Individual Member Councils Contributions 2017/2018</b>	<b>Economic Development</b>	<b>Events</b>	<b>Integrated Transport</b>	<b>Total Required</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Town of Bassendean	8,445	5,380	5,900	<b>19,725</b>
City of Bayswater	15,065	10,858	11,876	<b>37,799</b>
City of Belmont	13,027	9,238	10,037	<b>32,302</b>
Shire of Kalamunda	0	0	10,726	<b>10,726</b>
Shire of Mundaring	12,264	0	9,348	<b>21,612</b>
City of Swan	0	0	21,071	<b>21,071</b>
<b>TOTAL</b>	<b>48,801</b>	<b>25,476</b>	<b>68,958</b>	<b>143,235</b>

## **ENVIRONMENTAL SERVICES**

### **OVERVIEW**

The Environmental Services Business Unit works to achieve the following objectives of the EMRC's 10 Year Strategic Plan 2017 to 2027:

*“To contribute towards improved regional air, water and land quality and regional biodiversity conservation and to address climate change issues within the region”.*

The Environmental Services strategies emanate from the new Regional Environment Strategy 2016-2020 and the annual Business Unit Plan. The Environmental Services team provides regional coordination of projects to member Councils through the Regional Environmental Strategy Advisory Group (formerly Regional Environmental Advisory Group).

### **The Environmental Services programs being proposed for 2017/2018 include:**

- Eastern Region Catchment Management Program (ERCMP);
- Environmental and Sustainability Program (Energy, Water and Climate Change); and
- Understanding and Managing Flood Risk Project (subject to grant funding).

## EASTERN REGION CATCHMENT MANAGEMENT PROGRAM – NATURAL RESOURCE MANAGEMENT

### **Sustainable Development Goal 15 – Life on Land**

**Strategic Objective 5:** Our region protects, restores and enhances terrestrial ecosystems, addresses land degradation and prevents biodiversity loss

### **Sustainable Development Goal 6 – Clean Water and Sanitation**

**Strategic Objective 1:** Our region has sufficient and sustainably managed water resources and good water quality in rivers, wetlands and groundwater.

The ERCMP is a partnership between the Shire of Kalamunda, Shire of Mundaring, City of Swan, Department of Parks and Wildlife and the EMRC that has operated for over 15 years. The ERCMP team support participating member Councils and their community groups in protecting and managing the biodiversity, waterways and catchments of the relevant member Councils.

## PROPOSED 2017/2018 CONTRIBUTIONS

Eastern Region Catchment Management Program – Natural Resource Management	2017/2018 contribution per council: Kalamunda; Mundaring; Swan
	\$
EMRC officer located 1 day a week in member council office (Kalamunda, Mundaring and Swan)	
Landholder enquiries	
Private landowner visits	
Support and attendance at catchment group meetings	
End of Year Volunteer Event (1 p.a.)	
Bush Skills for Hills (10 workshops p.a.)	
ERCMP meetings (4 meetings p.a.)	35,360
Greenpage (6 editions p.a.)	
Assist with local and regional grant applications (e.g. SALP)	
20 Million Trees (applications and coordination of further rounds)	
Bush Skills 4 Youth (minimum of 8 workshops p.a.) (funded by Lotterywest and State NRM Office)	
Community Capability Program (funded by State NRM Office)	
Healthy Wildlife Project (funded by Lotterywest)	
<b>Total contribution per member council participating (Kalamunda, Mundaring and Swan)</b>	<b>35,360</b>
<b>Option for non ERCMP councils (Bassendean, Bayswater and Belmont)</b>	
20 Million Trees (applications and coordination of further rounds)	5,000
<b>Regional Funded Projects</b>	
Bush Skills 4 Youth (minimum of 8 workshops p.a.) (funded by Lotterywest and State NRM Office)	N/A
Community Capability Program (funded by State NRM Office)	N/A
Healthy Wildlife Project (funded by Lotterywest)	N/A

*Figures exclude GST*

## ENVIRONMENTAL SUSTAINABILITY PROGRAM – ENERGY, WATER AND CLIMATE CHANGE

### ***Sustainable Development Goal 6 – Clean Water and Sanitation***

***Strategic Objective 1:*** *Our region has sufficient and sustainably managed water resources and good water quality in rivers, wetlands and groundwater.*

### ***Sustainable Development Goal 7 – Affordable and Clean Energy***

***Strategic Objective 2:*** *Our region adopts sustainable, affordable and modern energy sources and promotes energy efficiency.*

### ***Sustainable Development Goal 11 – Sustainable Cities and Communities***

***Strategic Objective 3:*** *Our region fosters safe, resilient, resource efficient and environmentally sustainable urban areas.*

### ***Sustainable Development Goal 13 – Climate Action***

***Strategic Objective 5:*** *Our region addresses climate change and its impacts through mitigation and adaptation.*

Achieving Carbon Emissions Reduction (ACER) supports member Councils to improve energy efficiency and reduce their corporate carbon emissions, resulting in significant cost savings. Water Quality and Conservation enables member Councils to continually improve water efficiency and water quality, ensuring a sustainable water future for the council as well as providing significant cost savings. Membership to the Cooperative Research Centre (CRC) for Water Sensitive Cities provides opportunities to be involved in research and projects including case studies and demonstration projects. The proposed Waterwise Council Service assists member Councils to meet Water Corporation program criteria and demonstrate water management leadership. These services are complemented and supported by managing energy, emissions and water data through “Planet Footprint” software to enable monitoring and reporting. The proposed Energy and Water Data Service assists member Councils to make the best use of the data management system and provides additional analysis, reporting and data management to meet specific member Council needs and cost savings.

Complementing climate change mitigation actions is the Climate Change service which builds on the adaptation work already undertaken by member Councils under the Future Proofing Program. It includes Urban Heat Mitigation which provides technical support for urban canopy improvement and other heat island effect mitigation priorities.



<b>PROPOSED 2017/2018 CONTRIBUTIONS</b>	<b>Bassendean Contribution 2017/2018</b>	<b>Belmont Contribution 2017/2018</b>	<b>Mundaring Contribution 2017/2018</b>	<b>Swan Contribution 2017/2018</b>
<b>Environmental Sustainability Program – Energy, Water and Climate Change</b>				
<b>ACER: ACHIEVING CARBON EMISSIONS REDUCTION / ENERGY AND WATER DATA SERVICE</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Manage Planet Footprint data (including energy, water, measures and WebEx facilitation)	11,585	14,871	9,195	0
Collect and enter manual corporate data (including energy, water and measures)				
Analyse and report on emissions, energy and water use				
Provide additional data analysis on request				
Assist with local funding opportunities				
Assist with implementation of carbon reduction actions				
Technical support for energy efficiency and carbon reduction priorities and strategies				
End of year program summary report				
Manage and maintain Home Energy Audit Kits				
<b>WATER QUALITY AND CONSERVATION / WATERWISE COUNCIL SERVICE</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Assist with local funding opportunities	12,811	13,342	17,539	16,053
Assist with implementation of local water quality and conservation actions				
Technical support for local water quality and conservation actions (not covered by Waterwise Council program)				
Develop Waterwise Council Reports - based on Water Corp requirements				
Assist with funding initiatives under Waterwise Council program				
Technical support for Waterwise Council priorities including water team meetings				
Assist with implementation of Waterwise Council actions				
CRC for Water Sensitive Cities (EMRC as industry partner)	0	0	0	0
CRC for Water Sensitive Cities – Index Workshop and Report	See next page	See next page	See next page	0
<b>CLIMATE CHANGE / FUTURE PROOFING / URBAN HEAT</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Assist with local funding opportunities	15,914	15,914	0	0
Technical support for climate change adaptation priorities				
End of year program summary report				
Assist with local urban forest/canopy action implementation				
Technical support for urban canopy and other heat mitigation priorities including data and research				
2020 Vision Partnership				
<b>Total contribution per council</b>	<b>40,310</b>	<b>44,127</b>	<b>26,734</b>	<b>16,053</b>

\*Figures exclude GST \*\*Figures don't include the Planet Footprint annual subscription fee for data management of energy, emissions and water data or the fee for the CRC for Water Sensitive Cities Index – see tables next page

**Anticipated Planet Footprint Annual Subscription Cost 2017/2018**

<b>Planet Footprint Fees (paid direct to Planet Footprint)</b>	<b>Cost per council in 2017/2018</b>
	<b>\$</b>
Town of Bassendean	6,870
City of Bayswater	14,315
City of Belmont	10,745
Shire of Mundaring	10,745

*Please note renewals occur in February of each year and this is only an indicative cost  
Figures exclude GST*

**Anticipated CRC for Water Sensitive Cities Index Cost 2017/2018**

<b>Index Fees (paid direct to CRC for Water Sensitive Cities)</b>	<b>Cost per council in 2017/2018</b>
	<b>\$</b>
Town of Bassendean	14,600
City of Bayswater	14,600
City of Belmont	14,600
Shire of Kalamunda	14,600
Shire of Mundaring	14,600
City of Swan	N/A
<b>Client Council Contributions</b>	
City of South Perth	14,600
Town of Victoria Park	14,600

*Figures exclude GST*

*City of Swan undertook pilot CRC Index in 2015/2016*

*Discount available if more than 3 councils participate in the CRC Index, further discounts available if 5 councils participate – see table on next page*

## CRC FOR WATER SENSITIVE CITIES BENCHMARKING INDEX PROJECT

### Benefits of Index Benchmarking:

- Independent facilitation of a collaborative process to determine performance of the area across all parts of the water sector
- Knowledge sharing between organisations and development of a shared understanding of the current status
- Ability to advocate powerfully with others in the sector based on performance scores and activities
- Access to an online web platform to facilitate the development of targets, strategies and actions to move toward a Water Sensitive City
- Leverage the knowledge of the CRC for Water Sensitive Cities in developing your strategies and plans
- Increase confidence in developing projects and infrastructure that will yield a material improvement to sustainability, liveability, productivity and resilience

### Outputs:

- Facilitated benchmarking day
- Instant provision of results
- Follow up report with 10-point plan of critical strategies and actions for improvement
- Access to web platform for future planning

### Breakdown of Activities:

Task	1 Council	3 Councils	5 Councils
CRC Set up fees	\$500	\$800	\$1,000
Preparation and determination of attendees. Access to on-line app to undertake assessment of ratings live during an internal workshop.	\$800	\$1,200	\$1,500
Benchmarking workshop to rate indicators (it is assumed someone from Council will collate the evidence basis and upload to website following the workshop).	\$4,400	\$8,800	\$8,800
Evaluation of performance	\$1,500	\$4,500	\$7,500
Interpretation of findings	\$1,600	\$4,800	\$8,000
Critical strategies and actions (10 point plan)	\$4,000	\$12,000	\$20,000
Consultant travel costs	\$2,300	\$3,000	\$3,000
<b>Total cost</b>	<b>\$15,100</b>	<b>\$35,100</b>	<b>\$49,800</b>
<b>Total cost per council</b>	<b>\$15,100</b>	<b>\$11,700</b>	<b>\$9,960</b>
Overarching report for EMRC of their council areas results	N/A	\$8,500	\$10,000

## UNDERSTANDING AND MANAGING FLOOD RISK – STAGE 4 (SUBJECT TO FUNDING)

The staged project will build resilience in Perth's Eastern Region in relation to flood risk by providing the information and tools needed to improve the ability of emergency response agencies and the community to prepare for and take appropriate actions during major flood events as well as inform land use planning and development decision-making.

Stage 4 of the project is proposed to include development of community awareness and engagement materials utilising the outputs of stages one, two and three to support emergency preparedness and resilience. It is also proposed to consider development of flood risk adaptation plans for participating councils based on the risk and vulnerability assessments undertaken in stage three to support risk management and planning objectives.

### PROPOSED 2017/2018 CONTRIBUTIONS

Understanding and Managing Flood Risk – Stage 4 (subject to funding)	Contribution per council in 2017/2018
	\$
City of Bayswater	10,000
Town of Bassendean	10,000
City of Belmont	10,000
Shire of Kalamunda	0
Shire of Mundaring	0
City of Swan	10,000
<b>Client Council Contributions</b>	
City of South Perth	10,000
Town of Victoria Park	10,000
<b>Total contribution</b>	<b>\$60,000</b>

*Figures exclude GST*

### **SECTION 3: MEMBER COUNCIL INDIVIDUAL FINANCIAL CONTRIBUTIONS**

#### **Town of Bassendean**

<b>2016/2017</b>	<b>Project Summary</b>	<b>2017/2018</b>
<b>\$</b>	<b>Regional Services</b>	<b>\$</b>
NEW	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	<b>\$</b>
5,728	Regional Integrated Transport Projects	5,900
8,199	Regional Economic Development	8,445
5,219	Regional Events Program	5,380
<b>19,146</b>	<b>RD Sub Total</b>	<b>19,725</b>
	<b>Environmental Services</b>	
0	Eastern Region Catchment Management Program - Natural Resource Management	0
39,136	Environmental and Sustainability Program - Energy, Water and Climate Change	40,310
10,000	Understanding and Managing Flood Risk	10,000
<b>49,136</b>	<b>Environmental Sub Total</b>	<b>50,310</b>
<b>68,282</b>	<b>Total Funding Being Sought</b>	<b>75,035</b>

*Figures exclude GST*

## City of Bayswater

2016/17	Project Summary	2017/2018
\$	<b>Regional Services</b>	\$
NEW	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	\$
11,530	Regional Integrated Transport Projects	11,876
14,626	Regional Economic Development	15,065
10,563	Regional Events Program	10,858
<b>36,719</b>	<b>RD Sub Total</b>	<b>37,799</b>
	<b>Environmental Services</b>	
5,000	Eastern Region Catchment Management Program – Natural Resource Management	0
0	Environmental and Sustainability Program - Energy, Water and Climate Change	0
10,000	Understanding and Managing Flood Risk	10,000
<b>15,000</b>	<b>Environmental Sub Total</b>	<b>10,000</b>
<b>51,179</b>	<b>Total Funding Being Sought</b>	<b>52,799</b>

*Figures exclude GST*

## City of Belmont

2016/17	Project Summary	2017/2018
\$	<b>Regional Services</b>	\$
NEW	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	\$
9,745	Regional Integrated Transport Projects	10,037
12,648	Regional Economic Development	13,027
8,964	Regional Events Program	9,238
<b>31,357</b>	<b>RD Sub Total</b>	<b>32,302</b>
	<b>Environmental Services</b>	
0	Eastern Region Catchment Management Program - Natural Resource Management	0
42,842	Environmental and Sustainability Program - Energy, Water and Climate Change	44,127
10,000	Understanding and Managing Flood Risk	10,000
<b>52,842</b>	<b>Environmental Sub Total</b>	<b>54,127</b>
<b>84,199</b>	<b>Total Funding Being Sought</b>	<b>91,429</b>

Figures exclude GST

## Shire of Kalamunda

2016/17	Project Summary	2017/2018
<b>\$</b>	<b>Regional Services</b>	<b>\$</b>
NEW	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	<b>\$</b>
10,414	Regional Integrated Transport Projects	10,726
	Regional Economic Development	0
	Regional Events Program	0
<b>10,414</b>	<b>RD Sub Total</b>	<b>10,726</b>
	<b>Environmental Services</b>	
34,330	Eastern Region Catchment Management Program - Natural Resource Management	35,360
0	Environmental and Sustainability Program - Energy, Water and Climate Change	0
0	Understanding and Managing Flood Risk	0
<b>34,330</b>	<b>Environmental Sub Total</b>	<b>35,360</b>
<b>44,744</b>	<b>Total Funding Being Sought</b>	<b>51,086</b>

Figures exclude GST



### Shire of Mundaring

2016/17	Project Summary	2017/2018
<b>\$</b>	<b>Regional Services</b>	<b>\$</b>
NEW	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	<b>\$</b>
9,075	Regional Integrated Transport Projects	9,348
11,907	Regional Economic Development	12,264
0	Regional Events Program	0
<b>20,982</b>	<b>RD Sub Total</b>	<b>21,612</b>
	<b>Environmental Services</b>	
34,330	Eastern Region Catchment Management Program - Natural Resource Management	35,360
41,868	Environmental and Sustainability Program - Energy, Water and Climate Change	** 26,734
0	Understanding and Managing Flood Risk	0
<b>76,198</b>	<b>Environmental Sub Total</b>	<b>62,094</b>
<b>97,180</b>	<b>Total Funding Being Sought</b>	<b>88,706</b>

*Figures exclude GST*

**\*\* Please Note: Energy and Water only**

## City of Swan

2016/17	Project Summary	2017/2018
\$	<b>Regional Services</b>	\$
New	Smart Cities Initiative	5,000
<b>0</b>	<b>RS Sub Total</b>	<b>5,000</b>
	<b>Regional Development</b>	\$
20,457	Regional Integrated Transport Projects	21,071
	Regional Economic Development	0
0	Regional Events Program	0
<b>20,457</b>	<b>RD Sub Total</b>	<b>21,071</b>
	<b>Environmental Services</b>	
34,330	Eastern Region Catchment Management Program - Natural Resource Management	35,360
15,585	Environmental and Sustainability Program - Energy, Water and Climate Change	** 16,053
10,000	Understanding and Managing Flood Risk	10,000
<b>59,915</b>	<b>Environmental Sub Total</b>	<b>61,413</b>
<b>80,372</b>	<b>Total Funding Being Sought</b>	<b>87,484</b>

Figures exclude GST

**\*\* Please note: Water only**



### 11.3 DRAINAGE MANAGEMENT REPORT

**REFERENCE: D2017/00595 (CEOAC) – D2017/02360**

#### PURPOSE OF REPORT

The purpose of this report is to seek Council approval to host a facilitated workshop on drainage management in Perth's Eastern Region to help inform and identify opportunities for member Councils into the future.

#### KEY ISSUES AND RECOMMENDATION(S)

- At the December 2016 Council meeting Council supported a motion for the CEOAC to work cooperatively with the Department of Water and Water Corporation to review the current drainage management arrangements, with a view to improving the efficiency and transparency of protecting the community from local flooding.
- A workshop for member Councils is proposed in order to understand the current and consider the future drainage management arrangements and the future role for member Councils.

#### Recommendations

That the EMRC hosts a facilitated workshop on drainage management in Perth's Eastern Region to help inform and determine opportunities for member Councils into the future.

#### SOURCE OF REPORT

Director Regional Services

#### BACKGROUND

At the Ordinary Meeting of Council held on 1 December 2016, Council supported a motion put forward by Councillor Sutherland (Ref: D2016/13342):

*"That the CEOAC give consideration to initiating a project to work cooperatively with the Department of Water and Water Corporation to review the current drainage management arrangements, with a view to improving the efficiency and transparency of protecting the community from local flooding."*

The key issues to be addressed by the project would include:

- Transparency of the financial arrangements for the protection of the community from major flood events and the day to day delivery of drainage services.
- Consistency of objectives and technical criteria for community flood protection and drainage services across Department of Water, Water Corporation and local governments.
- Investigate opportunities for rationalisation of infrastructure management arrangements between Water Corporation and local government where efficiencies could be achieved by doing so.

The EMRC is a partner of the Cooperative Research Centre for Water Sensitive Cities (CRCWSC). A key focus for the CRCWSC is to make cities (and towns) water sensitive cities rather than drained cities. A large amount of research has been undertaken on converting drains into living streams and mitigation of flooding. This has included looking at the economic value (market and non-market) of such projects and building business cases to support government and industry to move towards water sensitive practices.

The Department of Water and Water Corporation also partner with the CRCWSC, with a recent outcome being: *"Shaping Perth as a Water Sensitive City: Outcomes and perspectives from a participatory process to develop a vision and strategic transition framework"*. The next stages include an implementation plan and a working group to take this forward, which the EMRC has been invited to participate in.



*Item 11.3 continued*

No single agency is responsible for overseeing the quality of water in Perth's urban stormwater and drainage system before it enters the river. Drainage management is fragmented. The Water Corporation manages 828 kilometres of main drains in the metropolitan area (20 per cent of drainage infrastructure) to prevent flooding. Local governments manage local drains (80 per cent) and a small number of drains are privately owned. One length of drain can be managed by multiple organisations.

Water Corporation in the past has taken a regulatory role over drainage although recently it seems to be shifting towards a more collaborative approach and is working closely with the Department of Water and its interest in water quality and water sensitive urban design seems to be increasing.

The Department of Water and Water Corporation signed a "*Drainage Partnership Agreement: Beyond regulatory compliance*" to commit to move Perth from 'Drained City' towards a 'Water Sensitive City' in June 2016. They have also recently released a "*Drainage for Liveability Program*" and are seeking innovative projects from local governments. However, no funding has been attached to this Program to date. The City of Bayswater's Russell Street compensating basin, which is planned for a Pop up Park, has been selected as the first project under the "*Drainage for Liveability Program*."

The EMRC is a member of the steering group for the integrated economic assessment and business case development for Water Sensitive Cities. The Shire of Mundaring has been selected for a case study on converting an open drain into a living stream (Lot 800 Katharine Street, Bellevue).

The EMRC also nominated the City of Bayswater's Russell Street Pop up Park as a demonstration project with the CRCWSC and the Shire of Kalamunda's Managed Aquifer Recharge project at Hartfield Park as a case study for others to learn from. The outcomes of these are not yet known.

The Department of Water recently released its revised Decision Process for Stormwater Management for comment, which outlined the State government's approaches and criteria for planning and designing new and existing (retrofitting) stormwater systems throughout Western Australia, to which the EMRC lodged a submission of support.

The EMRC and some of the member Councils were previously members of the Swan Canning Policy Forum, a group coordinated by WALGA, who developed the "*Priority Plan for Investment in the Swan Canning Catchment*" in 2011. One of the main issues the group sought to address was the complex problem of drainage. One of the recommendations of the Priority Plan was a Partnership Agreement to be signed by all statutory stakeholders to commit to water quality and to clarify roles and responsibilities. Subsequently a Partnership Agreement was signed by Water Corporation, Department of Water, WALGA and the Swan River Trust in 2012. However, it is unclear what progress has occurred on drainage since the document was signed.

## **REPORT**

It appears that positive change is occurring in relation to drainage management within state government and that there are opportunities arising that the EMRC and member Councils can take advantage of.

It is recommended that the EMRC host a facilitated workshop on drainage for member Council officers, including key stakeholders from the Water Corporation, the Department of Water, the Department of Parks and Wildlife and the Cooperative Research Centre for Water Sensitive Cities. This would provide a forum to discuss the current state of play on drainage, including the new "*Drainage Partnership Agreement*" and "*Drainage for Liveability Program*" as well as workshop other opportunities.

The workshop would align with the EMRC's new Regional Environment Strategy 2016-2020 – Action 1.8 – "*Facilitate a regional workshop to identify priority needs for strategic consulting and technical support in relation to Water Sensitive Urban Design*".

The workshop would provide member Councils the opportunity to discuss issues and share ideas. The workshop outcomes will assist the EMRC in its advocacy role, supporting member Councils on the issue of drainage.



