# MINUTES

## CERTIFICATION OF CONFIRMATION OF COUNCIL MEETING MINUTES

## 19 September 2019

I, Cr David McDonnell, hereby certify that the minutes from the Council Meeting held on 19 September 2019 pages (1) to (182) were confirmed at a Special meeting of Council held on 17 October 2019.

**Signature**

Cr David McDonnell
**Person presiding at Meeting**

# MINUTES

Ordinary Meeting of Council

# 19 September 2019

**ORDINARY MEETING OF COUNCIL**

**MINUTES**

**19 September 2019**

**(REF: D2019/11201)**

An Ordinary Meeting of Council was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 19 September 2019**. The meeting commenced at **6:00pm**

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chief Executive Officer (CEO) declared the meeting open at 6:00pm, welcomed visitors and notified members that the Chairman sends his apologies for tonight's meeting and the Deputy Chairman is on approved leave.

The CEO acknowledged the traditional custodians of the land on which the meeting was held and paid respects to the elders past, present and future.

In accordance with section 3.3 of the EMRC Standing Orders and section 5.6(3) of the *Local Government Act 1995,* Council is to choose a Councillor present to preside at the meeting.

The CEO called for nominations for the appointment of a Councillor to preside at the meeting.

Cr McKenna nominated Cr Wolff.

Cr Wolff advised that he was intending to nominate Cr Lavell.

As a result, Cr McKenna withdrew his nomination of Cr Wolff.

Cr McKenna nominated Cr Lavell.

Cr Lavell accepted the nomination.

There being no further nominations Cr Lavell assumed the role of the Presiding Member at 6:02pm.

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

**Councillor Attendance**

| | | |
|---|---|---|
| Cr Jai Wilson | EMRC Member | Town of Bassendean |
| Cr Kathryn Hamilton<br>(Deputising for Cr Mykytiuk) | EMRC Deputy Member | Town of Bassendean |
| Cr Barry McKenna | EMRC Member | City of Bayswater |
| Cr Sally Palmer *(from 6:07pm)* | EMRC Member | City of Bayswater |
| Cr Filomena Piffaretti<br>(Deputising for Cr Palmer to 6:07pm) | EMRC Deputy Member | City of Bayswater |
| Cr Janet Powell | EMRC Member | City of Belmont |
| Cr Steve Wolff | EMRC Member | City of Belmont |
| Cr Geoff Stallard | EMRC Member | City of Kalamunda |
| Cr Cameron Blair *(from 6:03pm)*<br>(Deputising for Cr O'Connor) | EMRC Deputy Member | City of Kalamunda |
| Cr John Daw | EMRC Member | Shire of Mundaring |
| Cr David Lavell (Presiding Member) | EMRC Member | Shire of Mundaring |
| Cr Ian Johnson *(from 6:02pm)*<br>(Deputising for Cr McDonnell) | EMRC Deputy Member | City of Swan |

**Leave of Absence Previously Approved**

*Cr Mykytiuk (from 02/09/2019 to 06/10/2019 inclusive)*
*Cr O'Connor, (from 22/08/2019 to 24/09/2019 inclusive)*

**Apologies**

| | | |
|---|---|---|
| Cr David McDonnell (**Chairman**) | EMRC Member | City of Swan |

*Item 2 continued*

**EMRC Officers**

| | |
|---|---|
| Mr Marcus Geisler | 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 |
| Mrs Annie Hughes-d'Aeth | Personal Assistant to Director Corporate Services (Minutes) |

**EMRC Observers**

| | |
|---|---|
| Miss Izabella Krzysko | Manager Procurement and Governance |

**Observer(s)**

| | | |
|---|---|---|
| Cr Doug Jeans | EMRC Deputy Member | Shire of Mundaring |
| Mr Steve Morrison | Manager Works | City of Belmont |
| Mr Binh Luong | Senior Environmental Health Officer | City of Bayswater |

**Visitor(s)**

| | | |
|---|---|---|
| Cr Giorgia Johnson | Councillor | City of Bayswater |
| Mr Greg Mohen *(to 7:28pm)* | Partner | Kott Gunning Lawyers |

Cr Johnson entered Council Chambers at 6:02pm.

## 3 DISCLOSURE OF INTERESTS

Nil

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

### 4.1 CHANGE OF THE ORDER OF BUSINESS

The Presiding Member advised there would be a change to the Order of Business. Confidential Items 19.1 Hazelmere Wood Waste to Energy Plant Update, Item 19.2 Hazelmere Wood Waste To Energy Plant, Superintendent Role and Item 19.3 Resource Recovery Facility Update would be dealt with after Item 6 Public Question Time and prior to Item 7 Applications For Leave in order to make the most efficient use of Mr Mohen's time.

Cr Blair entered Council Chambers at 6:03pm.

### 4.2 2019 WASTE & RECYCLE CONFERENCE

Councillors who have registered for the Waste & Recycle Conference were reminded that this was being held on Wednesday 25 September 2019 until Thursday 26 September 2019.

## 5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

Nil

## 6 PUBLIC QUESTION TIME

Nil

As per the Presiding Member's announcement, Confidential Items 19.1 Hazelmere Wood Waste to Energy Plant Update, Item 19.2 Hazelmere Wood Waste To Energy Plant, Superintendent Role and Item 19.3 Resource Recovery Facility Update were dealt with at this point in the meeting.