*Item 11.3 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water and land quality and regional biodiversity conservation
- 1.6 To address climate change issues within the region

## **FINANCIAL IMPLICATIONS**

Costs relating to the workshop can be funded from the EMRC's 2016/2017 operating budget.

## **SUSTAINABILITY IMPLICATIONS**

Hosting a regional workshop on drainage will assist improving the natural environment of Perth's Eastern Region.

## **MEMBER COUNCIL IMPLICATIONS**

### **Member Council**

Town of Bassendean  
 City of Bayswater  
 City of Belmont  
 Shire of Kalamunda  
 Shire of Mundaring  
 City of Swan

### **Implication Details**

Member Councils officers' time may be required to participate in the workshop.

## **ATTACHMENT(S)**

Nil

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That the EMRC hosts a facilitated workshop on drainage management in Perth's Eastern Region to help inform and determine opportunities for member Councils into the future.

CEOAC discussed the report and it was agreed that the EMRC will facilitate a drainage management workshop with officers from the member Councils to identify any improvements to the current system or any opportunities for member Councils. Results of the workshop would form the basis of a future report to the CEOAC.



*Item 11.3 continued*

**CEOAC RESOLUTION**

MOVED MS HARDY

SECONDED MS BYWATER

That the EMRC hosts a facilitated workshop on drainage management in Perth's Eastern Region to help inform and determine opportunities for member Councils into the future.

**CARRIED UNANIMOUSLY**

**COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR EHRHARDT

THAT THE EMRC HOSTS A FACILITATED WORKSHOP ON DRAINAGE MANAGEMENT IN PERTH'S EASTERN REGION TO HELP INFORM AND DETERMINE OPPORTUNITIES FOR MEMBER COUNCILS INTO THE FUTURE.

**CARRIED UNANIMOUSLY**



## 11.4 EMRC REGIONAL INTEGRATED TRANSPORT STRATEGY 2017 - 2021

**REFERENCE: D2017/00680 (CEOAC) – D2017/02361**

### PURPOSE OF REPORT

The purpose of the report is to seek Council approval of the EMRC Regional Integrated Transport Strategy that will guide regional integrated transport activities delivered by the EMRC for the period 2017 to 2021.

### KEY ISSUES AND RECOMMENDATION(S)

- A Regional Integrated Transport Research Advisory Paper was prepared to inform the development of the Regional Integrated Transport Strategy 2017 – 2021 and assist in identifying priorities and projects relevant to Perth's Eastern Region.
- The process for development of the Regional Integrated Transport Strategy involved consultation with member Councils through the Regional Integrated Transport Strategy Implementation Advisory Group, the Economic Development Officers Group and Regional TravelSmart Working Group. This assisted to ensure that activities delivered by the EMRC at the regional level complement and support those underway or proposed by member Councils and state transport authorities.
- Implementation of the Strategy will be facilitated by the EMRC, with support of member Council Officers and other key stakeholders, through the Regional Integrated Transport Strategy Implementation Advisory Group.
- The EMRC has developed project costings to present to member Councils for consideration in the 2017/2018 Project Funding Summary and will seek external funding opportunities to assist with implementing projects within the Strategy.

#### Recommendations

That Council approves the EMRC Regional Integrated Transport Strategy 2017 – 2021, forming the attachment to this report.

### SOURCE OF REPORT

Director Regional Services

### BACKGROUND

The Establishment Agreement of the EMRC provides for regional economic and community development activities to be undertaken on behalf of member Councils.

Regional Integrated Transport forms part of the overall activities of the regional development business unit. Milestones in the evolution of regional development activities facilitated by the EMRC for Perth's Eastern Region include:

- 1998 - Regional Development became a Business Unit within the EMRC;
- 2004 - The EMRC formed the Regional Integrated Transport Strategy Working Group to guide the development of the first regional integrated transport strategy;
- 2008 - The Regional Integrated Transport Strategy 2008 - 2010 was released;
- 2008 - The EMRC formed the Regional Integrated Transport Strategy Implementation Advisory Group, which supports EMRC to identify and progress regional integrated transport projects;
- 2011 - The Regional Integrated Transport Strategy 2010 - 2013 was released;
- 2011 - The Regional Cycle Network Masterplan was released identifying cycling infrastructure priorities in the region;



#### *Item 11.4 continued*

- 2014 - The Regional Integrated Transport Strategy 2014 - 2016 was released;
- 2015 - Direction Zero 2015 - 2018 – A Regional Road Safety Plan for Perth's Eastern Region was released; and
- 2016 - The Regional Advocacy Strategy 2016 – 2020 was released that identified regional transport infrastructure priorities.

## **REPORT**

This report outlines the process utilised in development of the Regional Integrated Transport Strategy 2017 - 2021 and provides an overview of the priority areas and associated objectives. The complete Regional Integrated Transport Strategy 2017 - 2021 is provided as an attachment.

The EMRC's 10 Year Strategic Plan 2017 to 2027 sets in place a 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 EMRC's vision for the Regional Integrated Transport Strategy 2017 – 2021 for Perth's Eastern Region builds upon this context and is defined as:

*"To advocate and support the development of a safe, efficient and effective transport system that supports and enhances the region's economic, social and environmental wellbeing."*

The vision will be delivered through six priority areas, as detailed below.

- Priority Area 1: Safety. That the region's transport network is safe and transport users are not exposed to harm or perceived safety risks when utilising or interacting with the network.
- Priority Area 2: Efficiency. That the capacity of the region's transport network is maximised and used optimally.
- Priority Area 3: Effective and Productive. That the region's transport network provides effective access and movement for employment, health, education, commercial, social, leisure and freight purposes.
- Priority Area 4: Resilient and Innovative. That the region's transport network is flexible to address the region's changing needs and advances in technology.
- Priority Area 5: Socially Responsible. That the region's transport network is equitable, accessible and affordable to all populations and protects heritage and culturally significant sites.
- Priority Area 6: Environmentally Responsible. That the region's transport network minimises the environmental impact on the region's natural assets.

The Regional Integrated Transport Strategy 2017 – 2021 has been developed in consultation with representatives from member Councils. The strategy does not seek to replace individual integrated transport strategies of member Councils, but rather to complement and support them by outlining a regional framework for the delivery of transport outcomes across the whole of Perth's Eastern Region. The Regional Infrastructure Priority List incorporates infrastructure identified in the Regional Cycle Network Masterplan and the Regional Advocacy Strategy. The strategy proposes several priority actions that include the ongoing review of the Regional Infrastructure Priority List and Regional Road Safety Action Plan, conducting Public Transport Needs Assessments and the development of a Regional Congestion Management Action Plan and a Regional Smart Cities Action Plan.

Implementation of the Regional Integrated Transport Strategy 2017 – 2021 will be facilitated by the EMRC with support of member Council officers through the Regional Integrated Transport Strategy Implementation Advisory Group. The EMRC will take a lead role in the implementation of this strategy and will coordinate collaboration amongst member Councils and key stakeholders to achieve the objectives of the strategy. In addition to this, EMRC will undertake day-to-day activities to support the strategic objectives.





*Item 11.4 continued*

Member Councils will be involved in:

- Participating in the EMRC advisory and project groups;
- Provision of transport and land use data available at local government level;
- Leveraging regional advocacy activities;
- Consulting and engaging with local industry and the wider community;
- Liaising with other business units within their Council; and
- Keeping the EMRC informed of local activities and other project delivery responsibilities.

Implementation of the Regional Integrated Transport Strategy 2017 – 2021 and supporting action plans will be resourced through a blend of EMRC contributions, member Council contributions, and external funding and reviewed, monitored and evaluated on an ongoing basis.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 2 – Economic Development

2.1 To facilitate increased investment in regional infrastructure

## **FINANCIAL IMPLICATIONS**

Costs relating to the development of the Regional Integrated Transport Strategy 2017 – 2021 were included in the EMRC's 2016/2017 operating budget.

## **SUSTAINABILITY IMPLICATIONS**

The future sustainability of Perth's Eastern Region is largely dependent on the strength and ability of the Region to collaborate and use its resources effectively.

## **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} Member Council officer participation, as required, as part of the Regional Integrated Transport Strategy Implementation Advisory Group and/or the Regional TravelSmart Working Group.
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## ATTACHMENT(S)

Draft Regional Integrated Transport Strategy 2017 – 2021 (Ref: D2017/02362)

## VOTING REQUIREMENT

Simple Majority



*Item 11.4 continued*

### **RECOMMENDATION(S)**

That Council approves the EMRC Regional Integrated Transport Strategy 2017 - 2021, forming the attachment to this report.

Discussion ensued around the Appendix 3: Regional Infrastructure Priority List with some minor post meeting changes made in consultation with the City of Swan, which have been incorporated into the attachment.

### **CEOAC RECOMMENDATION(S)**

MOVED MR FOLEY

SECONDED MR JARVIS

That Council approves the EMRC Regional Integrated Transport Strategy 2017 - 2021, forming the attachment to this report.

**CARRIED UNANIMOUSLY**

### **COUNCIL RESOLUTION(S)**

MOVED CR BRIDGES

SECONDED CR EHRHARDT

THAT COUNCIL APPROVES THE EMRC REGIONAL INTEGRATED TRANSPORT STRATEGY 2017 - 2021, FORMING THE ATTACHMENT TO THIS REPORT.

**CARRIED UNANIMOUSLY**



# REGIONAL INTEGRATED TRANSPORT STRATEGY 2017 - 2021



Advancing Perth's Eastern Region 





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# Executive Summary

The Eastern Metropolitan Regional Council (EMRC) is a regional local government working on behalf of six member councils located in Perth's Eastern Region. The EMRC aims 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.

Perth's Eastern Region hosts Western Australia's major air, road and rail transport hub for movement of freight and passengers throughout Perth, intrastate, interstate and overseas. The region is considered the gateway to Greater Perth, made possible by people entering the region from the domestic and international airports or from the highways to the north and east.

Perth's Eastern Region has undergone rapid expansion and growth with major capital investments including intermodal freight terminal development, major airport and road redevelopment and education and health services investment. Increasingly, our region is becoming home to large national and international companies seeking office and commercial accommodation within close proximity of the CBD, key stakeholders and major transport routes. The major industrial areas of Malaga, Kewdale, Hazelmere, Forrestfield, Bayswater, Ashfield and Bassendean play key roles in transport, storage, manufacturing and logistics servicing the state's construction and resource sectors.

Perth's Eastern Region encompasses a variety of stakeholders with various responsibilities that contribute to the efficiency and effectiveness of the transport system. This *Regional Integrated Transport Strategy 2017-2021* acknowledges these stakeholder responsibilities and identifies opportunities for a collaborative approach to addressing the future transport needs of the residents and visitors of Perth's Eastern Region.

The vision for the *Regional Integrated Transport Strategy 2017-2021* is:

*"To advocate and support the development of a safe, efficient and effective transport system that supports and enhances the region's economic, social and environmental wellbeing."*

In order to achieve the vision of the *Regional Integrated Transport Strategy 2017-2021*, the strategy sets out six priority areas:

- **Priority Area 1:** Safety
- **Priority Area 2:** Efficiency
- **Priority Area 3:** Effective and Productive
- **Priority Area 4:** Resilient and Innovative
- **Priority Area 5:** Socially Responsible
- **Priority Area 6:** Environmentally Responsible

Each priority area identifies goals and objectives that will guide the EMRC to develop action plans for the next five years. The EMRC will undertake a central role for the delivery of this strategy and will coordinate collaboration amongst member councils and key stakeholders to achieve the objectives outlined in this strategy. These objectives include regional advocacy; research; education; information and engagement; regional programs; innovation; and collaboration.

Population **365,500**



growing to over **400,000**  
by 2021



Area

**2,100**  
km<sup>2</sup>

Approximately, **126,000** jobs in the region

Of which, approximately **85%**  
of employees travel to work by car



Over **17,000** residents work in Perth City

**1/3** of all  
containers from  
Fremantle Port  
are delivered  
to Kewdale  
intermodal  
terminal

- Gateway WA and Tonkin Highway Principal Shared Path (completed 2015)
- Midland Public and Private Hospital (completed 2015)
- New domestic and international terminals at Perth Airport (completed 2016)
- Midland Principal Shared Path (to Morrison road, completed 2016)
- Bayswater and Belmont Bicycle Boulevards (completed by 2017)
- Ellenbrook Bus Rapid Transit Way (completed by 2018)
- NorthLink WA (completed by 2019)
- Forrestfield-Airport Link (completed by 2020)
- Midland Curtin University (completed by 2021)

# Context

## 2.1 Perth's Eastern Region

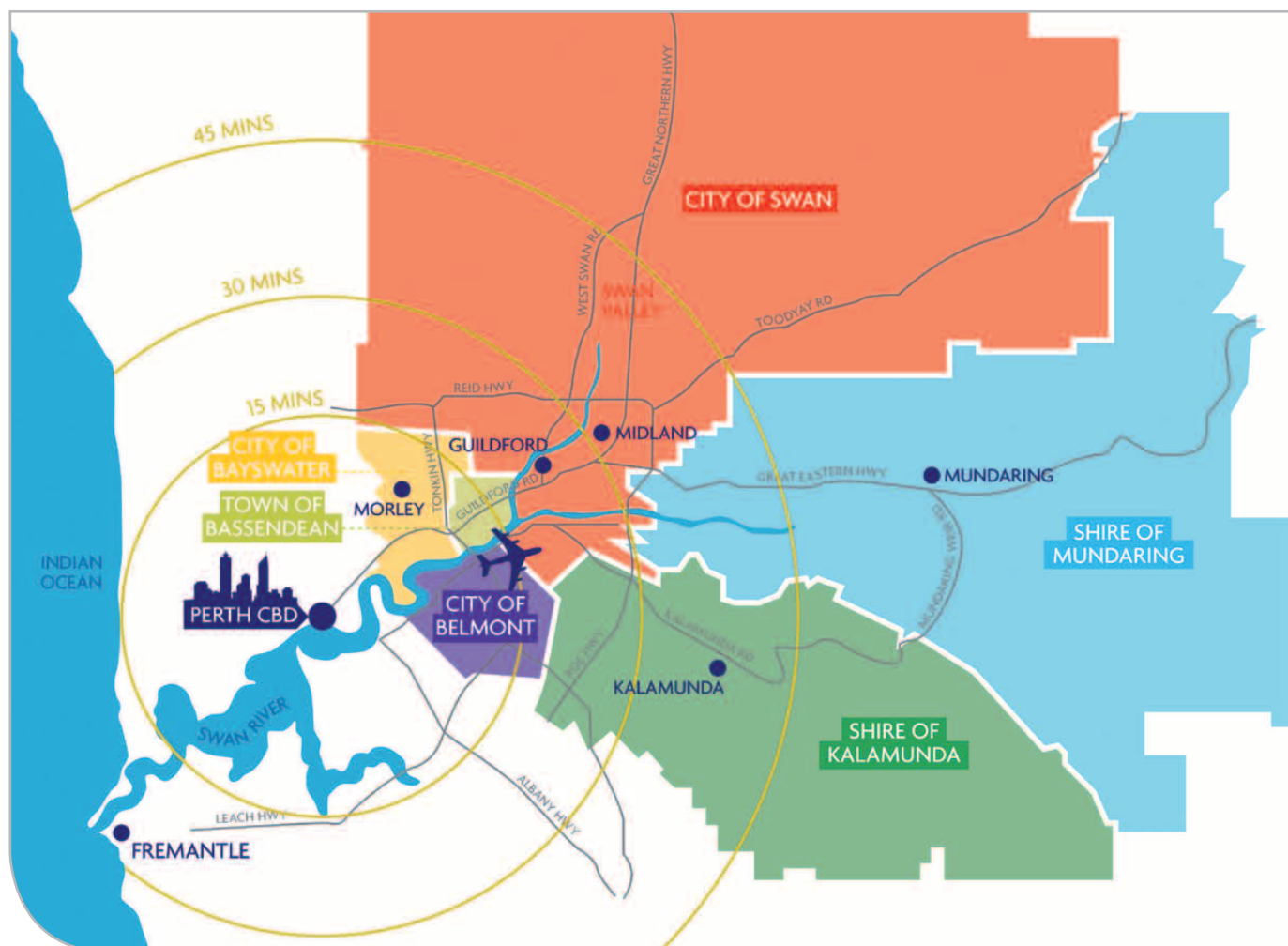
Perth's Eastern Region is an area of Perth defined by the boundaries of six local governments: Town of Bassendean, City of Bayswater, City of Belmont, Shire of Kalamunda, Shire of Mundaring and the City of Swan. The region constitutes around one-third of Perth's metropolitan area encompassing a land area of about 2,100 square kilometres and an estimated population of 365,500 people.

Perth's Eastern Region hosts Western Australia's major air, road and rail transport hub for movement of freight and passengers throughout Perth, intrastate, interstate and overseas. The region is considered the gateway to Greater Perth, made possible by people entering the region from the domestic and international airports or from the highways to the north and east.

Perth's Eastern Region has undergone rapid expansion and growth with major capital investments including intermodal freight terminal development, major airport and road redevelopment and education and health services investment. Increasingly, our region is becoming home to large national and international companies seeking office and commercial accommodation within close proximity of the CBD, key stakeholders and major transport routes. The major industrial areas of Malaga, Kewdale, Hazelmere, Forrestfield, Bayswater, Ashfield and Bassendean play key roles in transport, storage, manufacturing and logistics servicing the state's construction and resource sectors.

In addition to the specialist and industrial centres, a number of key activity centres in the region are identified for growth in the state's key planning framework *Directions 2031 and Beyond*. Morley and Midland are both identified as Strategic

## Map of Perth's Eastern Region





Metropolitan Centres providing a mix of retail, office, community, entertainment, residential and employment activities. Morley represents the only Strategic Metropolitan Centre not connected by a rail network. Secondary centres identified are Belmont and Ellenbrook. These centres perform a key role in delivering a range of services to nearby communities and play a vital role for allocation of future infill population. Forrestfield, Kalamunda, Mundaring, Ashfield, Bassendean and Maylands have been identified as district centres that provide key local services, facilities and employment opportunities. The Perth Airport redevelopment, Midland Health Campus, Gateway WA and NorthLink WA in particular will provide new infrastructure to support future growth. The region's boundaries border both the Perth CBD and rural areas. Spanning inner urban areas to outer metropolitan and urban fringe developments, this is a growing vibrant region.

Perth's Eastern Region represents an attractive destination for visitors and provides a high quality of life for residents. The region is home to a number of core assets including: national parks; walking and cycling trails; numerous picturesque parks and reserves on the banks of the Swan River; an extensive range of heritage, culture and arts attractions including Guildford, which is one of the oldest settled areas in WA; the popular Swan Valley and boutique wineries in the Perth Hills. A range of community events and recreation facilities provide for community activity. Both the Swan Valley and Perth Hills have been identified as key attractors for the Greater Perth Metropolitan Area.

With a diverse regional economy, access to a skilled workforce and a range of leisure, lifestyle and living opportunities, Perth's Eastern Region is well positioned for continued growth and represents an attractive investment destination.





## 2.2 Eastern Metropolitan Regional Council

The Eastern Metropolitan Regional Council (EMRC) is a progressive and innovative regional local government working on behalf of the six councils located in Perth's Eastern Region.

The EMRC is an incorporated body established under the *Western Australian Local Government Act 1995*. The EMRC's operations are governed by its Council under an Establishment Agreement. In brief, the Establishment Agreement states that the EMRC will:

- Work in consultation with member councils to facilitate local government to enhance its service delivery to the community;
- Be efficient and effective in delivering quality services and facilities;
- Promote and market the role of local government in the community;
- Implement a strategic plan that is regularly reviewed; and
- Avoid providing any service or facility that adversely impacts on the services or facilities of any member council.

In line with this brief, the EMRC provides a broad range of services across the region including waste management and education, resource recovery, environmental management and regional development. Working in partnership with our member council's and other stakeholders, the EMRC delivers local and regional scale projects across each of these areas for the benefit of the region.

Working with our member councils, industry, government agencies and other stakeholders, the EMRC is a model of successful collaboration that delivers tangible benefits to the region. All projects and activities undertaken by the EMRC reflect the objectives within the *EMRC's 10 Year Strategic Plan 2017 to 2027*. The plan includes the Key Result Areas (KRA) of Environmental Sustainability, Economic Development and Good Governance.



## OUR 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.



## OUR VALUES

The values that govern the EMRC are:

**EXCELLENCE** – Striving for excellence through the development of quality and continuous improvement.

**RECOGNITION** – Valuing staff in a supportive environment that focuses on their wellbeing.

**INNOVATION** – Focus on innovative approaches in project and service delivery.

**RESPONSIVENESS** – Dynamic and flexible service delivery.

**INTEGRITY** – Accountability and consistency in all that we do.



## OUR MISSION

EMRC, by partnering with member councils (and other stakeholders), facilitates strategies and actions for the benefit and sustainability of Perth's Eastern Region.





### 2.3 Integrated Planning

Integrating land use and transport planning plays a key role in the development of an integrated transport network. By shaping the pattern of development and influencing the location, scale, density, design and mix of land uses, planning can help to facilitate an efficient transport and land use system. Through integrated and improved planning, greater outcomes can be achieved such as reducing the need to travel, reducing length of journeys, providing safer and easier access to jobs, schools and services, reducing the impact of transport on the community and the environment, improving freight access to key terminals and improving freight flows. In addition to this, integrated planning supports efficient land and infrastructure use, can assist in reducing greenhouse gas emissions and reliance on fossil fuels, provides for the efficient distribution of goods and services to local business and community and provides a choice of travel modes, ensuring flexibility to meet the demands of a changing economy and market environments.

This *Regional Integrated Transport Strategy 2017-2021* acknowledges the importance of integrated planning through its rigorous review of local, state and federal planning strategies and formed a stakeholder group that represents a wide range of agencies to ensure the best outcomes for Perth's Eastern Region.



Table 1. Major employment locations<sup>1</sup>

Locations	Number of employees
Malaga	14,186
Belmont – Ascot – Redcliffe	10,769
Midland – Guildford (inc Bellevue)	9,908
Perth Airport	8,513
Kewdale Commercial	6,869
Bayswater – Embleton – Bedford	6,482
Morley	5,689
Forrestfield – Wattle Grove	5,521
Bassendean – Eden Hill – Ashfield	5,008

Table 2. Expected growth in the suburbs

Locations	New dwellings
Swan Urban Growth Corridor	12,500 <sup>2</sup>
Forrestfield-Airport Link	11,750
Belmont (DA6)	6,500 <sup>3</sup>
Forrestfield	5,250 <sup>4</sup>
Midland	2,700 <sup>5,6</sup>

<sup>1</sup> Australian Bureau of Statistics (2011). Australian Census

<sup>2</sup> Western Australian Planning Commission (2009). Swan Urban Growth Corridor – Sub Regional Structure Plan.

<sup>3</sup> Perth Airport Pty Ltd & City of Belmont (2014). Development Area 6.

<sup>4</sup> Shire of Kalamunda (2016). Forrestfield North – District Structure Plan.

<sup>5</sup> Metropolitan Redevelopment Authority (2015). Midland Master Plan.

<sup>6</sup> City of Swan (2013). Midland Activity Centre Master Plan.





## 2.4 Western Australian Strategic Planning Context

Western Australia has a number of policies and strategies which guide the development of land use development transport networks in metropolitan Perth. The main policy and strategic documents that are associated with developing the transport network in Western Australia are:

- *State Planning Strategy 2050*
- *Metropolitan Regional Scheme*
- *Directions 2031 and Beyond*
- *State Planning Policy 4.2 – Activity Centres for Perth and Peel*
- Draft Perth and Peel @ 3.5 million
  - Draft Central sub-regional planning framework
  - Draft North-East sub-regional planning framework
- Draft Transport @ 3.5 million
  - Draft Public Transport Plan
  - Draft Road Network Plan
  - Draft Cycling Network Plan
  - Draft Freight Transport Network Plan
  - Draft Travel Demand Management Plan
- *Perth Airport Master Plan 2014*

The *State Planning Strategy 2050* is the overarching strategic document that informs all other state, regional and local planning strategies, policies and approvals. The *Metropolitan Regional Scheme* provides the primary statutory planning document which identifies and reserves corridors for regional transport infrastructure.

The state government has recognised the importance of Perth's Eastern Region as a transport and industry hub in its urban development framework for Perth and Peel regions: *Directions 2031 and Beyond*. The framework provides a high-level spatial strategic plan, which sets a vision for future growth to guide the implementation of housing, infrastructure and necessary services for a range of growth scenarios.

The draft Perth and Peel @ 3.5 million and the Central and North-East Sub-Regional Frameworks provide guidance in delivering the objectives of *Directions 2031 and Beyond*. They identify a strategic plan of actions, stakeholder responsibilities and timeframes for delivery. The framework sets a target to increase urban infill development to 47% and new dwellings in the Perth and Peel regions will be built in strategic infill locations (activity centres, public transport corridors, station precincts). This includes 215,000 dwellings in the Central Region (includes the Town of Bassendean and the Cities of Bayswater and Belmont) and 40,000 dwellings in the North East Region (City of Swan and the Shires of Kalamunda and Mundaring). In the North East Region, there will be a further 66,000 dwellings in greenfield and undeveloped urban areas.

The draft Transport @ 3.5 million provides a long-term plan for transport infrastructure and the efficient use of the network as the population approaches 3.5 million and beyond. The plan highlights several major pieces of infrastructure within Perth's Eastern Region that include rail to Morley and Ellenbrook; the extension of the Midland line to Bellevue; upgrades to the road network including the Perth-Adelaide National Highway; new green bridges over the Swan River and upgrades to the freight rail network. The plan also focuses on optimising the system using various methods such as public transport network optimisation, managed freeway tools and travel demand management strategies, highlighting that these will be combined with all new significant public transport infrastructure projects or services.

Major retail and commercial centres are largely defined by *State Planning Policy 4.2: Activity Centres for Perth and Peel*, which includes a hierarchy of such centres across the Greater Perth Metropolitan Area. The activity centre hierarchy defines the places which vary in scale, composition and character but in essence are commercial focal points which include a combination of activities such as offices, retail, higher-density housing, entertainment, civic / community, education and medical services.



Key locations identified within Perth’s Eastern Region (see table 3) include Perth Airport which has been identified as one of five strategic specialised centres in Western Australia, Kewdale / Welshpool as a key strategic industrial centre and Midland and Morley which are strategic metropolitan centres within the activity centres network. The smaller secondary centres of Belmont and Ellenbrook also perform an important role in the regional economy and provide an essential service to their catchment populations.

7 Western Australian Planning Commission (2010). State Planning Policy 4.2 - Activity Centres for Perth and Peel.  
 8 Western Australian Planning Commission (2010). Directions 2031 and Beyond.

Table 3. Activity Centre Hierarchy<sup>7, 8</sup>





## 2.5 Why a Regional Integrated Transport Strategy?

Perth's Eastern Region is a major air, rail and road transport hub servicing both passenger and freight demands of the state. It encompasses a variety of stakeholders with various responsibilities that contribute to the efficiency and effectiveness of the transport system. This *Regional Integrated Transport Strategy 2017-2021* acknowledges these stakeholder responsibilities and identifies opportunities for a collaborative approach to addressing the future transport needs of the residents and visitors of Perth's Eastern Region.

## 2.6 Regional Integrated Transport Strategy Implementation Advisory Group

The Regional Integrated Transport Strategy Implementation Advisory Group was formed to provide advice and recommendations to the EMRC with the aim of advancing the implementation of the initiatives identified in the strategy.

The Regional Integrated Transport Strategy Implementation Advisory Group is to carry out the following functions:

- Conduct an initial review of the management, monitoring and implementation of the *Regional Integrated Transport Strategy 2017-2021* and action plans (including regional road safety) and to provide advice and recommendations on action to progress implementation of the strategy and action plans and to manage that progression.
  - Liaise with state government representatives on funding to implement the *Regional Integrated Transport Strategy 2017-2021* and action plans.
  - Co-ordinate the implementation of both the local government initiatives in the *Regional Integrated Transport Strategy 2017-2021* and action plans.
  - Identify, and make recommendations on, technical investigations and promotional and lobbying activities needed to progress the *Regional Integrated Transport Strategy 2017-2021* and action plans.
- Monitor progress on all aspects of the implementation of the *Regional Integrated Transport Strategy 2017-2021* and action plans.
  - Undertake an annual review of the *Regional Integrated Transport Strategy 2017-2021* and action plans and progress toward implementation. Such review is to be linked to state and local government budgeting processes and to result in recommendations on any adjustments to strategies that are considered necessary and on actions for ongoing implementation of the *Regional Integrated Transport Strategy 2017-2021*.

The Regional Integrated Transport Strategy Implementation Advisory Group is made up of at least one officer representative (with appropriate expertise and seniority) appointed by each of the following agencies:

- Each constituent local government member of the EMRC:
  - Town of Bassendean;
  - City of Bayswater;
  - City of Belmont;
  - Shire of Kalamunda;
  - Shire of Mundaring; and
  - City of Swan.
- EMRC.
- Department of Transport.
- Main Roads Western Australia.
- Public Transport Authority.
- Department of Planning.
- Perth Airport.
- Western Australian Road Transport Association.
- Road Safety Commission.
- RAC.
- Western Australian Police.
- Western Australian Local Government Association.

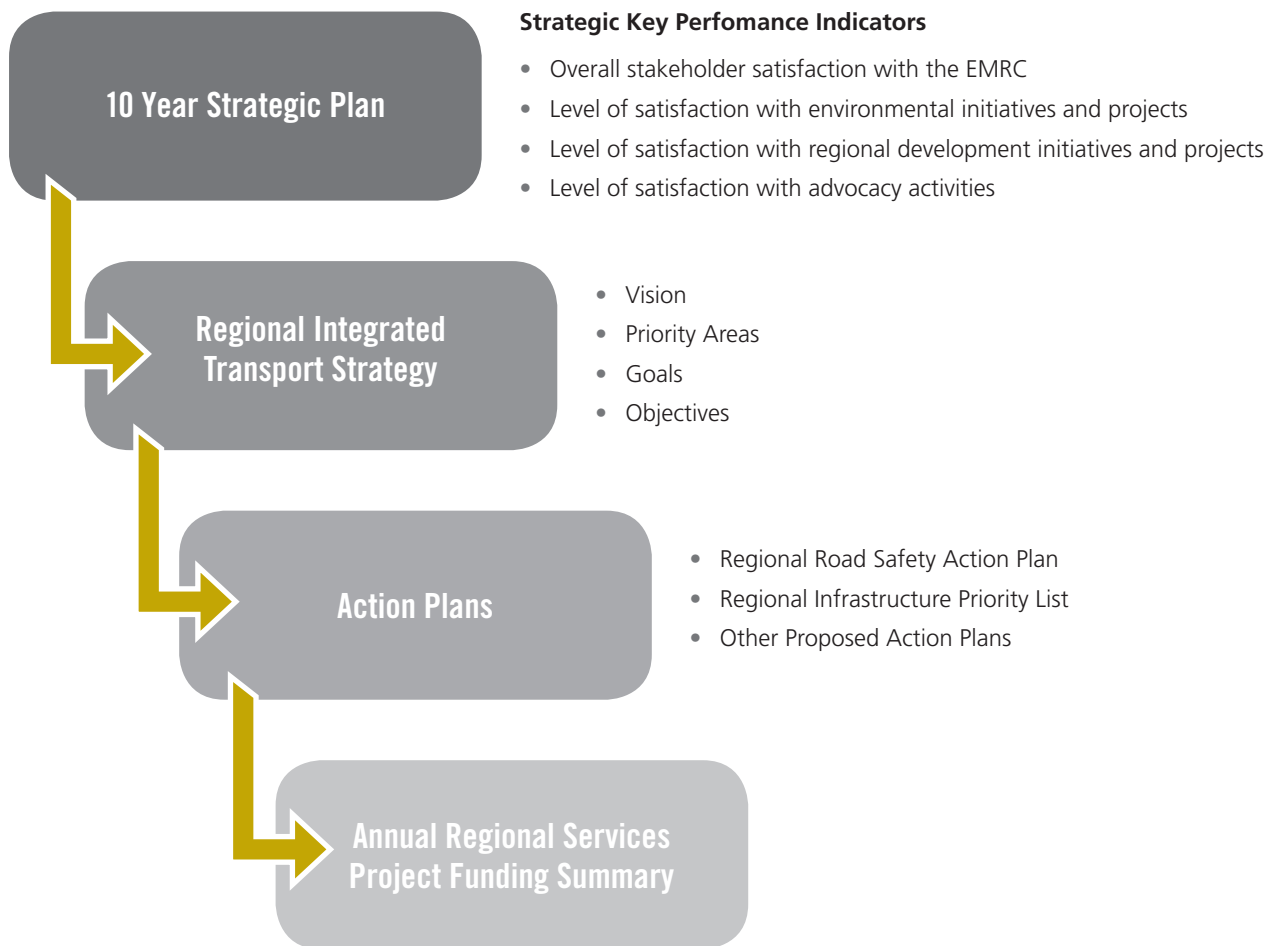




## 2.7 Framework Approach

The EMRC's 10-year Strategic Plan 2017 to 2027 sets the direction of the organisation, of which this *Regional Integrated Transport Strategy 2017-2021* sits under key result area two (Economic Development).

Therefore, this strategy will provide the overarching strategic direction for transport planning decisions and through identifying goals and objectives, will inform future updates to the EMRC's action plans and advocacy priorities.









## 3. Priority Areas

In order to achieve the vision of the *Regional Integrated Transport Strategy 2017-2021*, six priority areas are identified:

### 1. Safety

Goal: That the region's transport network is safe and transport users are not exposed to harm or perceived safety risks when utilising or interacting with the network.

### 2. Efficiency

Goal: That the capacity of the region's transport network is maximised and used optimally.

### 3. Effective and Productive

Goal: That the region's transport network provides effective access and movement for employment, health, education, commercial, social, leisure and freight purposes.

### 4. Resilient and Innovative

Goal: That the region's transport network is flexible to address the region's changing needs and advances in technology.

### 5. Socially Responsible

Goal: That the region's transport network is equitable, accessible and affordable to all populations and protects heritage and culturally significant sites.

### 6. Environmentally Responsible

Goal: That the region's transport network minimises the environmental impact on the region's natural assets.



## VISION

To advocate and support the development of a safe, efficient and effective transport system that supports and enhances the region's economic, social and environmental wellbeing.



# Priority Area 1.

## Safety

*Goal: That the region's transport network is safe and transport users are not exposed to harm or perceived safety risks when utilising or interacting with the network.*

A safe transport network is one where all road, public transport and active transport users feel safe and are not exposed to harm when utilising or interacting with the network. The effect of road trauma costs the community considerably, both socially and financially. Between 2011 and 2015, there were 107 fatalities on the roads within the region and thousands more people who were hospitalised or required medical treatment.

### Road Safety

Road safety is a shared responsibility across various state and local government agencies. The state's *Towards Zero Road Safety Strategy 2008-2020*<sup>9</sup> is guided by the safe systems approach adopted by all Australian jurisdictions. Aligning with this strategy, the EMRC's Regional Road Safety Plan, *Direction Zero 2015-2018*,<sup>10</sup> supports, assists and advocates for the development of a fatality and serious injury free road network in Perth's Eastern Region. The plan seeks to collect road safety data and undertake audits to identify safety risks for action either through awareness raising, advocating for improvements to roads and roadsides or supporting local government submissions to the state and federal Government's Black Spot Programs.

The Road Safety Commission, formed in 2015, uses community education campaigns to raise awareness of the risks associated with unsafe road behaviours and encourage safe behaviours<sup>11</sup>. Based on the four safe system cornerstones (safe road use; safe roads and roadsides; safe speeds; and safe vehicles), the Commission delivered a variety of initiatives in 2015/2016 to address road safety, including speeding, drink driving and a suite of bicycle safety campaigns. The Commission also assumed responsibility of the legislative amendment to remove age restrictions for cycling on footpaths. As such, the Commission should be used as a platform to ensure that agencies work collaboratively to reduce road trauma.

Various state and local government agencies are responsible for the construction and maintenance of roads in Western Australia. While local governments are responsible for local roads, Main Roads WA, the state's road authority, is responsible for maintaining the state's major roads, bridges, verges and reserves. Major roads are designed to attract high volumes of traffic including both private and freight vehicles, and there is a responsibility to ensure that roads are designed, maintained and enhanced to reduce the risk of crashes occurring and the severity of injury if a crash does occur. In particular, safety issues are often present when two modes of transport are required to operate in the same space and can include infrastructure such as pedestrian and rail crossings. Vulnerable road users, such as pedestrians, cyclists and motorcyclists, represent almost 40% of fatalities in the region and are overrepresented when compared with other road users. Efforts to reduce the risk of fatal and serious injury crashes by these road users are required.



Between 2011 and 2015, there were **107** fatalities on roads within the region.

The Western Australian Police also contributes to two of the four cornerstones of the safe systems framework (safe speeds and safe road use). Whilst the Western Australian Police's *Road Policing Strategy 2011-2014*<sup>12</sup> has expired, the importance of enforcement still plays a vital role in the overall safety on the road network as police are given responsibility for enforcing road user behaviour by apprehending those breaking the law and deterring others from engaging in dangerous behaviour. Furthermore, many of the priorities targeted in this strategy were also identified as issues in the EMRC's Transport Community Engagement Survey<sup>13</sup>, including driver distraction, speeding and anti-social driver behaviour (hoon).

Ongoing review of infrastructure upgrades to improve road safety black spots, changes in speed limits in areas of risk or areas requiring road behaviours enforcement is necessary to ensure that the region's road network remains safe for all transport users.

### Infrastructure Design

Whilst transport safety is often considered in terms of the number of road crashes and fatalities, other safety factors have an effect on how the community interacts with the network and the method of transport chosen. Perceptions of safety are influenced by a range of personal, social and built environment factors. Attributes of the built environment that promote visibility and natural surveillance, such as lighting and surveillance on public transport services, stations<sup>14</sup> and pedestrian underpasses, have well-documented associations with feeling safe. These key design principles are known to influence active transport and public transport usage and are identified in guidelines to design liveable neighbourhoods<sup>15</sup> that reduce crime<sup>16</sup>.

The design of our networks and vehicles we choose to use can impact the community's health through such factors as air pollution, noise pollution and sun exposure. Motor vehicles are a major source of air pollution and non-combustion pollutants such as road dust that contributes to cardiovascular and respiratory disease<sup>17</sup>. While air pollution is often an invisible risk factor, it is important to reduce the community's exposure where possible, especially for those who choose active forms of transport. Noise pollution not only decreases amenity and liveability, but also impacts on health and wellbeing<sup>18</sup>. Methods to reduce or remove exposure to noise by air, road and rail transport should meet the community's expectation of what is an acceptable level of noise. Sun exposure is especially important for active transport modes, therefore shade is also an important design consideration for streets and footpaths. Implementing urban forest strategies to significantly increase tree canopy has the potential to reduce the risks of the urban heat island effect and sun exposure, improve comfort and amenity and encourage greater use of active transport modes<sup>19</sup>.

To ensure that Perth's Eastern Region transport system is safe, the following objectives have been identified:



### Objectives

- 1.1 Identify and advocate for the removal or treatment of road safety black spots including the removal or grade separation of high-risk level crossings and intersections.
- 1.2 Identify and support information, communication and education initiatives that encourage safe transport behaviours and inform of potential risk factors.
- 1.3 Advocate for roads and roadsides to be well maintained and continuously improved to reduce crash risk.
- 1.4 Identify areas of the transport network where enforcement and surveillance activities will improve the safe use of the transport network and advocate for their implementation.
- 1.5 Advocate for transport infrastructure that uses 'designing out crime' principles to improve safety and amenity of transport-related public spaces.
- 1.6 Advocate for transport infrastructure that limits the harmful impact of air pollution, noise pollution, the urban heat island effect and sun exposure on human health.

- 9 Office of Road Safety (2009). *Towards Zero - Road Safety Strategy 2008-2020*.
- 10 EMRC (2015). *Direction Zero 2015-2018 - A Regional Road Safety Plan for Perth's Eastern Region*
- 11 Road Safety Commission (2016). *2015-16 Annual Report*
- 12 WA Police, (2011). *Road Policing Strategy 2011-2014*.
- 13 EMRC (2016). *Transport Community Engagement Survey*.
- 14 Public Transport Authority, <http://www.pta.wa.gov.au/portals/0/annualreports/2013/community/safety-and-security.asp> accessed 1 October 2016
- 15 Western Australian Planning Commission (2015). *Liveable Neighbourhoods (draft)*.
- 16 Western Australian Planning Commission (2006). *Designing Out Crime Planning Guidelines*.
- 17 Bureau of Transport and Regional Economics (2005). *Health Impacts of Transport Emissions in Australia: Economic Costs*
- 18 Western Australian Planning Commission, (2009). *State Planning Policy 5.4 - Road and Rail Transport Noise and Freight Considerations in Land Use Planning*.
- 19 Western Australian Planning Commission (2015). *Liveable Neighbourhoods (draft)*.

## Priority Area 2.

# Efficiency

*Goal: That the capacity of the region's transport network is maximised and used optimally.*

An efficient transport network is vital for the region's economic and social prosperity. The Bureau of Infrastructure, Transport and Regional Economics estimated that avoidable congestion (i.e. the deadweight loss of actual congestion levels, relative to economically optimal traffic levels) cost the Greater Perth Metropolitan Area \$2 billion in 2015 and is expected to rise to \$5.7 billion by 2030<sup>20</sup>. With high car dependence, continued urban sprawl, strong population forecasts and an economy dependent on road and rail freight in Perth's Eastern Region, it is vital to ensure that congestion is minimised.

### Congestion

The draft Perth and Peel @ 3.5 million Central Sub-Regional Framework<sup>21</sup> identifies that congestion is increasing on the regional road network, particularly during the morning peak period. This mainly affects the roads that connect the outer areas of the sub-region to the Central sub-region, including Lord Street, Great Northern Highway, Roe Highway, Reid Highway and Gnangara Road to the North-West sub-region. The identification and control of congestion hotspots on the road and freight networks at key intersections and rail crossings, whether through grade separation or through improvements in traffic management tools such as signalling and signage, will be required to ensure efficient movement of freight and traffic through key corridors. There is also a need to continue smart integration of land use and transport planning through transit oriented developments and through marketing and behaviour change programs, such as 'Your Move', to ensure future congestion and capacity constraints are minimised and the benefits to the region and its residents maximised.

### Infrastructure Improvements

Grade separation treatments of the road and rail freight network are an effective way to improve efficiency and safety of existing infrastructure. With the expected increase in freight activity in the Kewdale, Forresterfield and Hazelmere industrial areas<sup>22</sup>, key intersection upgrades and the removal of traffic bottlenecks along the network of highways surrounding these areas, such as Roe and Great Eastern Highways, will assist the efficient movement of freight and traffic through these key corridors. For example, recently completed road widening projects on Great Eastern Highway and Abernethy Road have left bottlenecks that reduce the effectiveness of these upgrades. In addition, the gap between the Gateway WA and Northlink WA projects will also result in traffic bottlenecks if Redcliffe Bridge and the over-rail bridge are not also upgraded in a timely manner.



Avoidable congestion  
cost the Greater Perth  
Metropolitan Area  
**\$2 billion** in 2015  
and is expected to rise to  
**\$5.7 billion**  
by 2030.



At-grade rail crossings, for both freight and passenger rail, can cause significant delays and safety issues to other transport modes that can be alleviated by grade separation treatments. Between 2009 and 2015, the level crossings at Daddow Road, Kewdale and Lloyd Street, Midland were grade separated to improve freight efficiency to the surrounding industrial areas. Further grade separation priorities on the freight rail line through Midland and Middle Swan and at high-risk crossings on the Perth to Midland passenger rail line have been identified in the draft Perth Freight Transport Network Plan<sup>23</sup> and the draft Public Transport Plan<sup>24</sup> and will improve the safety and efficiency of these networks.

Infrastructure improvements that provide for higher capacity vehicles to operate have the potential to maximise the productivity of existing assets and have applications for both public transport and freight. Extending the length of train station platforms will allow longer trains to operate on the Midland line. Adaptations to road and rail infrastructure can allow larger rail and road freight vehicles to operate achieving economies of scale and cost reductions for freight transport.

### Congestion Management and Intelligent Transport Systems

Intelligent transport systems, such as electronic message signs allowing variable speed limits, advanced warnings of delays or hazards, lane control and ramp signalling will play an increasingly important role in the management of the transport network. Main Roads WA, through its Traffic Congestion Management Program<sup>25</sup> seeks to improve the existing road network through the use of intelligent transport systems and traditional infrastructure enhancements. This has resulted in several projects across the Greater Perth Metropolitan Area including the new merge lines on the Kwinana and Mitchell Freeways, pedestrian countdown timers, traffic signal timing improvement projects and trial projects such as yellow box junctions, flashing yellow turning traffic and right turn filtering. Consideration of these improvements may provide low-cost solutions to the region's congestion hotspots.

20 Bureau of Infrastructure, Transport and Regional Economics (2015). Traffic and congestion cost trends for Australian capital cities.

21 Western Australian Planning Commission (2015). Perth and Peel @ 3.5 million - Central Sub-Regional Framework (draft).

22 Department of Transport (2016). Perth Freight Network Plan - Transport at 3.5 million (draft).

23 Department of Transport (2016). Perth Freight Transport Network Plan - Transport @ 3.5 million (draft).

24 Department of Transport (2016). Public Transport Plan - Transport @ 3.5 million (draft).

25 MainRoads WA, <https://project.mainroads.wa.gov.au/tcmp/Pages/About.aspx> dated accessed 10 October 2016



Photo provided by Gateway WA

## Travel Demand Management and Route Optimisation

Large infrastructure projects such as Gateway WA, the Great Eastern Highway upgrades and grade separations of key intersections and crossings on key freight and traffic routes have allowed greater capacity and efficiency of vehicle movements in Perth's Eastern Region. However, these supply-side approaches to improve efficiency can be expensive and require the availability of significant parcels of land. There is merit in policies that promote the efficient operation and use of the existing network to delay or minimise additional road or public transport infrastructure upgrades, maximise the investment spent on infrastructure and minimise the negative effects of an inefficient transport network. These approaches can include integrating transport and land use planning; improving information and communication services; introducing travel behaviour change programs; and prioritising more space to cost efficient modes of transport such as walking, cycling and public transport.

**Table 4. Perth's Eastern Region employee travel behaviour<sup>26</sup>**

Number of Employees	126,599
Car, as driver	80.3%
Car, as passenger	5.9%
Public Transport	3.7%
Walked only	2.0%
Bicycle only	0.8%
Worked from home	4.1%
Other	3.2%

## Behaviour Change Programs

TravelSmart is a suite of travel behaviour programs aimed at households, communities, schools and workplaces with the objective of promoting and increasing the use of walking, cycling and public transport. Since the delivery of the individualised marketing pilot program in 1997, the program has shown significant changes in travel behaviour. Now under the 'Your Move' brand, the program has successfully incorporated the promotion of sport and recreation opportunities in recent years in household programs in the Cities of Cockburn and Wanneroo. The draft Transport @ 3.5 million plan<sup>27</sup> has identified that travel behaviour programs will be combined with all new significant cycling and public transport infrastructure projects to maximise the use of new infrastructure. With the delivery of the Forresterfield-Airport Link and the Ellenbrook Bus Rapid Transit Way, behaviour change programs such as 'Your Move' will be beneficial to the surrounding communities.

## Self-sufficiency and Decentralisation

In the coming years, the Greater Perth Metropolitan Area is expected to support considerably more residents and jobs located outside of the Perth CBD. Ongoing population growth in Perth's Eastern Region will lead to additional pressure on the existing radial-style transport networks to meet the demand and will lead to greater congestion in the peak direction. As activity centres play an increasing role in providing housing and employment opportunities outside of the Perth CBD, this will help to distribute commuter traffic by allowing contra-flow transport use, improving cost efficiency of infrastructure<sup>28,29</sup>. Increased employment self-sufficiency and decentralisation, with supporting orbital public transport routes, have the potential to achieve the aim for '30-minute cities' outlined in the federal government's Smart Cities Plan<sup>30</sup>, as greater opportunities for people to work closer to where they live will be provided, reducing commute times.

To ensure that Perth's Eastern Region minimises congestion and has an efficient transport system, the following objectives have been identified:

### Objectives

- 2.1 Identify and advocate for the removal or control of congestion hotspots.
- 2.2 Identify and advocate for the removal or grade separation of key level rail crossings and road intersections on the freight network.
- 2.3 Identify and advocate for opportunities in the freight and public transport network where infrastructure improvements will accommodate higher capacity vehicles.
- 2.4 Identify and advocate for opportunities where intelligent transport systems and traditional infrastructure enhancements could be used to maximise road and rail network efficiency.
- 2.5 Advocate for and support information, communication, education and behaviour change initiatives that encourage greater use of walking, cycling and public transport.
- 2.6 Advocate for and support initiatives that improve employment self-sufficiency to reduce commuter travel demand.







**Self-sufficiency**

**Number of Jobs**  
———— = **78%**  
**Total Labour Force**

**in Perth's Eastern Region**

**Self-containment**

**53%** of people live and  
work in Perth's Eastern Region

- 26 Australian Bureau of Statistics (2011). Australian Census
- 27 Department of Transport (2016). Public Transport Plan - Transport @ 3.5 million (draft).
- 28 Western Australian Planning Commission (2015). Perth and Peel @ 3.5 million (draft).
- 29 Western Australian Planning Commission (2010). State Planning Policy 4.2 - Activity Centres for Perth and Peel.
- 30 Department of the Prime Minister and Cabinet (2016). Smart Cities Plan.

## Priority Area 3.

## Effective & Productive

*Goal: That the region's transport network provides effective access and movement for employment, health, education, commercial, social, leisure and freight purposes.*

The transport network is tasked with the challenge of catering for the movement needs of people of all ages and abilities as well as goods and freight across a range of different purposes. To support the continued growth of the future population of Perth's Eastern Region and the expansion of freight movements, new transport networks that expand capacity require investment and early identification of the land required for new infrastructure. Perth is generally considered a sprawling city and many people in Perth's Eastern Region rely heavily on the road network due to lack of alternatives. As infill targets and transit-oriented developments progress, more people will live closer to essential services and their place of employment, providing a higher demand for alternative modes such walking, cycling and public transport.

### Active Transport

Walking and cycling are low cost, non-polluting and healthy forms of transport. Western Australia's warm climate combined with the region's low pollution and picturesque landscapes, encourage people to use active forms of transport for some of their trips. The EMRC's *Regional Cycle Network Master Plan*<sup>31</sup> identified a 20-year schedule of works and advocacy priorities for active transport infrastructure in the region. The master plan also identified the barriers to cycling in the region and proposed infrastructure required to overcome these, for example, 'green bridges' (walking, cycling and bus-only bridges) over the Swan River to facilitate transport and recreation opportunities. Travel distance remains one of the strongest and most consistent predictors of active travel<sup>32</sup>. Analysis of the 2011 census revealed that many people who work in the region travelled great distances to work, there were also some areas where improved infrastructure and services may encourage more people to walk, cycle and / or catch public transport to work, in particular Malaga, Midland and Morley<sup>33</sup>. In addition, increasing shade and tree canopy along active transport routes increase comfort and amenity and may encourage pedestrian and cyclist use<sup>34</sup>. The introduction of the Belmont, Bayswater and Bassendean 'bicycle boulevards' will help provide more opportunities for short to medium length trips on bikes to schools, train stations or shops in the region.

As result of the EMRC's *Regional Cycle Network Master Plan*, many of EMRC's member councils have developed local bicycle plans to guide their commitment to cycling infrastructure. Future advocacy priorities may focus on the integration of these local plans and development of the state-owned network<sup>35</sup> to ensure that walking and cycling is attractive, convenient, permeable and continuous across the region.



**The Forrestfield-Airport Link will provide a net economic benefit of \$670 million and improve commuter times between the eastern suburbs and the Perth CBD**





Over 17,000 residents work in Perth City

## Public Transport

The Forrestfield-Airport Link, expected to be completed by 2020, consists of constructing a new mainly tunnelled 8.5km rail spur from Bayswater, under the Swan River and the airport, to Forrestfield. The project will include a new station at Airport Central and also bus-rail interchanges at the new Belmont and Forrestfield stations. Infrastructure Australia forecasts that this project will provide a net economic benefit of \$670 million, improving commuter times between the eastern suburbs and the Perth CBD and reducing congestion<sup>36</sup>. The Forrestfield-Airport Link is the first major extension of the rail network in Perth since the opening of the Mandurah Line in 2007. Other areas where high frequency public transport services will provide greater access and support the growth in the region's activity centres and key development opportunities need to be explored. Morley is the only Strategic Metropolitan Centre that is not serviced by heavy rail and the Swan Urban Growth Corridor and Ellenbrook are some of the fastest growth areas in Australia, with an estimated 50,000 more residents in the next 20 years<sup>37</sup>. Whilst the proposed Ellenbrook Bus Rapid Transit Way will deliver quicker, more predictable journey times between the Ellenbrook Town Centre and Marshall Road, additional high-frequency, high-capacity public transport connections and feeder services to the region's activity centres, such as Morley, Midland, Ellenbrook, and other major employment centres and industrial areas is required and will relieve the major constraint to the attraction of businesses, residents and employees<sup>38,39</sup>. These areas have a working population who are highly dependent on commuting by private vehicle, many of whom travel considerable distances, resulting in people who may be vulnerable to economic shifts such as changes in petrol price<sup>40,41</sup>.

For investment in active and public transport infrastructure to be viable, an appropriate mix and balance of land uses is required to maximise the opportunities. The location of the existing Midland Station, at the western boundary of the Activity Centre, is relatively distant from the local residential and business catchments. This reduces its effectiveness as

a transport node and tends to promote a high reliance on 'park 'n' ride' adjacent to the station, even for residents living nearby. Relocating the Midland Station approximately 1km to the east, towards the City Centre core, the new Midland Health Campus and the Midland Workshops will increase the catchment of residents and businesses and help promote alternative transport modes. Extending the Midland line to Bellevue with a large 'park 'n' ride' facility that will further reduce the adverse impacts of parking and congestion within the Midland Activity Centre.

As public transport patronage is closely linked to the quality and frequency of the service provided<sup>42</sup>, ensuring that appropriate land use mix and densities in station precincts and activities centres will provide the foundations for public transport services to operate at an acceptable service level<sup>43,44</sup>.

31 EMRC (2011). Regional Cycle Network Masterplan.

32 Victorian Department of Transport (2009). Walking and Cycling International Literature Review.

33 EMRC (2016). Travel Demand in Perth's Eastern Region - An Analysis of the 2011 Australian Census.

34 Western Australian Planning Commission (2015). Liveable Neighbourhoods (draft).

35 Department of Transport (2016). Cycling Network Plan - Transport @ 3.5 million (draft).

36 Infrastructure Australia (2016). Project Business Case Evaluation, Forrestfield-Airport Link.

37 Forecast.id (2015). City of Swan Population Forecasts.

38 EMRC (2015). Industry Cluster Analysis Research Paper.

39 RAC (2016). Transport Accessibility of Perth's Activity Centres.

40 EMRC (2016). Travel Demand in Perth's Eastern Region - An Analysis of the 2011 Australian Census.

41 Dodson, J. & Sipe, N. (2008). Unsettling Suburbia: The New Landscape of Oil and Mortgage Vulnerability in Australian Cities.

42 Western Australian Planning Commission (2006). Development Control Policy 1.6 - Planning to Support Transit Use and Transit Oriented Development.

43 Western Australian Planning Commission (2010). State Planning Policy 4.2 - Activity Centres for Perth and Peel.

44 Department of Transport (2016). Public Transport Plan - Transport at 3.5 million (draft).


### Transit-oriented Developments

Transit-oriented developments around station precincts are good examples of land use and transport planning working together to achieve efficient and effective transport, residential and commercial developments. The Forrestfield-Airport Link provides the opportunity for investment to accommodate new developments in close proximity to stations, including higher residential and commercial densities to achieve infill targets and facilitate a less car-dependent community.

Over the last decade, Perth has moved towards higher resident population growth within established areas and key transport precincts with a shift towards apartment living. This has been driven by a combination of demographics, affordability and government policy. Balancing community expectations of public transport services and surrounding residential densities required to support these services around stations should be addressed. The EMRC’s *Rapid Transport Development Study*<sup>45</sup> revealed that community awareness about the relationship between public transport and urban densities could be improved as the community demanded high levels of public transport service, large car parking facilities and were reluctant to accept increased housing densities around stations. Therefore, there is a need to consider the balance of transit-oriented developments and ‘park ‘n’ ride’ facilities to ensure that community expectations are satisfied.

### Perth Airport

Perth Airport is Australia’s fourth busiest airport and is a nationally significant asset. Forecasted growth in passenger numbers will more than double from 13.7 million in 2013 to 28.5 million in 2034. To match this growth, Perth Airport has proposed a third runway, a new terminal and improvements to its surface transport plan into the future<sup>46</sup>. With this expected growth, on top of facilitating a mix of industrial, commercial, warehouse, logistics and distribution facility developments on the Perth Airport estate, ongoing review of the access to and from Perth Airport by visitors and by the local workforce is required.



**Passenger numbers at the Perth Airport will more than double from 13.7 million in 2013 to 28.5 million in 2034.**



**Kewdale intermodal terminal** <sup>47</sup>

- Around **one third** of all containers unloaded from Fremantle Port are delivered to the Kewdale intermodal terminal for distribution between Western Australia and the eastern states.
- The Kewdale intermodal terminal is predicted to **double** operations by 3.5 million
- Freight rail volumes are expected to increase by more than **75%** by 3.5 million

### Freight

Perth’s Eastern Region is home to some of Western Australia’s key freight infrastructure and related industrial areas. The Kewdale, Forrestfield, Hazelmere, Perth Airport, and neighbouring Welshpool industrial and commercial precincts are significant freight distribution hubs and rely heavily on the surrounding network of highways to operate. Around one third of all containers unloaded from Fremantle Port are delivered to the Kewdale intermodal terminal for distribution between Western Australia and the eastern states. Combined with the expected growth of operations and freight volumes, major upgrades to the road and rail freight network will be required to support this growth.

While there has already been considerable investment in the road network surrounding these areas in recent years including the Gateway WA and Northlink WA (currently under construction) that will allow some growth in freight operations, others parts of the freight network require improvements. For example, the Perth-Adelaide National Highway, first identified by the *Eastern Corridor Major Roads Study* as a priority in 1986<sup>48</sup> and later by the Australian Government in 2007<sup>49</sup> is now earmarked for completion “by 3.5 million”<sup>50</sup>. Upgrading this connection to the existing highway network would alleviate safety concerns expressed by the community on Toodyay Road<sup>51</sup> and improve efficiency and capacity of rural and interstate freight movements, especially on the Greenmount Hill entrance to the Perth Metropolitan Area. As the Red Hill Waste Management Facility is located on Toodyay Road, the development of the Perth-Adelaide National Highway must also ensure that safe and efficient access to the facility is provided<sup>52</sup>.





To ensure that Perth's Eastern Region remains effective and productive, the following objectives have been identified:

## Objectives

- 3.1 Identify and advocate for infrastructure improvements that will make walking and cycling attractive, convenient, permeable, continuous and prioritised.
- 3.2 Identify and advocate for opportunities to improve public transport infrastructure and level of service to improve convenience and time and cost competitiveness.
- 3.3 Advocate for and support appropriately designed transit-oriented developments and 'park 'n' ride' facilities along key transport corridors and station precincts that support high-frequency public transport.
- 3.4 Advocate for appropriate transport options that provide efficient and convenient access to and from Perth Airport.
- 3.5 Advocate for and support improvements in the transport networks in and around the region's activity centres.
- 3.6 Identify and advocate for road and rail infrastructure that supports the future expansion of the freight industry.



45 EMRC (2014). Rapid Transport Development Study.

46 Perth Airport Pty Ltd. (2014). Perth Airport Master Plan.

47 Department of Transport (2016). Perth Freight Transport Network Plan (draft)

48 Travers Morgan Pty. Ltd. for State Planning Commission, Main Roads Department, Shire of Mundaring and Shire of Swan (1986). Eastern Corridor Major Roads Study : Preliminary Report.

49 Australian Government (2007). Perth - Adelaide Corridor Strategy.

50 Department of Transport (2016). Perth Transport Plan @ 3.5 million (draft).

51 EMRC (2014). Transport Community Engagement Exercise.

52 EMRC (2013). Hills Spine Road – Roland Road to Perth – Adelaide National Highway

## Priority Area 4.

# Resilient & Innovative

*Goal: That the region's transport network is flexible to address the region's changing needs and future advances in transport technology.*

There are many influencing factors to take into consideration to ensure the transport network remains effective to meet the changing needs of the region. Infrastructure Australia summarises that travel and freight are influenced by where people live and work and the convenience and user cost of transport options such as walking, car, or public transport<sup>53</sup>. With technology advances in the energy sector and vehicle automation, as well as changing social and population trends, a proactive approach is required to ensure the transport network remains efficient and effective and that emerging trends are fully investigated.

### Monitoring Travel Demand

Data monitoring is an important aspect determining the efficiency and effectiveness of transport networks as many variables affect travel behaviour such as population, destination, demographics, social trends, new technologies and other economic activities. There are many factors that can influence travel behaviour, travel demand and therefore productivity and there are also many data sources and methods used to monitor and determine the effectiveness of transport networks. Statistics from the Australian Census, patronage numbers utilising SmartRider data, traffic and bicycle counters and travel behaviour surveys such as the *Perth and Regions Travel Survey*<sup>54</sup>, are all methods that can be used measure travel demand and travel behaviour.

As technology improves, there may be new opportunities to obtain in-depth and cost-efficient data analysis on key indicators of transport effectiveness and travel behaviour, in particular using GPS-enabled data monitoring. Creating platforms for private sector solutions and by allowing more data to be open and shared, has the potential to stimulate new markets and innovations and improve decision making. In line with the federal government's *Smart Cities Plan*<sup>55</sup>, ongoing monitoring of travel behaviour, with a focus on smart data analysis and data sharing between organisations, will ensure that opportunities and issues in the region are identified and new innovative solutions are promoted.

### Changing Travel Needs

As the population grows, these increases will present new challenges to ensure that transport networks remain effective for all of the region's residents. Not only will the number of residents increase, but there will also be changes in demographics, whereby different transport solutions may be required.



The past decade has seen the fluctuation of average unleaded fuel prices rapidly increase to

**\$1.57/Lt** in 2008

the fall to

**\$1.10-\$1.20/Lt**

in 2016.

As the population ages, transport needs will change and may result in a greater reliance on public transport services during non-peak hours. Currently, the region's population is ageing on par with trends across the Greater Perth Metropolitan Area; however, there are arrays of local differences including young families that are being attracted to the growing urban areas in the City of Swan. There is also a growing trend across Australia where younger people are less likely to have a driver's licence and more likely to defer learning to drive as walking, cycling and public transport have become more socially acceptable and are driving greater demand for alternative forms of transport<sup>56</sup>.

## Resilience

The past decade has also seen the fluctuation of average unleaded fuel prices which rose to \$1.57/ltr in 2008 then fell to hover around \$1.10-\$1.20/ltr in 2016 as result of new energy technologies and discoveries causing a dramatic fall in global crude oil prices<sup>57</sup>. This fall in price may have also slowed the demand for fuel and energy efficient vehicles. However, as past oil crises have shown heavy reliance on oil can be debilitating to an economy. Providing a diverse mix of alternative transport methods and using diverse energy sources, can ensure resilience in unpredictable economic climates. This could include not only providing for energy efficient transport methods such as walking, cycling and public transport, but also electric vehicles, electric bicycles and the development of other synthetic (bio) fuels.

## New Technologies and Trends

The revolution in electric and autonomous vehicle technology will have a dramatic impact on the function of the existing network. Electric and autonomous vehicles have the potential to improve safety, decrease the environmental and health impacts of road transport and provide mobility options for those unable to drive<sup>58</sup>. However, it is unclear at this stage what the impact of such technologies will be, or how soon this change will achieve a critical mass. Solutions to changing infrastructure needs, such as battery charging locations and communication infrastructure for connected vehicles<sup>59</sup> will need to be addressed and ongoing monitoring of new technologies that can be applied in the region will need to be continued.

53 Infrastructure Australia (2013). Urban Transport Strategy.

54 Data Analysis Australia, Perth and Regions Travel Survey, <http://www.daa.com.au/case-studies/parts/> accessed 10 October 2016

55 Department of the Prime Minister and Cabinet (2016). Smart Cities Plan.

56 RACV (2015). Young Adult Licensing Trends and Travel Modes.

57 Department of Commerce, Fuel Watch WA Historical Price Search, <http://www.fuelwatch.wa.gov.au/fuelwatch/pages/public/historicalPriceSearch.jsp> accessed 11 October 2016

58 Main Roads WA (2015). Automated Vehicles: Are We Ready?

59 Main Roads WA (2015). Connected Vehicles, Are We Ready?

60 National Transport Commission (2016). Land Transport Regulation 2040 – Technology, trends and other factors of change.

61 RAC, Intellibus Trial, <http://intellibus.rac.com.au>, accessed 11 October 2016

On-demand transport, car-sharing schemes and 'mobility as a service' business models may influence travel mode choice and vehicle ownership. This also has the potential to disrupt public transport services as users are enticed to new methods of transport<sup>60</sup>. The uptake of autonomous bus transport, such as that trialled by RAC<sup>61</sup> may maximise the benefits of this technology without resulting in additional capacity impacts. Similarly, the changing nature of how we work and flexible working arrangements could see the demand for transport networks change. With advances in technology and the rollout of the National Broadband Network, working from home or from co-working spaces may become more viable and more popular, reducing the demand for long commutes during typical peak hour periods.

As more people walk, cycle, use public transport and technology in electric vehicles and battery storage improves, there is a great opportunity to minimise transport's impact on greenhouse gas emissions by supporting these methods and others. Whilst it is generally accepted that technology will play a greater role in the transport networks of the future, the introduction of these game-changing technologies need to be strategically implemented and monitored to ensure the transport network remains effective.

To ensure that Perth's Eastern Region remains resilient to major changes in transport needs, the following objectives have been identified:

### Objectives

- 4.1 Advocate for and support initiatives that allow the collection and use of open and shared transport and travel behaviour data to facilitate new innovative solutions.
- 4.2 Identify new and innovative solutions and funding sources to address the region's changing transport needs.
- 4.3 Advocate for the provision of a diverse network of transport options to ensure resilience to unexpected changes in fuel and energy prices.
- 4.4 Support the adoption of new transport energy sources as opportunities arise.
- 4.5 Support the adoption of on-demand transport initiatives as opportunities arise.
- 4.6 Advocate for and support initiatives that encourage flexible working arrangements and working from co-working spaces.

## Priority Area 5.

# Socially Responsible

*Goal: That the region's transport network is equitable, accessible and affordable to all populations and protects heritage and culturally significant sites.*

Transport networks and services have the ability, to improve social amenity and provide vital connections to services for the community and support local business. However, poorly planned transport networks can negatively affect the community creating social isolation, transport disadvantage and impact safety. Congestion relief is often a key driver to improve efficiency and effectiveness of the transport network and improve cost efficiencies. However, a holistic approach is required to ensure social disparities are not created and take into account the needs of all users such as the elderly, youth and those with disabilities and mobility impairments.

### Vulnerable Populations

In 2011, there were 20,354 households in the region that earned less than \$600/week<sup>62</sup> and were considered low income households. Transportation costs represent a large proportion of household expenditure, especially in low income households. Those who may benefit the most from low-cost transportation, are the young, the elderly and the economically disadvantaged, and those who are less likely to own or afford a car. Transport disadvantage, particularly in outer-urban areas is the result of a range of intersecting factors including poor public transport infrastructure, a higher proportion of low-income households and the need to travel further distances in order to get to places of employment, education, services and social and recreational activities<sup>63</sup>.

Young people are also regular public transport users, with many young people relying on public transport to access education, training, employment, entertainment and services. The EMRC's *Regional Youth Futures Report*<sup>64</sup> identified particular public transport issues that young people face in the region, including the frequency, proximity, connectivity and security on services particularly in the Shire of Mundaring, Shire of Kalamunda and outlying areas of the City of Swan.

To prevent social exclusion and financial stress, efforts are required that to ensure that those with the greatest need have access to affordable and reliable forms of transport. This may be through monitoring public transport fares, ensuring that active forms of transport are readily available or ensuring that affordable housing is located near activity centres, employment centres and transport hubs.



There are over  
**20,000**  
low income households  
in the region.



One in four West Australians are likely to  
have a disability by 2028.





**In 2013, physical inactivity cost the nation nearly \$1 billion in hospital and healthcare costs and lost productivity.**

## Mobility and Disability

Transport, including public transport, can also be difficult for people with a disability. Factors such as accessibility, communication about changes or cancelled services and malfunctioning equipment can all contribute to disadvantage for people with a disability. The Disability Services Commission estimated that one in four West Australians are likely to have a disability by 2028, many of whom will live in or near the poverty line<sup>65</sup>. Therefore, it is vital that public transport services are affordable, accessible and reliable and that train stations and bus stops continue to receive accessibility upgrades<sup>66</sup>.

## Protecting Heritage Sites

Perth's Eastern Region has a rich and culturally diverse history encompassing both Aboriginal and European settlement. The abundant evidence of history in the built environment and the landscape of the region demonstrates the strong commitment by the community of saving places of heritage value for future generations. In particular, the Swan and Helena Rivers are not only a spiritual place for Aboriginal people, but also played an important role during European settlement<sup>67</sup>. As transport infrastructure can require large amounts of land, disruption of heritage sites in the region should be avoided or minimised and liaison with the appropriate consultation group<sup>68</sup> must be sought.

62 Australian Bureau of Statistics, 2011 Census - Household Income and Expenditure, TableBuilder viewed 10 October 2016

63 Communities and Families Clearinghouse Australia (2011). The Relationship Between Transport and Disadvantage in Australia.

64 EMRC (2012). Regional Youth Futures Report.

65 Disability Services Commission (2013). Count Me In.

66 Public Transport Authority, <http://www.pta.wa.gov.au/projects/current-projects/bus-stop-accessibility-works-program> accessed 10 October 2016

67 EMRC (2009). Swan and Helena Rivers Management Framework - Heritage Audit and Statement of Significance.

68 EMRC (2013). Regional Aboriginal Consultation Guidelines.

69 Australian Bureau of Statistics (2015), National Health Survey: First Results, 2014-15

70 Department of the Environment and Heritage (2006). The Impact of Urban Form on Public Health.

71 Ding, D., Lawson, K.D., Kolbe-Alexander, T.L., Finkelstein, E.A., Katzmarzyk, P.T., van Mechelen, W., & Pratt, M. (2016). The Economic Burden of Physical Inactivity: A Global Analysis of Major non-Communicable Diseases.

## Health

In Australia, only 55.5% of 18-64 year olds participate in sufficient levels of physical activity<sup>69</sup> and there is strong evidence that the built environment affects the transport-mode choices of both adults and children. Neighbourhoods characterised by low-density, poorly connected street networks and poor access to shops and services are associated with low levels of active transport rates and higher rates of obesity<sup>70</sup>. In 2013, physical inactivity cost the nation nearly \$1 billion in hospital and healthcare costs and lost productivity<sup>71</sup>. Improving our neighbourhoods to ensure sufficient and suitable access to active forms of transport such as walking, cycling and to a lesser extent, public transport, have the potential to reduce the impacts of physical inactivity and sedentary behaviours.

To ensure that Perth's Eastern Region has an equitable and accessible transport network, the following objectives have been identified:

### Objectives

- 5.1 Advocate for appropriate public transport service provision that caters for the needs of those who are dependent on public transport.
- 5.2 Advocate for transport pricing to remain fair and equitable for all populations.
- 5.3 Identify and advocate for infrastructure that require improvements to ensure accessibility by those with limited mobility and those with mobility aides.
- 5.4 Advocate for a greater number of public transport services that operate at high 'turn-up-and-go' frequencies throughout the day.
- 5.5 Advocate for the protection of sites of cultural or heritage significance and avoid or minimise negative impacts.
- 5.6 Support initiatives that promote the positive impacts of active forms of transport on human health.

## Priority Area 6.

# Environmentally Responsible

*Goal: That the region's transport network minimises the environmental impact on the region's natural assets.*

Perth's Eastern Region is home to the Swan and Helena Rivers, threatened ecological communities and large areas of state forest. As the population grows, the region's natural assets face increasing pressure from competing uses; from the development of areas for economic benefit to environmental protection for habitat and clean water, to health and social welfare through public access. A focus on protecting natural resources, reducing waste generation and resource consumption and addressing climate change, pollution and planning issues is fundamental to the environmental, social and economic wellbeing of the region. In conjunction with an increasing recognition of the effects of transport use and transport-related development on the environment, there is growing concern about the effects of environmental change on natural assets and the urban landscape.

### Waste Generation and Resource Consumption

Transport infrastructure and vehicles generate problematic wastes such as tyres, used motor oil and their containers, batteries and inert rubble. Despite these problematic wastes being candidates for product stewardship or extended producer responsibility schemes, the Western Australian Auditor General found that formal schemes either do not exist, or where they do exist, such as Tyre Stewardship Australia, they have had limited success<sup>72</sup>. As a result of the costs and limited local options of disposal of these waste products, illegal dumping has been raised as a concern for many local governments<sup>73</sup>.

Whilst the emergence of electric vehicles will be welcomed from many aspects, the large storage batteries required for these vehicles will enter the waste stream and pose waste management challenges in the future. Lead acid batteries are already subject to an effective recycling process, however the growth of lithium-ion batteries will become a management issue in the next 10 years as Australia currently has no specific lithium-ion battery collection or transfer infrastructure and only one facility providing partial processing and recycling (in Melbourne)<sup>74</sup>. Development of processing and recycling infrastructure for current and future problematic waste is required.

Opportunities to use recycled and recovered products in transport infrastructure to reduce consumption of new resources should also be explored. The EMRC has been successful in achieving Main Roads WA Specification 501 for its ferricrete gravel that is excavated during landfill construction<sup>75</sup>. However, the Western Australian Auditor General found that these specifications do not encourage the use of recycled products in the construction of roads and pavements<sup>76</sup>. With the low rates of recycling in Western Australia, especially for construction and demolition materials, changes to these specifications could help divert a variety of waste sources.



**17%** of total  
**greenhouse  
emissions** in  
Australia is attributed to  
the transport sector

## Urban Expansion

A considerable amount of land is required to deliver transport infrastructure and therefore its provision must take into consideration the impacts on the surrounding environment. To address some of these impacts, the draft Perth and Peel Green Growth Plan for 3.5 million<sup>77</sup> identifies several policy measures to limit urban expansion, prioritise expansion on mostly cleared land, to consider co-location of infrastructure and corridors and to implement infrastructure design that avoids environmental degradation. Ensuring that local biodiversity strategies, such as the City of Swan's<sup>78</sup>, are supported and integrated into land use planning is essential in order to ensure that environmental impacts are minimised, particularly in river foreshore precincts, critical vegetation complexes and other environmentally and culturally sensitive areas.

## Climate Change

Transport contributes to climate change, with 17% of total greenhouse gas emissions in Australia being attributed to the transport sector<sup>79</sup>. Between 1989/1990 and 2013/2014, emissions grew in the transport sector by around two percent annually, mainly due to increased transport activity from both private passenger vehicles and freight vehicles. As technology in electric vehicles and battery storage improves, there is a great opportunity to minimise transport impact on greenhouse gas emissions through these methods and others.

The effect of climate change on the region presents a challenge for local government with possible impacts including infrastructure failure, damage and loss of ecosystems and watercourses, loss or migration of biodiversity, reduction in environmental health and increased intensity and frequency of fire, emergency and natural disaster events<sup>80</sup>. With higher temperatures and increased intensity and frequency of storm and fire events leading to higher maintenance requirements and more frequent transport network stoppages, future transport infrastructure design will need to take climate change into consideration.

72 Office of the Auditor General Western Australia (2016). Western Australian Auditor General's Report - Western Australian Waste Strategy: Rethinking Waste.

73 WALGA (2016). Problematic Materials for Local Government – Background Paper.

74 Department of Environment (2016). Waste Lithium-ion Battery Projections.

75 EMRC, Ferricrete Gravel - <http://www.emrc.org.au/emrc-ferricrete.html> accessed 2 November 2016

76 Office of the Auditor General Western Australia (2016). Western Australian Auditor General's Report - Western Australian Waste Strategy: Rethinking Waste.

77 Department of Premier and Cabinet (2015). Perth and Peel Green Growth Plan for 3.5million (draft).

78 City of Swan (2016). Local Biodiversity Strategy.

79 Department of Environment (2015). Australia's Emissions Projections 2014-15.

80 EMRC (2013). Regional Climate Change Adaptation Action Plan, 2013-2016.





### Roadside Litter

Litter along roadsides and car parks contributes to Western Australia’s estimated yearly litter clean-up bill of between \$20-30 million<sup>81</sup> and continues to be an issue in Perth’s Eastern Region. This litter not only results in the loss of visual amenity but also impacts the environment when this litter enters waterways, stormwater drains and natural areas. Ongoing initiatives and awareness campaigns to prevent littering behaviours along roadsides are required to ensure the protection of the region’s natural assets. In addition, stormwater infrastructure measures can be implemented to prevent litter from entering waterways.

### Stormwater Management

Roads, roofs, pathways, parking areas and other hard surfaces reduce the ability for stormwater to infiltrate into the ground naturally. As a result, in most established urban areas, stormwater runoff enters waterways or groundwater without treatment. Contaminants in stormwater runoff can have a lasting effect on water quality values held within creek lines, rivers, wetlands, shallow aquifers and other sections of the environment.

Hydrocarbons are one kind of contaminant that has been detected in sediment within pools at drainage outfalls of the Bellevue industrial area, impacting the Helena River<sup>82</sup>. Hydrocarbon can come from fuel, oil and greases, vehicle exhaust pollution and asphalt road surfaces that after a rainfall event are mobilised into the drainage network and into waterways. Applying stormwater management and water sensitive urban design principles to transport-related infrastructure, such as the retrofitting of the roads and carparks identified in the City of Swan’s *Water Efficiency Action Plan 2016-2021*, will help to address these negative effects and in some cases, it may be appropriate that polluted stormwater be treated through structural measures such as oil-water separators, swales, traps and basins to collect contaminants and litter before it enters the waterways<sup>83</sup>.



Roadside litter campaign on Toodyay Road



**Litter along roadsides and car parks contributes to Western Australia’s estimated yearly litter clean-up bill of between \$20-30 million.**





## Wildlife

Interactions between transport users and wildlife not only have the potential to be a road safety risk to the community, with collisions between large animals presenting a risk of disastrous outcomes, but also have a negative impact on native wildlife. These risks are particularly evident in the parts of the region that are surrounded by state forest. As part of its fauna awareness strategy, the Shire of Mundaring's Green Spot Program<sup>84</sup> implemented a signage education program for motorists to slow down in areas where wildlife cross roads in the Shire. For high-risk areas, infrastructure-based mitigation measures may be appropriate to deal with the issues of habitat fragmentation and wildlife collisions<sup>85</sup>.

To ensure that the transport network does not negatively impact Perth's Eastern Region's natural assets, the following objectives have been identified:

### Objectives

- 6.1 Advocate for and support initiatives that avoid or minimise the negative impacts on the region's natural assets as a result of expanding transport networks.
- 6.2 Advocate for and support initiatives that reduce waste generated by transport-related activities.
- 6.3 Advocate for and support initiatives that increase the use of recycled and recovered resources in transport infrastructure.
- 6.4 Advocate for and support initiatives that reduce transport's contribution to climate change.
- 6.5 Advocate for and support initiatives and awareness campaigns that reduce littering behaviour.
- 6.6 Identify opportunities for transport infrastructure improvements that are designed to minimise stormwater contaminants and wildlife conflicts.

81 Keep Australia Beautiful Council WA (2015). A Litter Prevention Strategy for Western Australia, 2015-2020

82 EMRC (2015). Helping the Helena - Establishing a Baseline of Water Quality Pollutants for Linkages in Fish and Mussel Decline.

83 Department of Environment (2004). Stormwater Management Manual for Western Australia, 2004

84 Shire of Mundaring, Green Spot Program. [http://www.mundaring.wa.gov.au/ResidentServices/Environment/Pages/Programs\\_GreenSpotProgram.aspx](http://www.mundaring.wa.gov.au/ResidentServices/Environment/Pages/Programs_GreenSpotProgram.aspx) accessed 1 October 2016

85 Department of the Environment and Heritage (2008). Review of the Mitigation Measures to Deal with the Issues of Habitat Fragmentation.

# Implementation

*The EMRC will implement this strategy in accordance with the principles set out below. Projects, programs and initiatives will be required to be consistent with the vision of this strategy, the role of the EMRC and be best suited to advocate for a safe, efficient and effective transport system in the region.*

## 4.1 EMRC's 10 Year Strategic Plan 2017 to 2027

All projects and activities undertaken by the EMRC must reflect the objectives within the EMRC's 10 Year Strategic Plan 2017 to 2027.

### Key Result Area 1 - Environmental Sustainability

Our aim is to deliver a range of environmental services that enable the region and member councils to meet their responsibilities and community expectations for sustainable and adaptive environmental initiatives, and to maintain and enhance the natural assets of the region.

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

### Key Result Area 2 - Economic Development

Our aim is to facilitate and advocate for the sustainable economic and social development of the region.

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

### Key Result Area 3 - Good Governance

Our aim is ensure that EMRC is a responsive, progressive and responsible organisation.

- 3.1 To provide advice and advocacy on issues affecting Perth's Eastern Region
- 3.2 To manage partnerships and relationships with stakeholders
- 3.3 To provide responsible and accountable governance and management of the EMRC.

## 4.2 EMRC's Service Delivery Model

The EMRC's Establishment Agreement enables the EMRC to undertake a range of projects and services and provides a means for member councils to share resources and facilities. The cooperative, political and executive framework of the EMRC enables the member councils individually and collectively to promote and advocate on issues for the benefit of local government and to better serve the community.

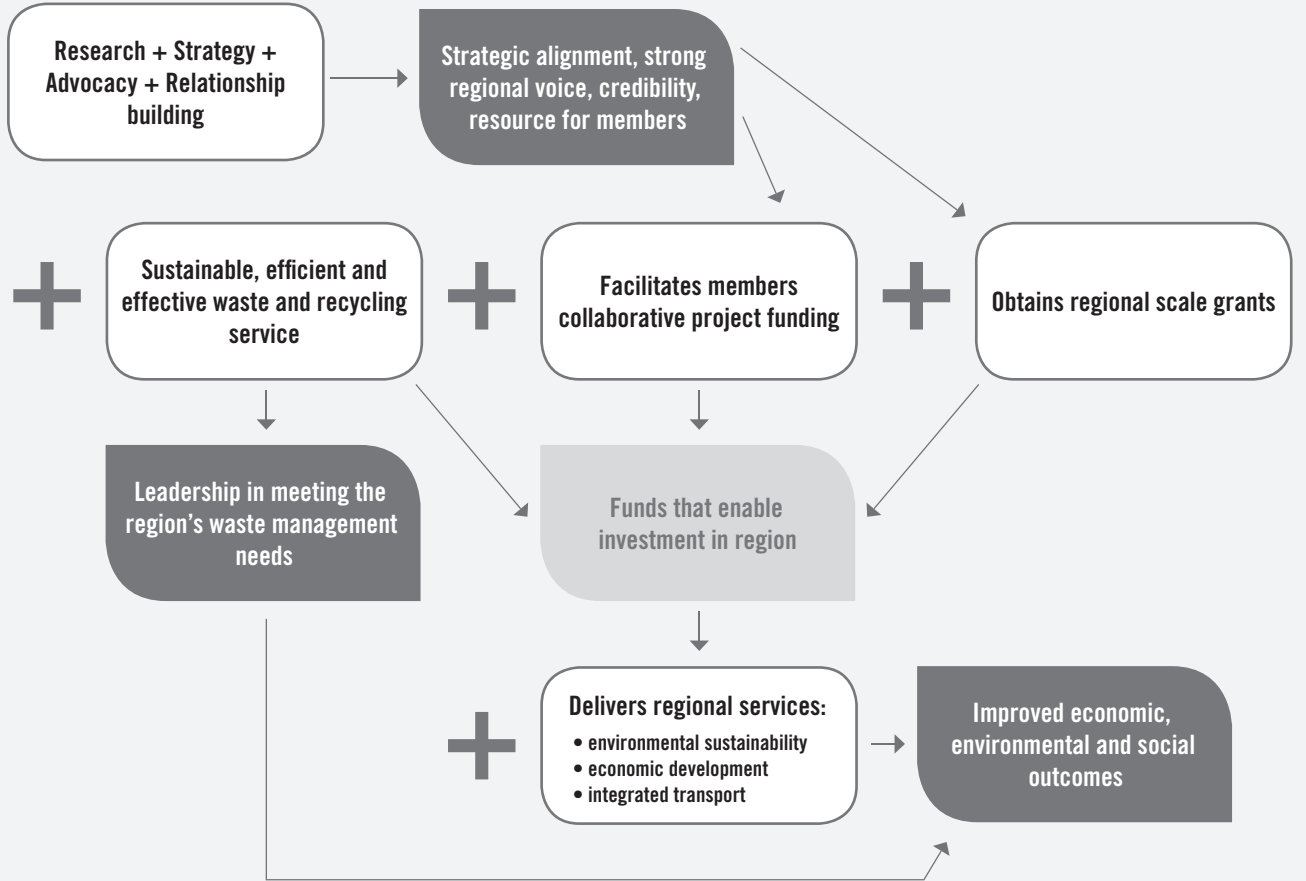
The EMRC represents a model of successful collaboration, and for 30 plus years, has initiated and led projects for its member councils that deliver real benefits to the region in the areas of waste management and resource recovery, environmental sustainability and regional economic development. These services enable member councils to enhance outcomes for their communities and for Perth's Eastern Region as a whole.



**The EMRC represents a model of successful collaboration and, for 30 plus years, has initiated and led projects for its member councils that deliver real benefits to the region in the areas of waste management and resource recovery, environmental, sustainability and regional economic development.**



**EMRC SERVICE DELIVERY MODEL**



### 4.3 Priority Determinants

The EMRC will undertake a central role for the delivery of this strategy and will coordinate collaboration amongst member councils and key stakeholders to achieve the objectives outlined in this *Regional Integrated Transport Strategy 2017-2021*.

For an initiative to be progressed it is recommended that it should strongly display at least three of the following seven categories and not negatively affect any category.

- 4.3.1 Regional Significance:** Relevance across local government boundaries, or to unique cross boundary assets, projects with significant regional influence, or addressing regional, state or federal priorities.
- 4.3.2 Identified Priorities:** Contributes towards an identified priority.
- 4.3.3 Economies of Scale:** Likely to be significantly cheaper or more efficient on a regional scale. Likely to have enhanced collective benefits on a regional scale.
- 4.3.3 Emerging Issue / Opportunity:** New, innovative or pilot activity that could be expanded to other member councils or take advantage of newly emerged opportunities, such as funding, or address newly emerged threats to mitigate further issues.
- 4.3.4 Investment Ready:** Seed projects or those likely to attract significant income or investment through grants or sponsorship.
- 4.3.5 Profile:** Raising awareness of the region, the EMRC and / or member councils as leaders and innovators.
- 4.3.6 Collaboration:** Requires collaboration or partnership between member councils and / or other key stakeholders, such as researchers or industry.

### 4.4 Monitoring and Review

Effective implementation also requires regular reporting. All member councils and the EMRC Council will be kept up to date with progress towards the *Regional Integrated Transport Strategy 2017-2021*. This will occur regularly through the Regional Integrated Transport Strategy Implementation Advisory Group and an annual review by the EMRC. It is important to note that the actions under each objective are not exhaustive and, given the rapid pace of change in the sector, these need to be reviewed annually and updated to reflect new advances or threats and emerging opportunities and trends. Where appropriate, the community will be informed of significant progress developments through the EMRC website, media releases and newsletter. An annual review of progress will allow the *Regional Integrated Transport Strategy 2017-2021* to act as a living document, evolving over time as issues confronting the region change and actions are completed.

As per the EMRC's *10 Year Strategic Plan 2017 to 2027*, the Strategic Key Performance Indicators are:

- Overall stakeholder satisfaction with the EMRC.
- Percentage of waste diverted from landfill.
- Level of satisfaction with waste management services.
- Level of satisfaction with waste education activities.
- Level of satisfaction with environmental initiatives and projects.
- Level of satisfaction with regional development initiatives and projects.
- Level of satisfaction with advocacy activities.
- Financial sustainability of the organisation.









# Appendix 1: Regional Integrated Transport Strategy Framework

Priority Areas	Goal	Objectives
1. Safety	That the region's transport network is safe and transport users are not exposed to harm or perceived safety risks when utilising or interacting with the network.	1.1 Identify and advocate for the removal or treatment of road safety black spots including the removal or grade separation of high-risk level crossings and intersections.
		1.2 Identify and support information, communication and education initiatives that encourage safe transport behaviours and inform of potential risk factors.
		1.3 Advocate for roads and roadsides to be well maintained and continuously improved to reduce crash risk.
		1.4 Identify areas of the transport network where enforcement and surveillance activities will improve the safe use of the transport network and advocate for their implementation.
		1.5 Advocate for transport infrastructure that uses 'designing out crime' principles to improve safety and amenity of transport-related public spaces.
		1.6 Advocate for transport infrastructure that limits the harmful impact of air pollution, noise pollution, the urban heat island effect and sun exposure on human health.
2. Efficiency	That the capacity of the region's transport network is maximised and used optimally.	2.1 Identify and advocate for the removal or control of congestion hotspots.
		2.2 Identify and advocate for the removal or grade separation of key level rail crossings and road intersections on the freight network.
		2.3 Identify and advocate for opportunities in the freight and public transport network where infrastructure improvements will accommodate higher capacity vehicles.
		2.4 Identify and advocate for opportunities where intelligent transport systems and traditional infrastructure enhancements could be used to maximise road and rail network efficiency.
		2.5 Advocate for and support information, communication, education and behaviour change initiatives that encourage greater use of walking, cycling and public transport.
		2.6 Advocate for and support initiatives that improve employment self-sufficiency to reduce commuter travel demand.
3. Effective and Productive	That the region's transport network provides effective access and movement for employment, health, education, commercial, social, leisure and freight purposes.	3.1 Identify and advocate for infrastructure improvements that will make walking and cycling attractive, convenient, permeable, continuous and prioritised.
		3.2 Identify and advocate for opportunities to improve public transport infrastructure and level of service to improve convenience and time and cost competitiveness.
		3.3 Advocate and support appropriately designed transit-oriented developments and 'park 'n' ride' facilities along key transport corridors and station precincts that support high-frequency public transport.
		3.4 Advocate for appropriate transport options that provide efficient and convenient access to and from Perth Airport.
		3.5 Advocate for and support improvements in the transport networks in and around the region's activity centres.
		3.6 Identify and advocate for road and rail infrastructure that supports the future expansion of the freight industry.

Priority Areas	Goal	Objectives
4. Resilient and Innovative	That the region's transport network is flexible to address the region's changing needs and future advances in transport technology.	4.1 Advocate for and support initiatives that allow the collection and use of open and shared transport and travel behaviour data to facilitate new innovative solutions.
		4.2 Identify new and innovative solutions and funding sources to address the region's changing transport needs.
		4.3 Advocate for the provision of a diverse network of transport options to ensure resilience to unexpected changes in fuel and energy prices.
		4.4 Support the adoption of new transport energy sources as opportunities arise.
		4.5 Support the adoption of on-demand transport initiatives as opportunities arise.
		4.6 Advocate for and support initiatives that encourage flexible working arrangements and working from co-working spaces.
5. Socially Responsible	That the region's transport network is equitable, accessible and affordable to all populations and protects heritage and culturally significant sites.	5.1 Advocate for appropriate public transport service provision that caters for the needs of those who are dependent on public transport.
		5.2 Advocate for transport pricing to remain fair and equitable for all populations.
		5.3 Identify and advocate for infrastructure that require improvements to ensure accessibility by those with limited mobility and those with mobility aides.
		5.4 Advocate for a greater number of public transport services that operate at high 'turn-up-and-go' frequencies throughout the day.
		5.5 Advocate for the protection of sites of cultural or heritage significance and avoid or minimise negative impacts.
		5.6 Support initiatives that promote the positive impacts of active forms of transport on human health.
6. Environmentally Responsible	That the region's transport network minimises the environmental impact on the region's natural assets.	6.1 Advocate for and support initiatives that avoid or minimise the negative impacts on the region's natural assets as a result of expanding transport networks.
		6.2 Advocate for and support initiatives that reduce waste generated by transport-related activities.
		6.3 Advocate for and support initiatives that increase the use of recycled and recovered resources in transport infrastructure.
		6.4 Advocate for and support initiatives that reduce transport's contribution to climate change.
		6.5 Advocate for and support initiatives and awareness campaigns that reduce littering behaviour.
		6.6 Identify opportunities for transport infrastructure improvements that are designed to minimise stormwater contaminants and wildlife conflicts.

# Appendix 2: Priority Actions 2017–2021

Review and advocate for the infrastructure improvements identified in the Regional Infrastructure Priority List.

Review, implement and advocate for the priorities identified in the Regional Road Safety Action Plan 2015-2018.

Develop, advocate and implement identified priorities of a Regional Congestion Management Action Plan that include actions that encourage schools and workplaces to engage in the 'Your Move' program.

Develop and implement the identified actions of a Regional Smart Cities Action Plan to facilitate the adoption of new technologies.

Advocate for the implementation of targeted 'Your Move' campaigns in conjunction with the delivery of major infrastructure projects including the Ellenbrook Bus Rapid Transit Way and the Forrestfield-Airport Link.

Undertake Regional Public Transport Needs Assessments and advocate for public transport service improvements.

Undertake Regional Public Transport Accessibility Assessments and advocate for identified public transport accessibility improvements.

Undertake Regional Transport Community Engagement activities and incorporate identified priorities.

Support the transport related initiatives identified in the *Regional Advocacy Strategy 2016-2020*.

Support the transport related initiatives identified in the *Regional Environment Strategy 2016-2020* e.g. such as urban forest strategies.

Support the transport related initiatives identified in the *Regional Economic Development Strategy 2017-2021*.



# Appendix 3:

## Regional Infrastructure

### Priority List

Roads	
Abernethy Road railway bridge and dual carriageway.	
Daviot Road extension between Benara Road and Lord Street.	
Great Eastern Highway between Tonkin Highway and the Great Eastern Highway bypass.	
Grade separation of Roe Highway / Kalamunda Road and Roe Highway / Great Eastern Highway bypass.	
Helena River bridge to complete connection of Lloyd Street through to Abernethy Road and the Great Eastern Highway bypass.	
Lord Street between Morley Drive and Guildford Road including Lord Street Railway Bridge.	
Proposed Perth-Adelaide National Highway.	
Reid Highway between West Swan Road and Altone Road.	
Tonkin Highway "Gap Project" between Gateway WA and Northlink WA.	
Public Transport	
Bayswater train station upgrade.	
Ellenbrook rail (rapid transit connection).	
Midland train station relocation.	
Morley heavy rail.	
Cycling Network	
Great Eastern Highway and Victoria Street to Midland CBD.	
Great Northern Highway (Roe Highway to Midland CBD).	
Johnson Street, Guildford.	
Midland Principal Shared Path (Midland Station to Roe Highway Principal Shared Path).	
Midland Principal Shared Path (Morrison Road to Midland Station).	
Midland to Morley Strategic Connection.	
Reid Highway (Great Northern Highway to Tonkin Highway).	
Roe Highway (Berkshire Road to Kalamunda Road).	
Roe Highway (Kalamunda Road to Great Eastern Highway Bypass).	
Roe Highway (Great Eastern Highway Bypass to Great Northern Highway).	
Tonkin Highway (Welshpool Road East to Kelvin Road).	
Tonkin Highway Gap (Victoria Street, Redcliffe to Railway Parade, Bayswater).	
Welshpool Road East (Roe Highway to Tonkin Highway).	
Whitfield Street Bicycle Boulevard.	
Cycling Network - Intersections and Rail Crossings	Cycling Network - River Crossings
Across Alexander Drive (multiple).	Ascot to Ashfield.
Across Orrong Road (multiple).	Belmont to Maylands.
Collier Road / Grey Street & Jackson Street.	Heirisson Island Shared Path Upgrade (access to Perth CBD).
Collier Road / Midland Train Line.	Maylands to Belmont Park.
Guildford Road / Railway Parade, Ashfield Rail Crossing.	Midland Principal Shared Path (Bassendean to Guildford).
Hardey Road / Great Eastern Highway.	
Kalamunda Road / Freight Rail Crossing.	
Meltham Station Crossing.	
Railway Underpass East of Bassendean Station.	
Roe Highway / Great Eastern Highway Bypass.	
Roe Highway / Maida Vale Road.	



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## **11.5 ITEMS CONTAINED IN THE INFORMATION BULLETIN**

### **REFERENCE: D2017/00170**

The following items are included in the Information Bulletin, which accompanies the Agenda.

#### **1. REGIONAL SERVICES**

- 1.1 REGIONAL SERVICES ACTIVITY REPORT OCTOBER TO DECEMBER 2016  
(Ref: D2017/00277)
- 1.2 UNDERSTANDING AND MANAGING FLOOD RISK IN PERTH - STAGES TWO AND THREE PROJECT UPDATE (Ref: D2017/00265)

#### **RECOMMENDATION**

That the Chief Executive Officers Advisory Committee notes the items contained in the Information Bulletin accompanying the 31 January 2017 Chief Executive Officers Advisory Committee Agenda.

#### **CEOAC RESOLUTION**

MOVED MR THROSSELL                      SECONDED MS HARDY

THAT THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 31 JANUARY 2017 CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE AGENDA.

**CARRIED UNANIMOUSLY**



## 12 REPORTS OF DELEGATES

Nil

## 13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING

Nil

## 14 GENERAL BUSINESS

### 14.1 EVENTS IN THE REGION

6 May 2017	City of Swan	Mayoral Dinner
7 October 2017	City of Belmont	Mayoral Dinner

### 14.2 OTHER GENERAL BUSINESS

Nil

## 15 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

The Resource Recovery Facility Tender presentation was recommended to be confidential because it contained matters of a commercial in confidence nature.

The Director Waste Services provided a confidential presentation on the Resource Recovery Facility Tender.

Mr Foley departed the meeting at 1:07pm.

Mr Foley entered the meeting at 1:09pm.

Director Waste Services was thanked for the presentation and departed the meeting at 1:09pm.

It is proposed that a Resource Recovery Facility Tender presentation will be given by EMRC in the second half of March 2017.

## 16 FUTURE MEETINGS OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

The next meeting of the Chief Executive Officers Advisory Committee will be held on **7 March 2017 (informal)** at the Shire of Kalamunda, 2 Railway Road, Kalamunda WA 6926 commencing at 12:30pm with lunch at 12noon.

### Future Meetings 2017

Tuesday	7	March (informal)*	at	Shire of Kalamunda
Tuesday	4	April	at	EMRC Administration Office
Tuesday	2	May (informal)	at	Shire of Mundaring
Tuesday	6	June *	at	EMRC Administration Office
Tuesday	4	July (informal)	at	City of Belmont
Tuesday	8	August	at	EMRC Administration Office
Tuesday	5	September (informal)	at	Town of Bassendean
Tuesday	3	October (if required)	at	EMRC Administration Office
Tuesday	14	November	at	EMRC Administration Office

\* Please note the Monday prior to the March (informal) and June meetings is a Public Holiday.

## 17 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 1:40pm.





**15.2 TECHNICAL ADVISORY COMMITTEE MEETING HELD 2 FEBRUARY 2017  
(REFER TO MINUTES OF COMMITTEE – YELLOW PAGES)  
REFERENCE: D2017/00826 (TAC) – D2017/01732**

The minutes of the Technical Advisory Committee meeting held on **2 February 2017** accompany and form part of this agenda – (refer to yellow section of ‘Minutes of Committees’ for Council accompanying this Agenda).

**QUESTIONS**

The Chairman invited general questions from members on the minutes of the Technical Advisory Committee.

**RECOMMENDATION(S)**

That with the exception of items ....., which are to be withdrawn and dealt with separately, Council adopts the recommendations in the Technical Advisory Committee reports (Section 15.2).

**COUNCIL RESOLUTION(S)**

MOVED CR O’CONNOR                      SECONDED CR PERKS

THAT COUNCIL ADOPTS THE RECOMMENDATIONS IN THE TECHNICAL ADVISORY COMMITTEE REPORTS (SECTION 15.2).

**CARRIED UNANIMOUSLY**

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## TECHNICAL ADVISORY COMMITTEE

### MINUTES

2 February 2017

(REF: D2017/00826 (TAC) – D2017/02400)

A meeting of the Technical Advisory Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 2 February 2017**. The meeting commenced at **4:05pm**.

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<b>16</b>	<b>DECLARATION OF CLOSURE OF MEETING</b>	<b>25</b>

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 4:05pm.

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

### Committee Members

Mr Doug Pearson ( <b>Chairman</b> )	Director Technical Services	City of Bayswater
Mr Ric Lutey ( <b>Deputy Chairman</b> )	Director Technical Services	City of Belmont
Mr Simon Stewert-Dawkins	Director Operational Services	Town of Bassendean
Mr Dennis Blair	Director Asset Services	Shire of Kalamunda
Mr Shane Purdy	Director Infrastructure Services	Shire of Mundaring
Mr Jim Coten	Executive Manager Operations	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

### EMRC Officers

Mr Stephen Fitzpatrick	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Dave Beresford	Manager Resource Recovery
Ms Giulia Bono	Administration Officer (Minutes)

## 3 DISCLOSURE OF INTERESTS

Nil

## 4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

## 5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil

## 6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

### 6.1 MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 8 SEPTEMBER 2016

That the Minutes of the Technical Advisory Committee meeting held on 8 September 2016, which have been distributed, be confirmed.

### TAC RESOLUTION(S)

MOVED MR COTEN

SECONDED MR LUTEY

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 8 SEPTEMBER 2016 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**



**7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN**

Nil

**8 QUESTIONS BY MEMBERS WITHOUT NOTICE**

Nil

**9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC**

Nil

**10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING**

Nil



## 11 REPORTS OF EMPLOYEES

### 11.1 NATIONAL GREENHOUSE AND ENERGY REPORTING (SAFEGUARD MECHANISM) RULE 2015 AND IMPLICATIONS FOR THE EMRC

REFERENCE: D2017/00827 (TAC) - D2017/02402

#### PURPOSE OF REPORT

The purpose of this report is to update Council on how the EMRC is managing carbon emissions reporting in accordance with the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015.

#### KEY ISSUES AND RECOMMENDATION(S)

- The National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015 came into effect on 1 July 2016.
- In accordance with the Safeguard Mechanism, the Clean Energy Regulator made a determination that the reported-emissions baseline number for the Red Hill Waste Management Facility is 116,767 tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) per annum.
- This emission baseline number is for non-legacy waste emissions for which the Red Hill Waste Management Facility cannot exceed in order to prevent the purchase of carbon credits.
- Current and projected waste tonnages, in addition to the future development of a Resource Recovery Facility at Red Hill, are anticipated to sustain carbon emissions below the assigned baseline number for the Red Hill Facility.

#### Recommendation(s)

That Council note the report on carbon emission reporting under the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015.

#### SOURCE OF REPORT

Director Waste Services

#### BACKGROUND

The EMRC has been reporting under the *National Greenhouse and Energy Reporting Act 2007* (NGER) to the Federal regulator (Department of Climate Change and Energy Efficiency and later the Clean Energy Regulator) since 2008. The scheme provides information to the Federal Government on Australia's industrial greenhouse gas emissions and energy production/consumption figures.

Until 2012, only "constitutional corporations" were required to report under the NGER Act, and as the EMRC is a local government body rather than a constitutional corporation, it had been reporting on a voluntary basis until that time. However, with the passing of carbon price legislation (Clean Energy Act 2011), organisations that fall under the definition of a "person", which includes local government bodies, became potentially liable entities.

Data reported under NGER used to feed into the carbon price mechanism for emission liability determination, which made reporting under the NGER scheme mandatory for the EMRC beginning 2012/2013. This legislation was later repealed on 1 July 2014 after a change in government, with the EMRC reporting on a voluntary basis for the Hazelmere and Ascot Place operations. Compulsory reporting was still required for the Red Hill Waste Management Facility (Red Hill), as emissions from this facility are greater than 100,000 tCO<sub>2</sub>e per annum.



*Item 11.1 continued*

## **REPORT**

Under the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015 which came into effect on 1 July 2016, the Red Hill operation is designated a “large facility” and therefore reporting is compulsory. The Safeguard Mechanism has been put in place to prevent Australia’s total greenhouse gas emissions increasing while the government attempts to reduce overall emissions through the Emissions Reduction Fund.

In accordance with the Safeguard Mechanism, the Clean Energy Regulator made a determination in October 2016 that the reported emissions baseline number in relation to the Red Hill Waste Management Facility is 116,767 tCO<sub>2</sub>e per annum. This emission baseline number is for non-legacy waste emissions for which the Red Hill Facility cannot exceed in order to prevent the purchase of carbon credits. The Clean Energy Regulator determined the reported baseline number from the highest level of scope 1 covered emissions for Red Hill reported over a five year period (2009-10 to 2013-14) including an additional adjustment factor to reflect current global warming potential. This reported emissions baseline number has effect from the 1 July 2016 financial period and will continue to have effect unless it is replaced with a new baseline determination.

A new baseline determination would be required if for example there was a change in the global warming potential of the greenhouse gas components of landfill gas, or if the EMRC requested a change or if there was a new method of calculating the emissions from landfills which has been foreshadowed from 2020.

To draw an example for the 2015/2016 period, the Red Hill Facility would have reported 30,452 tCO<sub>2</sub>e which is considerably under the assigned baseline number of 116,767 tCO<sub>2</sub>e per annum. Waste tonnages received at Red Hill, especially from the commercial sector, have shown a decreasing trend of approximately 26% over the past two years. Given this, and in addition to the development of a future Resource Recovery Facility and ongoing resource recovery initiatives which will divert waste from landfill, it is anticipated that future reported emissions from the Red Hill Facility will be sustained under the assigned baseline number.

The EMRC will continue to manage carbon emission reporting obligations, through annual NGER reporting, in accordance with the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To investigate leading edge waste management practices

## **FINANCIAL IMPLICATIONS**

Nil

## **SUSTAINABILITY IMPLICATIONS**

The EMRC monitors greenhouse gas emissions under its reporting obligations for NGER and through landfill gas recovery for energy generation and ongoing resource recovery initiatives will continue to manage and reduce its environmental impact.



*Item 11.1 continued*

### **MEMBER COUNCIL IMPLICATIONS**

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

### ATTACHMENT(S)

Nil

### VOTING REQUIREMENT

Simple Majority

### **RECOMMENDATION(S)**

That Council note the report on carbon emission reporting under the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015.

### **TAC RECOMMENDATION(S)**

MOVED MR BLAIR

SECONDED MR LUTEY

That Council note report on carbon emission reporting under the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015.

**CARRIED UNANIMOUSLY**

### **COUNCIL RESOLUTION(S)**

MOVED CR O'CONNOR

SECONDED CR PERKS

THAT COUNCIL NOTE THE REPORT ON CARBON EMISSION REPORTING UNDER THE NATIONAL GREENHOUSE AND ENERGY REPORTING (SAFEGUARD MECHANISM) RULE 2015.

**CARRIED UNANIMOUSLY**





## 11.2 LAND ALLOCATION FOR WEST GIDGEGANNUP VOLUNTEER BUSH FIRE BRIGADE FIRE STATION

**REFERENCE: D2017/00837 (TAC) - D2017/02403**

### PURPOSE OF REPORT

The purpose of this report is to seek in principle Council approval for the allocation of land on Lot 12 or some other suitable location at Red Hill Waste Management Facility for the establishment of a fire station for the West Gidgegannup Volunteer Bush Fire Brigade.

### KEY ISSUES AND RECOMMENDATION(S)

- The EMRC has received a request from the City of Swan to allocate approximately 1 hectare of land to locate a fire station for the West Gidgegannup Volunteer Bush Fire Brigade (VBFB) at the Red Hill Waste Management Facility.
- Currently the West Gidgegannup VBFB does not have a fire station and its appliances are stored on a number of private properties.
- The City of Swan is wanting to prepare an application for submission to the Department of Fire and Emergency Services (DFES) in March 2017 for funding support for a fire station located in the north-east corner of Lot 12, Red Hill Waste Management Facility.
- This application would require in principle support from the EMRC to be considered by DFES.
- The City of Swan propose to fund the siteworks, fencing and parking, whereas DFES would fund the facility itself (buildings, meeting rooms, control room, change rooms/toilets, office and incident room).
- The proposed location is in the landfill buffer zone between Barbarich Estate to the east and landfilling operations on Lot 12 and would have direct access onto Toodyay Road.
- The one hectare area of land required is currently valued at approximately \$27,000 and would be the subject of a long term peppercorn lease agreement with the City of Swan.
- There may be potential benefits to the EMRC in having a fire station located on site including the response time to on-site incidents, goodwill within the local community and reduced likelihood of a closure of Toodyay Road in a fire emergency.

#### **Recommendation(s)**

That Council approves in principle support for a peppercorn lease of approximately 1 hectare of land within Lot 12 Toodyay Road for the establishment of a fire station for the West Gidgegannup Volunteer Bush Fire Brigade.

### SOURCE OF REPORT

Director Waste Services



*Item 11.2 continued*

## **BACKGROUND**

The EMRC met with officers from the City of Swan and the West Gidgegannup VBFB in 2016 to discuss possible location of a fire station at Red Hill Waste Management Facility. Following that meeting, the City of Swan investigated other possible locations within the West Gidgegannup VBFB district but has not found a suitable location and the City has advised that it does not own land assets in this district.

## **REPORT**

The EMRC has received a request from the City of Swan, on behalf of the West Gidgegannup VBFB for in principle support to allocate approximately 10,000 square metres (m<sup>2</sup>) or 1 hectare of land to establish a fire station for the West Gidgegannup VBFB (Attachment). The Red Hill Waste Management Facility is located in the district of the brigade.

The West Gidgegannup VBFB does not have a fire station and its appliances are stored on a number of private properties which is not ideal from the point of view of safety, logistics and security.

The City of Swan wants to prepare an application to be submitted to the Department of Fire and Emergency Services (DFES) in mid-March 2017 for funding support for a fire station located in the north-east corner of Lot 12, Red Hill Waste Management Facility. Any such application would however be subject to in principle support of the EMRC in order to be considered by DFES.

As part of this application, the City of Swan propose to fund the siteworks, access to Toodyay Road, grid connection to Western Power, fencing and parking, whereas DFES would fund the facility itself (buildings, meeting rooms, control room, change rooms/toilets, office and incident room). The DFES funding model will only provide funding for the facility itself and not for the procurement of land or for site works. This application needs in principle support from the EMRC to be considered by DFES.

The proposed land allocation is in the landfill buffer zone between Barbarich Estate to the east and landfilling operations on Lot 12 and would have direct access onto Toodyay Road. Under the current licence from the Department of Environment and Regulation this part of the site is within the 500 metre separation distance between residential and landfill operations and is not able to be used for the landfilling of putrescible waste.

The City of Swan has discussed several possible locations with Main Roads WA and the Department of Planning and their preferred location is in the north-east corner of Lot 12, Toodyay Road, Red Hill Waste Management Facility (Attachment).

The current value of the land allocation is approximately \$27,000. The City of Swan's preference is for the EMRC to gift them the land for the fire station on the basis that this is a preference by the DFES. Other options include a long term peppercorn lease agreement for up to 25 years. The City of Swan believes this option would be acceptable by the DFES in respect of the funding application as it would match the life of the building. The EMRC believe a peppercorn lease agreement is preferable as it gives more flexibility in case the land is required for waste management purposes into the future.

There may be potential benefits to the EMRC in having a fire station located on site including:

- Improved response time to incidents at the Red Hill Waste Management facility;
- Goodwill within the local community;
- Assistance with hazard reduction burning on the Red Hill land holdings; and
- Less likelihood of site closure during total fire bans or fire emergencies along Toodyay Road.

The fire station will have its own water storage tanks fed by rainwater and supplemented by other supplies including a nearby dam on site.



*Item 11.2 continued*

The timeframe for this proposed fire station project is 18 months from the provision of DFES funding, the decision on which would be made in June 2017.

In summary, the EMRC is supportive in principle of the City of Swan's funding application to DFES for a fire station for the West Gidgegannup Volunteer Bush Fire Brigade (VBFB) at the Red Hill Waste Management Facility. However, the preferred location needs to be reviewed compared to other possible locations on site because of the implications for:

- The proposed Hills Spine Road realignment;
- The area of land required;
- Access off Toodyay Road;
- The impact on site operations and
- Future landfill cell development.

These issues and the terms of a lease agreement with the City of Swan need to be finalised before EMRC support for a fire station for the West Gidgegannup Volunteer Bush Fire Brigade (VBFB) at the Red Hill Waste Management Facility becomes unconditional. Given the DFES approval timeline, there will be adequate time to resolve the issues with the City of Swan.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management

## **FINANCIAL IMPLICATIONS**

There are no direct financial implications but under a lease arrangement, the City of Swan would be receiving a gift of the value of the lease of the land used by the fire station, which is currently valued at \$27,000.

## **SUSTAINABILITY IMPLICATIONS**

Location of the West Gidgegannup Fire Station at Red Hill Waste Management Facility will assist with sustainable management of bush fires in the west Gidgegannup location, a secure location for the fire appliances and training of volunteers and may assist in keeping the Red Hill Waste Management Facility operational during times of bush fire and fire bans.



*Item 11.2 continued*

### MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	Agreement with the City of Swan for use of approximately 1 hectare of land on Lot 12 at Red Hill Waste Management Facility

### ATTACHMENT(S)

Project Overview, West Gidgegannup Fire Station (Ref: D2017/02401)

### VOTING REQUIREMENT

Simple Majority

### **RECOMMENDATION(S)**

That Council approves in principle support for a peppercorn lease of approximately 1 hectare of land within Lot 12 Toodyay Road for the establishment of a fire station for the West Gidgegannup Volunteer Bush Fire Brigade.

### Discussion ensued

The Director Waste Services provided a brief overview and presented a detailed map of the Red Hill Waste Management Facility showing the proposed location. The CEO advised that an in principle support is sought and other parcels of land at Red Hill will be investigated.

### **TAC RECOMMENDATION(S)**

MOVED MR PURDY

SECONDED MR STEWERT-DAWKINS

That Council approves in principle support for a peppercorn lease of approximately 1 hectare of land within Lot 12 Toodyay Road for the establishment of a fire station for the West Gidgegannup Volunteer Bush Fire Brigade.

**CARRIED UNANIMOUSLY**

### **COUNCIL RESOLUTION(S)**

MOVED CR O'CONNOR

SECONDED CR PERKS

THAT COUNCIL APPROVES IN PRINCIPLE SUPPORT FOR A PEPPERCORN LEASE OF APPROXIMATELY 1 HECTARE OF LAND WITHIN LOT 12 TOODYAY ROAD FOR THE ESTABLISHMENT OF A FIRE STATION FOR THE WEST GIDGEGANNUP VOLUNTEER BUSH FIRE BRIGADE.

**CARRIED UNANIMOUSLY**

**WEST GIDGEGANNUP FIRE STATION**

**Project Overview**

**for**

**East Metropolitan Regional Council (EMRC)**

## 1. Overview

The West Gidgegannup Volunteer Bush Fire Brigade (VBFB) currently provides emergency response within its designated fire district, a significant portion of land in the brigade's district is owned by the East Metropolitan Regional Council (EMRC). Attachment one provides a map of the brigade district.

Currently all West Gidgegannup VBFB fire appliances are stored on private property within the district, this has led to a range of concerns in particular about volunteer safety when accessing unfit for purpose sheds often in the evening or late at night, the current arrangement also allows vehicles to be significantly weathered.

### 1.1 Current housing of Fire Appliances





## 1.2 Support for the project

Both the Department of Fire and Emergency Services (DFES) and the City of Swan have identified the need to establish a volunteer fire station in this district.

DFES has conducted a risk to resource analysis of this district which identifies the continued need and potential increase in demand for fire services.

City of Swan strategic planning also indicates continued development of residential and commercial businesses in the district, the risk of bushfire in the district will still exist for the foreseeable future due to large tracts of National Parks and bushland reserves.

## 1.3 EMRC Site Benefits

A range of site locations and landholdings have been investigated over the last 12 months, several locations on EMRC landholdings are currently identified as preferable locations.

The benefit to the EMRC in supporting the establishment of a volunteer bushfire brigade within its landholdings includes:

- Improved response time to fire incidents within the Red Hill Waste Management facility;
- Generating goodwill within the local community;
- Potential for a second crossover to Toodyay Rd which could also be used for other purposes;
- Passive surveillance of the EMRC site;

- Availability of a significant water supply on site in the event of a fire;
- Increased opportunity for the brigade to assist with hazard reduction burning on the EMRC site;
- Having an ongoing opportunity to support the local volunteer bushfire brigade and promote the EMRC support.

#### 1.4 Land Investigation

A range of site locations and landholdings have been investigated over the last 12 months. From a strategic point of view the EMRC landholding is ideal as it provides good access to the target population, good access to Toodyay Rd and is located at an ideal distance from existing brigades.

Main Roads have also been engaged in the investigation of land and have presented a range of options; however these are all subject to further finalisation of future traffic routes.

No parcels of City of Swan owned land have been identified within the brigade's districts. Assessment of suitable road verges on the Corner of O'Brien and Burgess Rd, Roland and Toodyay Rd and Strawberry Hills Drive have been assessed but have been deemed as unsuitable for a variety of reasons including future traffic routes, access and rare flora and fauna.

A number of private landholdings have been identified however their location and other related planning consideration has meant that they are non-preferable.

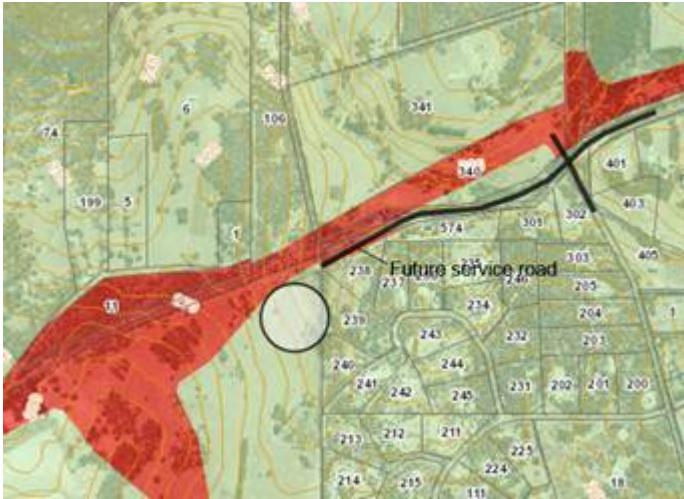
The Department of Planning has identified two parcels of land on the EMRC site which from their perspective would be suitable, however these are merely suggestions and consideration of any available EMRC land would be appreciated.

- Portion Lot 12 (C/T 1672/829). This land will be severed by the future Perth-Adelaide Hwy. Land is located with good sightlines to existing Toodyay Road. Land is cleared.



- Portion Lot 12 (C/T 1672/829). This area of the Red Hill landfill site has some slope but easily treated and could be accessed by Toodyay Road in the short term. When the Perth-Adelaide Hwy is constructed a service road will be built to service the site.





Main Roads have assessed these proposed EMRC sites in terms of safe access onto Toodyay Road and deemed it in principle to be satisfactory.

Main Roads have also advised that these sites will not be impacted in future with the Perth Adelaide highway in comparison to sites further to the West. The location of the station closer to O'Brien Road also improves access into the entire northern area of the Brigades fire district.

## 2. Project Description

A concept design (Attachment two) has been developed which is deemed to be “fit for purpose” in terms of a brigade’s current and future requirements for a facility.

The main design elements for the project include:

- 4 appliance bays designed to DFES standard
- 1 x meeting room
- 1 x incident control room (to manage Level 3 incidents)
- 2 x Change rooms/toilets including UAT
- 1 x Office
- Storage areas
- Cleaners room
- Electrical/communications cupboard
- Landscaping in line with City policy
- Parking bays and overflow parking
- Connection of required services and infrastructure
- Space for 2x 40,000 litre water tanks.

## 3. Project Funding

### 3.1 DFES Funding

DFES have indicated that they are in principle supportive of the proposed facility and have indicated that moving fire appliances from private property is a priority for funding. DFES have indicated that they will only provide funding for the facility itself and not for the procurement of land or for site works.

### **3.2 City of Swan**

The City of Swan has indicated that it is in principle supportive of the project and similarly to previous projects may consider support for planning, site works and project management. This support would be conditional on the DFES grant.

### **3.3 External Funding**

The City has identified several private benefactors who have recently contributed funding to similar projects, whilst yet to be confirmed these benefactors have also offered in principle support for this project.

### **3.4 EMRC**

The West Gidgegannup Volunteer Bushfire Brigade is seeking the support of the EMRC for the provision of approximately a 10,000sqm parcel of land; ideally this would be vested in the City of Swan, a long term peppercorn lease could also be investigated, however DFES grants have indicated their funding model doesn't currently support a lease arrangement. Currently there is no provision of funding for the purchase of land.

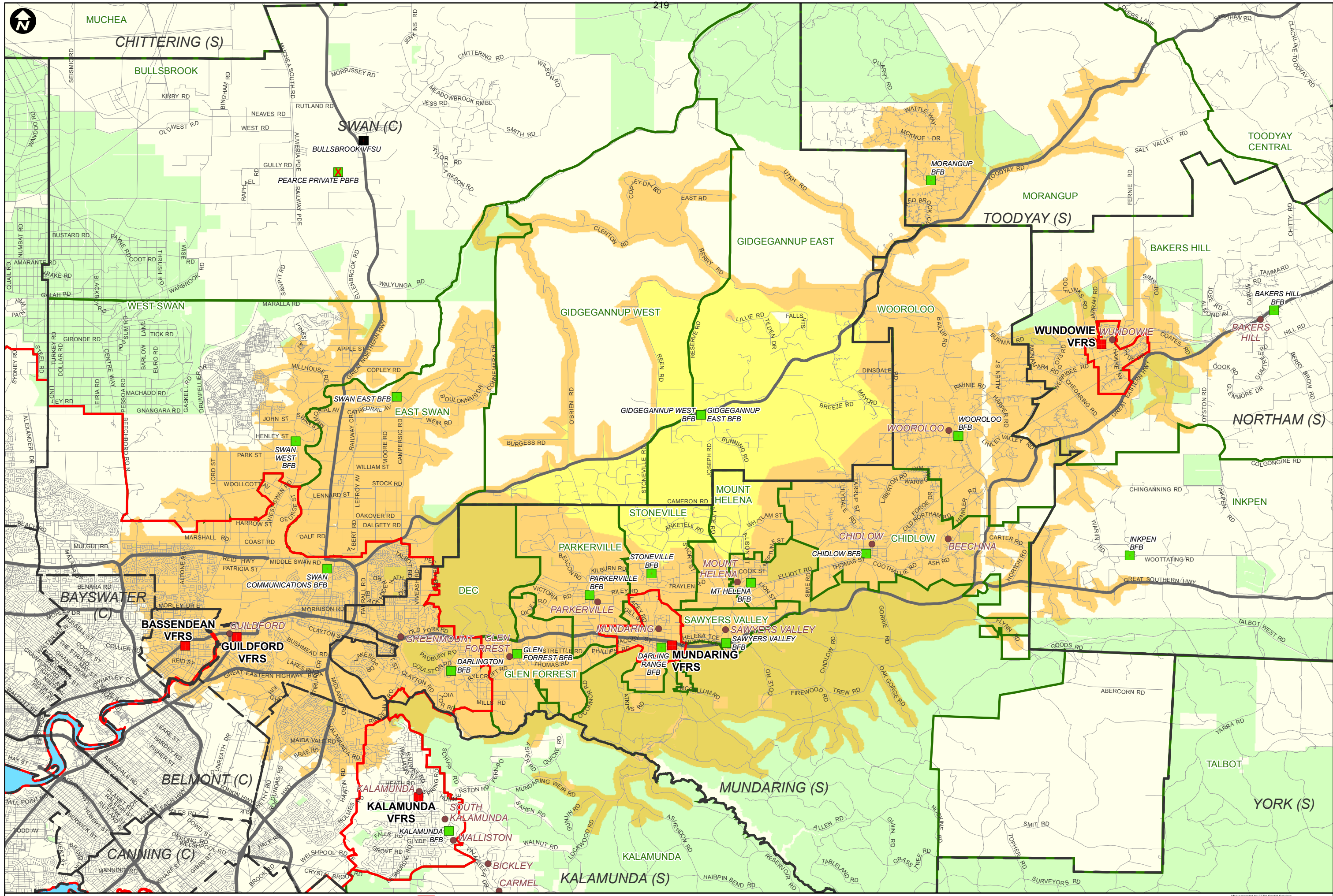
*The West Gidgegannup Volunteer Bushfire Brigade, DFES and City of Swan would be appreciative if the EMRC Council can provide in principle support for the allocation of EMRC land to this project and indicate any terms that may need to be considered for this proposal to progress.*

## **4. Attachments**

**Attachment One - Brigades district boundaries map**

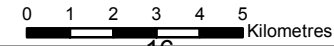
**Attachment Two - Proposed fire station design**





- |   |   |   |  |  |
|---|---|---|--|--|
| <span style="background-color: yellow; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> 10 Minutes | <b>Stations included in analysis</b>  | <span style="background-color: red; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Volunteer Fire & Rescue Service       | <span style="border-bottom: 2px solid black; width: 10px; display: inline-block;"></span> Major Roads      | <span style="border: 2px solid red; width: 10px; height: 10px; display: inline-block;"></span> Gazetted Fire Districts                     |
| <span style="background-color: orange; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> 30 Minutes | <span style="background-color: green; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Bush Fire Service               | <span style="background-color: blue; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Volunteer Fire Service               | <span style="border-bottom: 1px solid black; width: 10px; display: inline-block;"></span> Roads            | <span style="border: 2px solid green; width: 10px; height: 10px; display: inline-block;"></span> Bush Fire District boundaries             |
|   | <span style="background-color: lightblue; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Volunteer Emergency Service | <span style="background-color: lightgreen; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Bush Fire Service              | <span style="border-bottom: 1px dashed black; width: 10px; display: inline-block;"></span> LGA Boundaries  | <span style="background-color: lightyellow; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> DEC Estate |
|   | <span style="background-color: black; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Volunteer Fire Service          | <span style="background-color: lightorange; border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Private Fire & Rescue Service | <span style="border: 1px solid black; width: 10px; height: 10px; display: inline-block;"></span> Townsites |  |

**GIDGEGANNUP WEST BFB**  
**FESA PLANNING INTERNAL USE ONLY**

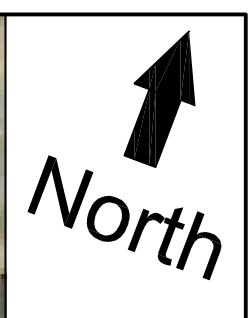


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 CITY OF SWAN

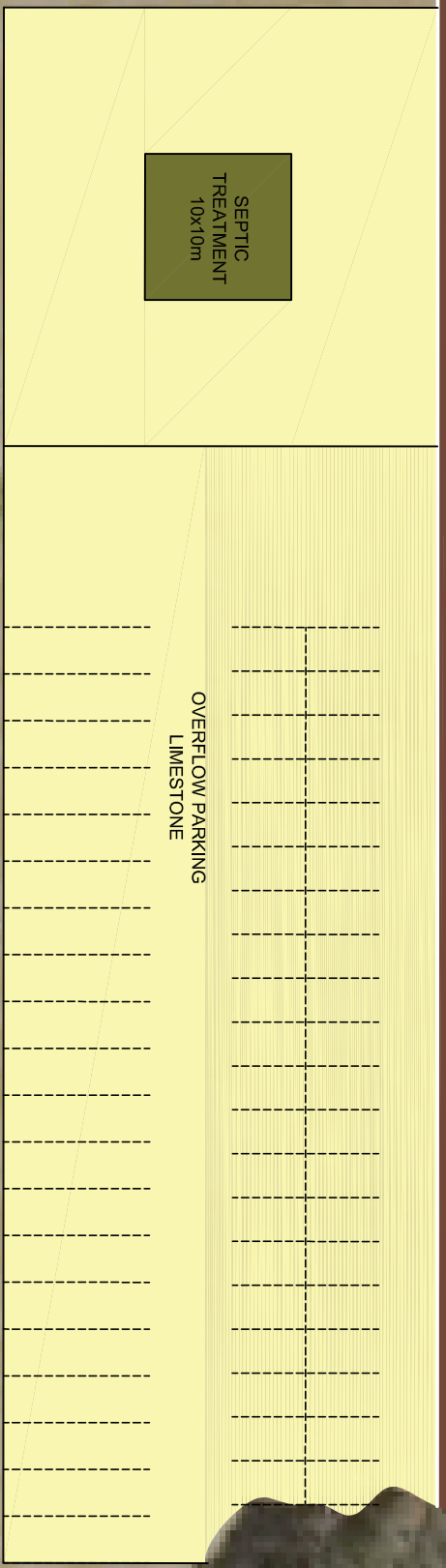
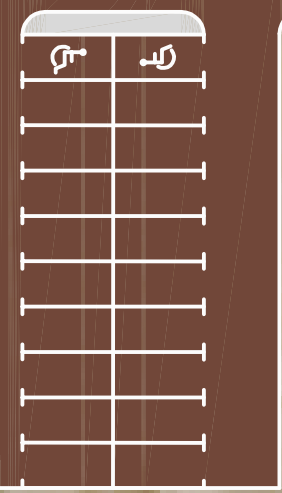
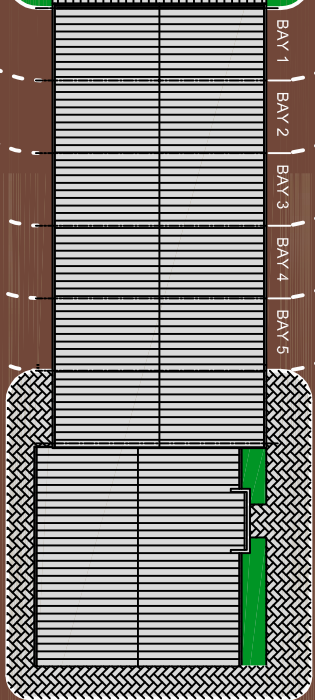
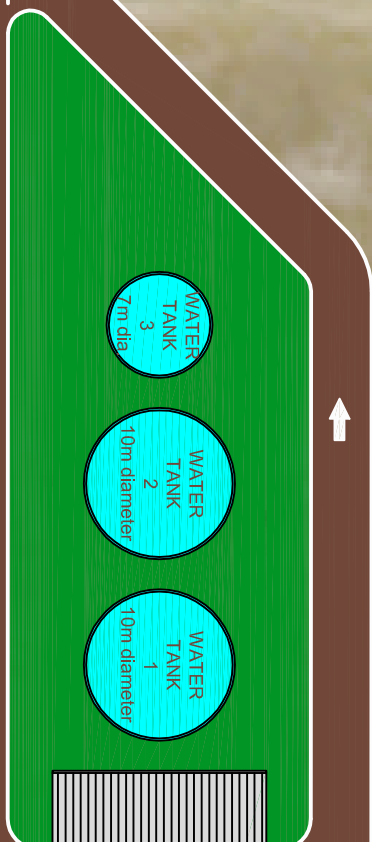


Map generated by FESA Spatial Services  
 Created by S. Maclean on 27/06/2019  
 DEC Estate from DEC 2009  
 Boundaries from Landgate 2009; LGA from Landgate 2010  
 Stations, Gazetted Fire Districts, Bush Fire Districts from FESA 2010  
 Services Area generated using Network Analyst  
 Travel times based on speeds of  
 60km/h on sealed roads  
 30km/h on unsealed roads  
 see also: D:\Projects\Community Development  
 Risk Planning & Evaluation\Service Delivery Planning  
 VFRS BFBs - 10-30min response times BFB, PFR, VFR, VFRS  
 A3 - Individual station maps, 10-30min isochrones.mxd





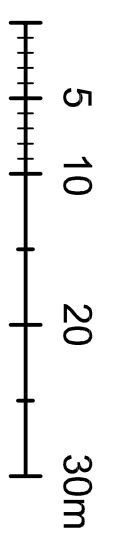
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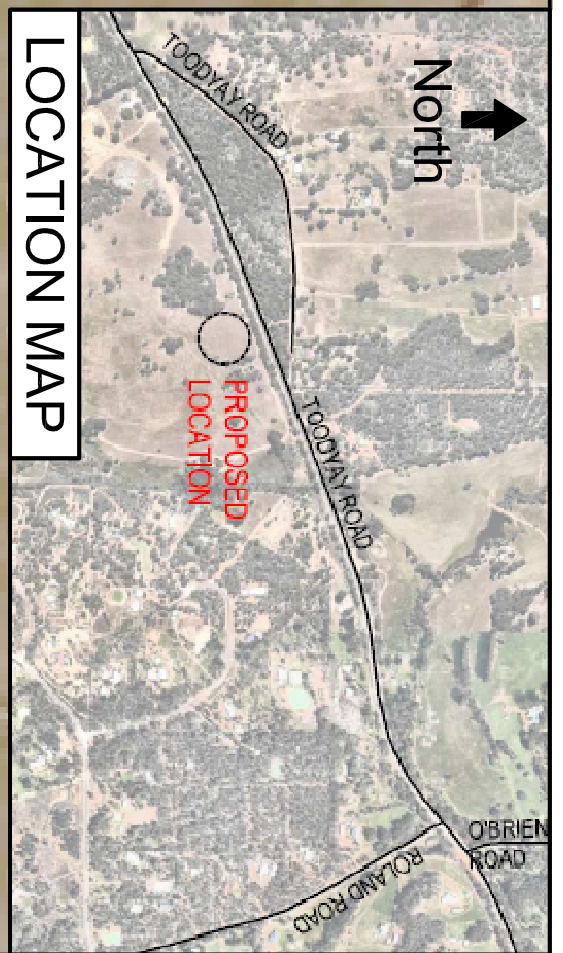
CONCEPT 11-JAN-17



SCALE 1:500 ON A3

SITE PLAN S1 OF 3

WEST GIDGEGANNUP  
VOLUNTEER BUSH FIRE BRIGADE  
FIRE AND RESCUE STATION





### 11.3 INTERCONNECT CABLE – DEED/LICENCE WITH MAIN ROADS WA AND PERTH AIRPORT PTY LTD

REFERENCE: D2017/00875 (TAC) - D2017/02404

#### PURPOSE OF REPORT

The purpose of this report is to obtain Council approval to authorise the CEO to enter into various legal agreements with entities associated with the installation route of the high voltage interconnect cable between the Hazelmere Wood Waste to Energy Plant and Perth Airport Pty Ltd.

#### KEY ISSUES AND RECOMMENDATION(S)

- In August 2016, Densford Civil Pty Ltd were awarded a contract to install a high voltage (22 kV) network interconnect cable between the Hazelmere Wood Waste to Energy Plant and Perth Airport Pty Ltd (PAPL) as a result of Tender 2016/003 High Voltage (22 kV) Network Interconnect Cable.
- Approval is sought to authorise the CEO to enter into a deed poll of indemnification with the Government of Western Australia – Department of Lands with respect to the cable installation within the Dampier to Bunbury Natural Gas Pipeline (DBNGP) corridor.
- Approval is sought to authorise the CEO to enter into a licence agreement with Perth Airport Pty Ltd with respect to the cable installation within the PAPL precinct.
- Approval is sought to authorise the CEO to enter into a deed of indemnification with Main Roads WA with respect to the cable installation under the Great Eastern Highway Bypass, if required.
- Approval is sought to authorise the CEO to enter into a deed of indemnification with Perth Transport Authority / Brookfield Rail with respect to the cable installation within Brookfield Rail corridor, if required.

#### Recommendation(s)

That Council:

1. By absolute majority in accordance with section 5.42 of the *Local Government Act 1995* authorise the CEO to enter into a deed of indemnification with Government of Western Australia – Department of Lands with respect to the cable installation within the Dampier to Bunbury Natural Gas Pipeline (DBNGP) corridor.
2. By absolute majority in accordance with section 5.42 of the *Local Government Act 1995* authorise the CEO to enter into a licence agreement with Perth Airport Pty Ltd with respect to the cable installation within the PAPL precinct.
3. By absolute majority in accordance with section 5.42 of the *Local Government Act 1995* authorise the CEO to enter into a deed of indemnification with Main Roads WA in relation to the cable route passing under the Great Eastern Highway Bypass, if required.
4. By absolute majority in accordance with section 5.42 of the *Local Government Act 1995* authorise the CEO to enter into a deed of indemnification with Perth Transport Authority / Brookfield Rail with respect to the cable installation within Brookfield Rail corridor, if required.

#### SOURCE OF REPORT

Director Waste Services



*Item 11.3 continued*

## **BACKGROUND**

The EMRC is developing a Wood Waste to Energy Plant at its Hazelmere Resource Recovery Park to utilise surplus wood chip and produce renewable electricity and biochar for sale. Ministerial environmental approval for the project to proceed was obtained in April 2016 and a Works Approval was issued in June 2016 enabling the construction to commence.

The project is being supported by the Federal Government through a \$5 million grant to the contractor Ansac Pty Ltd under the previous Clean Energy innovation Fund.

At the 19 June 2014 meeting of Council, it was resolved (D2014/06931):

*“THAT:*

1. *COUNCIL BY ABSOLUTE MAJORITY, PURSUANT TO SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995, DELEGATES AUTHORITY TO THE CEO TO FINALISE AND EXECUTE A WHOLESALE ELECTRICITY AGREEMENT.*
2. *THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO.”*

The agreement to sell power from the Hazelmere Wood Waste to Energy Plant to PAPL was signed in June 2016 and will commence in early 2017 when the plant is commissioned.

The installation of a High Voltage (22 kV) Network Interconnect Cable between Hazelmere Wood Waste to Energy Plant and PAPL was resolved by Council at the 18 August 2016 meeting (D2016/11275):

*“THAT COUNCIL:*

1. *AWARD TENDER NUMBER 2016-003 HIGH VOLTAGE (22 KV) NETWORK INTERCONNECT CABLE TO DENSFORD CIVIL PTY LTD FOR \$752,564.00 (EX. GST).*
2. *AUTHORISE THE CEO TO ENTER INTO A CONTRACT, ON BEHALF OF THE EMRC, WITH DENSFORD CIVIL PTY LTD IN ACCORDANCE WITH THEIR SUBMITTED TENDER, SUBJECT TO ANY MINOR VARIATIONS THAT MAY BE AGREED ON BETWEEN THE CEO AND DENSFORD CIVIL PTY LTD.*
3. *AUTHORISE A 15% CONTINGENCY ON THE CONTRACT SUM FOR ANY CONTINGENCIES THAT MAY ARISE DURING THE EXECUTION OF THE PROJECT.”*

At the 1 December 2016 meeting of Council, it was resolved inter alia (D2016/13342):

*“THAT COUNCIL:*

*BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995 AUTHORISE THE CEO TO ENTER INTO A DEED OF INDEMNIFICATION AND/OR CAVEAT WITH THE CITY OF SWAN WITH RESPECT TO THE INSTALLATION OF A HIGH VOLTAGE (22 KV) INTERCONNECT CABLE WITHIN THE LAKES ROAD, VALE ROAD AND KALAMUNDA ROAD RESERVES, IF REQUIRED.”*



*Item 11.3 continued*

## **REPORT**

For the installation of the high voltage interconnect cable between the Hazelmere Wood Waste to Energy Plant and PAPL, there is a requirement to seek approval from the regulatory authorities along the route. These consist of the City of Swan, Main Roads WA, the Government of Western Australia – Department of Lands, Perth Transport Authority / Brookfield Rail and Perth Airport Pty Ltd.

Part of the application approval process is the relevant authorities will / may require the applicant to enter into a deed of indemnity to protect the entities infrastructure and injury to third parties against any potential occurrences during construction and any future works that may be required to the cable. A rigorous review process by legal and insurance advisors is being undertaken as these various approval documents become available.

A previous report to Council in December 2016 identified the requirement for the EMRC to enter into a deed of indemnification with the City of Swan for injury to a third party and damage against the City's property in accordance with Councils resolution (Ref: D2016/13342). The City's solicitor has prepared a draft deed for EMRC review and subsequent agreement and execution by the CEO.

The Main Roads WA application makes no reference to a Deed of Indemnity being required, simply seeking a signature that provides the Indemnity sought by Main Roads as a condition of the application.

It should however be recognised that Main Roads may apply the need for a Deed of Indemnity as a condition of approval, irrespective of what the application indicates. However this will not be known until the application is submitted and this process must follow the successful deed of indemnity agreement with the City of Swan, the issue of a letter of authority for clearing from the City of Swan, and the subsequent lodgement of an application to the DER for clearing permit for vegetation along Lakes Road that will need clearing.

PAPL have also recently advised they require the EMRC to enter into a licence agreement for the installation of the cable within the airport precinct. This has been reviewed by the EMRC's legal representative and is being amended in accordance with their advice for finalisation with PAPL and subsequent execution by EMRC.

A Section 41 approval has been submitted to the Government of Western Australia – Department of Lands for works to be undertaken within the DBNGP corridor. They have responded that the Section 41 approval cannot be granted and works cannot commence until the deed of indemnity has been signed and sent back to their office without any changes. Councils legal representative has also reviewed this document and concluded that it is satisfactory for EMRC to execute. Insurance advice on this deed is pending.

The Brookfield Rail application makes reference to an "Indemnity Form to be signed by the Proponent before access to Brookfield Rail corridor is granted". In addition an Acknowledgement and Acceptance form (which outlines the conditions of approval) is also to be signed and submitted to Brookfield Rail and PTA.

Authority for the CEO to enter into an agreement with Main Roads WA, DBNGP, PTA/Brookfield Rail and PAPL is therefore required in order to progress the cable installation in a timely manner and avoid potential delays.



*Item 11.3 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.3 To provide resource recovery and recycling solutions in partnership with member Councils

## **FINANCIAL IMPLICATIONS**

The cost of the cable installation has been allowed for in the approved 2016/2017 budget (24399/11 Wood Waste to Energy Utilities/Infrastructure – Resource Recovery Park).

## **SUSTAINABILITY IMPLICATIONS**

The Hazelmere Wood Waste to Energy Plant will provide renewable energy (which offsets fossil fuel powered generation) for export and biochar from wood chip that would otherwise be sent to landfill.

## **MEMBER COUNCIL IMPLICATIONS**

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

## ATTACHMENT(S)

Nil

## VOTING REQUIREMENT

Absolute Majority





*Item 11.3 continued*

## **RECOMMENDATION(S)**

That Council:

1. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a deed of indemnification with Government of Western Australia – Department of Lands with respect to the cable installation within the Dampier to Bunbury Natural Gas Pipeline (DBNGP) corridor.
2. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a licence agreement with Perth Airport Pty Ltd with respect to the cable installation within the PAPL precinct.
3. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a deed of indemnification with Main Roads WA in relation to the cable route passing under the Great Eastern Highway Bypass, if required.
4. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a deed of indemnification with Perth Transport Authority / Brookfield Rail with respect to the cable installation within Brookfield Rail corridor, if required.

### Discussion ensued

The Director Waste Services provided a brief overview and the Manager Resource Recovery provided an update on the process of the applications.

Mr Blair queried whether this delay will affect the work with Densford Civil Pty Ltd. The Director Waste Services advised that the work within the Hazelmere Resource Recovery Park boundary has commenced and Densford Civil Pty Ltd have been kept well informed on the progress of the various approvals required.

## **TAC RECOMMENDATION(S)**

MOVED MR COTEN

SECONDED MR LUTEY

That Council:

1. By absolute majority in accordance with section 5.42 of the *Local Government Act 1995* authorise the CEO to enter into a deed of indemnification with Government of Western Australia – Department of Lands with respect to the cable installation within the Dampier to Bunbury Natural Gas Pipeline (DBNGP) corridor.
2. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a licence agreement with Perth Airport Pty Ltd with respect to the cable installation within the PAPL precinct.
3. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a deed of indemnification with Main Roads WA in relation to the cable route passing under the Great Eastern Highway Bypass, if required.
4. By absolute majority in accordance with section 5.42 of the Local Government Act 1995 authorise the CEO to enter into a deed of indemnification with Perth Transport Authority / Brookfield Rail with respect to the cable installation within Brookfield Rail corridor, if required.

**CARRIED UNANIMOUSLY**



*Item 11.3 continued*

**COUNCIL RESOLUTION(S)**

MOVED CR O'CONNOR

SECONDED CR PERKS

THAT COUNCIL:

1. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995 AUTHORISE THE CEO TO ENTER INTO A DEED OF INDEMNIFICATION WITH GOVERNMENT OF WESTERN AUSTRALIA – DEPARTMENT OF LANDS WITH RESPECT TO THE CABLE INSTALLATION WITHIN THE DAMPIER TO BUNBURY NATURAL GAS PIPELINE (DBNGP) CORRIDOR.
2. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995 AUTHORISE THE CEO TO ENTER INTO A LICENCE AGREEMENT WITH PERTH AIRPORT PTY LTD WITH RESPECT TO THE CABLE INSTALLATION WITHIN THE PAPL PRECINCT.
3. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995 AUTHORISE THE CEO TO ENTER INTO A DEED OF INDEMNIFICATION WITH MAIN ROADS WA IN RELATION TO THE CABLE ROUTE PASSING UNDER THE GREAT EASTERN HIGHWAY BYPASS, IF REQUIRED.
4. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995 AUTHORISE THE CEO TO ENTER INTO A DEED OF INDEMNIFICATION WITH PERTH TRANSPORT AUTHORITY / BROOKFIELD RAIL WITH RESPECT TO THE CABLE INSTALLATION WITHIN BROOKFIELD RAIL CORRIDOR, IF REQUIRED.

**CARRIED UNANIMOUSLY**



#### **11.4 ITEMS CONTAINED IN THE INFORMATION BULLETIN**

**REFERENCE: Ref: D2017/00859**

The following items are included in the Information Bulletin, which accompanies the Agenda.

##### **1. WASTE SERVICES**

1.1 COUNCIL TONNAGE COMPARISONS AS AT 31 DECEMBER 2016 (Ref: D2017/00860)

#### **RECOMMENDATION**

That the Technical Advisory Committee notes the items contained in the Information Bulletin accompanying the 2 February 2017 Technical Advisory Committee Agenda.

#### **TAC RESOLUTION(S)**

MOVED MR COTEN

SECONDED MR PURDY

THAT THE TECHNICAL ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 2 FEBRUARY 2017 TECHNICAL ADVISORY COMMITTEE AGENDA.

**CARRIED UNANIMOUSLY**

#### **12 REPORTS OF DELEGATES**

Nil

#### **13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING**

Nil

#### **14 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

Nil



## 15 FUTURE MEETINGS OF THE TECHNICAL ADVISORY COMMITTEE

The next meeting of the Technical Advisory Committee will be held on **Thursday 9 March 2017 (if required)** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4:00pm.

### Future Meetings 2017

Thursday	9	March (if required)	at	EMRC Administration Office
Thursday	6	April (if required)	at	EMRC Administration Office
Thursday	4	May (if required)	at	EMRC Administration Office
Thursday	8	June (if required)	at	EMRC Administration Office
Thursday	6	July (if required)	at	EMRC Administration Office
Thursday	10	August (if required)	at	EMRC Administration Office
Thursday	7	September (if required)	at	EMRC Administration Office
Thursday	5	October (if required)	at	EMRC Administration Office
Thursday	16	November (if required)	at	EMRC Administration Office

## 16 DECLARATION OF CLOSURE OF MEETING

There being no further business, the Chairman declared the meeting closed at 4:22pm.



**15.3 RESOURCE RECOVERY COMMITTEE MEETING HELD 2 FEBRUARY 2017  
(REFER TO MINUTES OF COMMITTEE – SAND PAGES)  
REFERENCE: D2017/00971 (RRC) – D2017/01731**

The minutes of the Resource Recovery Committee meeting held on **2 February 2017** accompany and form part of this agenda – (refer to sand section of 'Minutes of Committees' for Council accompanying this Agenda).

**QUESTIONS**

The Chairman invited general questions from members on the minutes of the Resource Recovery Committee. Any questions relating to the confidential report will be dealt with under section 19.1 of the agenda "Confidential Items."

**RECOMMENDATION(S)**

That Council notes the minutes of the Resource Recovery Committee meeting held 2 February 2017.

**COUNCIL RESOLUTION(S)**

MOVED CR SUTHERLAND                      SECONDED CR MCDONNELL

THAT COUNCIL NOTES THE MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD 2 FEBRUARY 2017.

**CARRIED UNANIMOUSLY**

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## RESOURCE RECOVERY COMMITTEE

### MINUTES

2 February 2017

(REF: D2017/00971 (RRC) - D2017/02453)

A meeting of the Resource Recovery Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 2 February 2017**. The meeting commenced at **5:00pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 5:00pm.

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

### Committee Members

Cr David McDonnell ( <b>Chairman</b> )	EMRC Member	City of Swan
Cr John Daw ( <b>Deputy Chairman</b> )	EMRC Member	Shire of Mundaring
Cr Michael Lewis	EMRC Member	Town of Bassendean
Cr Michelle Sutherland	EMRC Member	City of Bayswater
Cr Dylan O'Connor	EMRC Member	Shire of Kalamunda
Mr Simon Stewert-Dawkins	Director Operational Services	Town of Bassendean
Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Ric Lutey	Director Technical Services	City of Belmont
Mr Dennis Blair	Director Asset Services	Shire of Kalamunda
Mr Shane Purdy	Director Infrastructure Services	Shire of Mundaring
Mr Jim Coten	Executive Manager Operations	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

### EMRC Officers

Mr Stephen Fitzpatrick	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Dave Beresford	Manager Resource Recovery
Ms Giulia Bono	Administration Support Officer (Minutes)

## 3 DISCLOSURE OF INTERESTS

Nil

## 4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

## 5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil





## **6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

### **6.1 MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 4 AUGUST 2016**

That the Minutes of the Resource Recovery Committee meeting held on 4 August 2016, which have been distributed, be confirmed.

#### **RRC RESOLUTION(S)**

MOVED CR LEWIS

SECONDED MR COTEN

THAT THE MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 4 AUGUST 2016, WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**

## **7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN**

Nil

## **8 QUESTIONS BY MEMBERS WITHOUT NOTICE**

Nil

## **9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC**

NOTE: Section 5.23(2) of the *Local Government Act 1995*, details a number of matters upon which Council may discuss and make decisions without members of the public being present. These matters include: matters affecting employees; personal affairs of any person; contractual matters; legal advice; commercial-in-confidence matters; security matters; among others.

The following report item is covered in section 14 of this agenda.

### **9.1 RESOURCE RECOVERY FACILITY – PROJECT UPDATE**

## **10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING**

Nil

## **11 REPORTS OF EMPLOYEES**

Nil

## **12 REPORTS OF DELEGATES**

Nil

---



**13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING**

Nil

**14 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

**RECOMMENDATION (Closing meeting to the public)**

That the meeting be closed to members of the public in accordance with Section 5.23 (2)(c) of the *Local Government Act 1995* for the purpose of dealing with matters of a confidential nature.

**RRC RESOLUTION**

MOVED CR SUTHERLAND                      SECONDED MR STEWERT-DAWKINS

THAT THE MEETING BE CLOSED TO MEMBERS OF THE PUBLIC IN ACCORDANCE WITH SECTION 5.23 (2)(C) OF THE *LOCAL GOVERNMENT ACT 1995* FOR THE PURPOSE OF DEALING WITH MATTERS OF A CONFIDENTIAL NATURE.

**CARRIED UNANIMOUSLY**

The doors of the meeting were closed at 5:04pm.

**14.1 RESOURCE RECOVERY FACILITY – PROJECT UPDATE**

**REFERENCE: D2017/02454**

This item is recommended to be confidential because it contains matters of a commercial-in-confidence nature.

The Committee considered the Confidential Item circulated with the Agenda under Separate Cover.

**RECOMMENDATION [Meeting re-opened to the public]**

That the meeting be re-opened, the members of the public be invited to return to the meeting and the recommendations passed behind closed doors be recorded.

**RRC RESOLUTION**

MOVED CR SUTHERLAND                      SECONDED MR COTEN

THAT THE MEETING BE RE-OPENED, THE MEMBERS OF THE PUBLIC BE INVITED TO RETURN TO THE MEETING AND THE RECOMMENDATIONS PASSED BEHIND CLOSED DOORS BE RECORDED.

**CARRIED UNANIMOUSLY**

The doors of the meeting were re-opened at 5:14pm

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*Item 14 continued*

Recording of the recommendations passed behind closed doors, namely:

#### **14.1 RESOURCE RECOVERY FACILITY – PROJECT UPDATE**

**REFERENCE: D2017/02454**

#### **RRC RECOMMENDATION(S)**

MOVED CR LEWIS

SECONDED CR SUTHERLAND

THAT COUNCIL:

1. NOTES THE DETAILS OF THE TENDER SUBMISSIONS PROVIDED IN THE REPORT.
2. AUTHORISES COUNCILLORS ....., THE TECHNICAL ADVISORY COMMITTEE CHAIRMAN OR HIS DELEGATE, THE DIRECTOR WASTE SERVICES AND THE CHIEF EXECUTIVE OFFICER TO TRAVEL AS REQUIRED FOR REFERENCE FACILITY VISITS IF THEY ARE DEEMED NECESSARY BY THE TENDER EVALUATION STEERING COMMITTEE.

**CARRIED 11/1**

**For Vote: Cr McDonnell, Cr Daw, Cr Lewis, Cr Sutherland, Mr Stewart-Dawkins, Mr Pearson, Mr Lutey, Mr Blair, Mr Purdy, Mr Coten and Mr Schneider.**

**Against Vote: Cr O'Connor.**

#### **15 FUTURE MEETINGS OF THE RESOURCE RECOVERY COMMITTEE**

The next meeting of the Resource Recovery Committee will be held on **Thursday, 9 March 2017 (if required)** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 5:00pm.

#### **Future Meetings 2017**

Thursday	9	March (if required)	at	EMRC Administration Office
Thursday	6	April (if required)	at	EMRC Administration Office
Thursday	4	May (if required)	at	EMRC Administration Office
Thursday	8	June (if required)	at	EMRC Administration Office
Thursday	6	July (if required)	at	EMRC Administration Office
Thursday	10	August (if required)	at	EMRC Administration Office
Thursday	7	September (if required)	at	EMRC Administration Office
Thursday	5	October (if required)	at	EMRC Administration Office
Thursday	16	November (if required)	at	EMRC Administration Office

#### **16 DECLARATION OF CLOSURE OF MEETING**

There being no further business, the Chairman declared the meeting closed at 5:15pm.



**16 REPORTS OF DELEGATES**

Nil

**17 MEMBERS' MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN**

Nil

**18 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING**

Nil

**19 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

**RECOMMENDATION (Closing meeting to the public)**

That with the exception of ....., the meeting be closed to members of the public in accordance with Section 5.23 (2) of the *Local Government Act 1995* for the purpose of dealing with matters of a confidential nature.

**COUNCIL RESOLUTION**

MOVED CR PERKS

SECONDED CR DAW

THAT WITH THE EXCEPTION OF THE CEO, DIRECTOR CORPORATE SERVICES, DIRECTOR WASTE SERVICES, DIRECTOR REGIONAL SERVICES AND ADMINISTRATION OFFICER WASTE SERVICES THE MEETING BE CLOSED TO MEMBERS OF THE PUBLIC IN ACCORDANCE WITH SECTION 5.23 (2) OF THE *LOCAL GOVERNMENT ACT 1995* FOR THE PURPOSE OF DEALING WITH MATTERS OF A CONFIDENTIAL NATURE.

**CARRIED UNANIMOUSLY**

The doors of the meeting were closed at 6:19pm and members of the public departed the Council Chambers.

The Chief Executive Officer, Director Corporate Services and Administration Officer Waste Services remained in Council Chambers.

**19.1 ITEM 14.1 OF THE RESOURCE RECOVERY COMMITTEE MINUTES - RESOURCE RECOVERY FACILITY – PROJECT UPDATE**

**REFERENCE: D2017/01730**

This item is recommended to be confidential because it contains matters of a commercial-in-confidence nature.

The Council considered the Confidential Item circulated with the Agenda under Separate Cover.



*Item 19.1 continued*

**RECOMMENDATION [Meeting re-opened to the public]**

That the meeting be re-opened, the members of the public be invited to return to the meeting and the recommendations passed behind closed doors be recorded.

**COUNCIL RESOLUTION**

MOVED CR LEWIS

SECONDED CR DAW

THAT THE MEETING BE RE-OPENED, THE MEMBERS OF THE PUBLIC BE INVITED TO RETURN TO THE MEETING AND THE RECOMMENDATIONS PASSED BEHIND CLOSED DOORS BE RECORDED.

**CARRIED UNANIMOUSLY**

The doors of the meeting were re-opened at 6.41pm and members of the public returned to Council Chambers.

Recording of the resolutions passed behind closed doors, namely:

**19.1 ITEM 14.1 OF THE RESOURCE RECOVERY COMMITTEE MINUTES - RESOURCE RECOVERY FACILITY – PROJECT UPDATE**

**REFERENCE: D2017/01730**

**COUNCIL RESOLUTION(S)**

MOVED CR O'CONNOR

SECONDED CR PERKS

THAT COUNCIL:

1. NOTES THE DETAILS OF THE TENDER SUBMISSION PROVIDED IN THE REPORT.
2. AUTHORISES THE TECHNICAL ADVISORY COMMITTEE CHAIRMAN AND DEPUTY CHAIRMAN OR THEIR DELEGATES, THE DIRECTOR WASTE SERVICES, THE CHIEF EXECUTIVE OFFICER, MR JOHN KING OF TALIS CONSULTING AND MR KEVIN DONNELLY OF STANTONS INTERNATIONAL TO TRAVEL AS REQUIRED FOR REFERENCE FACILITY VISITS IF THEY ARE DEEMED NECESSARY BY THE TENDER EVALUATION STEERING COMMITTEE.

**CARRIED UNANIMOUSLY**

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## 20 FUTURE MEETINGS OF COUNCIL

The next meeting of Council will be held on **Thursday 23 March 2017** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 6:00pm.

### Future Meetings 2017

Thursday	23 March	at	EMRC Administration Office
Thursday	20 April (if required)	at	EMRC Administration Office
Thursday	18 May (if required)	at	EMRC Administration Office
Thursday	22 June	at	EMRC Administration Office
Thursday	20 July (if required)	at	EMRC Administration Office
Thursday	24 August (if required)	at	EMRC Administration Office
Thursday	21 September	at	EMRC Administration Office
Thursday	7 December	at	EMRC Administration Office
January 2018 (recess)			

Mr Cole entered the meeting at 6:41pm.

## 21 DECLARATION OF CLOSURE OF MEETING

There being no further business, the meeting was closed at 6:42pm.