Following Confidential Items 19.1, 19.2 and 19.3 the meeting recommenced from Item 7 Leave of Absence of the Agenda.

## 7 APPLICATIONS FOR LEAVE OF ABSENCE

Nil

## 8 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil

## 9 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

### 9.1 MINUTES OF ORDINARY MEETING OF COUNCIL HELD ON 22 AUGUST 2019

That the minutes of the Ordinary Meeting of Council held on 22 August 2019 which have been distributed, be confirmed.

**COUNCIL RESOLUTION**

MOVED CR DAW SECONDED CR POWELL

THAT THE MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 22 AUGUST 2019 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

Nil

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

12.1 ITEM 14.1 OF THE WASTE ADVISORY COMMITTEE MINUTES

HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE

12.2 HAZELMERE WOODWASTE TO ENERGY PLANT, SUPERINTENDENT ROLE

12.3 ITEM 14.2 OF THE WASTE ADVISORY COMMITTEE MINUTES

RESOURCE RECOVERY FACILITY 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 WOLFF SECONDED CR STALLARD

THAT WITH THE EXCEPTION OF ITEM 14.4, WHICH IS TO BE WITHDRAWN AND DEALT WITH SEPARATELY, COUNCIL ADOPTS THE RECOMMENDATIONS IN THE REPORTS OF EMPLOYEES (SECTION 14).

**CARRIED UNANIMOUSLY**

## 14.1 LIST OF ACCOUNTS PAID DURING THE MONTH OF AUGUST 2019

**REFERENCE: D2019/13601**

### 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 month of August 2019 noting.

### KEY POINTS 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 month of August 2019 is provided for noting.

**Recommendation(s)**

That Council notes the CEO's list of accounts for August 2019 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 $10,855,894.53.

### 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 month of August 2019. A list detailing the payments made is appended as an attachment to this report.

| | | | |
|---|---|---|---|
| **Municipal Fund** | EFT Payments | EFT42261 – EFT42457 | |
| | Cheque Payments | 220447– 220450 | |
| | Payroll EFT | PAY 2020-3 & PAY 2020-4 | |
| | Direct Debits | | |
| | - Superannuation | DD18937.1 – DD18937.23 & DD18938.1 – DD18938.23 | |
| | - Bank Charges | 1*AUG19 | |
| | - Other | 1567 – 1582 | $10,856,015.53 |
| | **Less** | | |
| | Cancelled EFT & Cheques | EFT42308 | ($121.00) |
| **Trust Fund** | Not Applicable | | Nil |
| **Total** | | | **$10,855,894.53** |

| **Summary of Expenditure for the Month of August 2019** | |
|---|---|
| Payroll | $486,818.75 |
| Term Deposit Investment | $8,500,000.00 |
| Capital Expenditure | $718,945.12 |
| Operating Expenditure | |
| - Landfill Levy * | Nil |
| - Other | $1,150,130.66 |
| **Total** | **$10,855,894.53** |

* Note: The Landfill Levy is paid quarterly in July, October, January and April.

*Item 14.1 continued*

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 3 – Good Governance

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

3.4 To continue to improve financial and asset management practices

**FINANCIAL IMPLICATIONS**

As contained within the report.

**SUSTAINABILITY IMPLICATIONS**

Nil

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

CEO's Delegated Payments List for the month of August 2019 (Ref: D201913781)

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That Council notes the CEO's list of accounts for August 2019 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 $10,855,894.53.

**COUNCIL RESOLUTION(S)**

MOVED CR WOLFF SECONDED CR STALLARD

THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR AUGUST 2019 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 $10,855,894.53.

**CARRIED UNANIMOUSLY**

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| EFT42262 | 01/08/2019 | ACCESS INDUSTRIAL TYRES PTY LTD | TYRE REPLACEMENT & REPAIR | 1,135.75 |
| EFT42263 | 01/08/2019 | ACCUWEIGH PTY LTD | INSTALL NEW WEIGHBRIDGE & RELOCATE EXISTING WEIGHBRIDGE AT HAZELMERE | 35,045.02 |
| EFT42264 | 01/08/2019 | ADT SECURITY | SECURITY MONITORING | 525.33 |
| EFT42265 | 01/08/2019 | ADVANCED NATIONAL SERVICES PTY LTD | CLEANING SERVICES & CONSUMABLES -ASCOT PLACE | 2,857.46 |
| EFT42266 | 01/08/2019 | AIM UWA BUSINESS SCHOOL ALLIANCE | STAFF TRAINING | 6,941.00 |
| EFT42267 | 01/08/2019 | AIR FILTER DRY CLEAN SYSTEMS WA | PLANT PARTS MAINTENANCE & SERVICE | 1,230.75 |
| EFT42268 | 01/08/2019 | AIRWELL GROUP PTY LTD | PURCHASE OF PUMP | 1,122.00 |
| EFT42269 | 01/08/2019 | ALL RUBBER TMH PTY LTD | PURCHASE OF ROLL OF DUST CLOTH FOR WOODWASTE GRINDER | 977.90 |
| EFT42270 | 01/08/2019 | ALLIGHTSYKES PTY LTD | REPLACE FAULTY BACKUP GENERATOR AT RED HILL | 3,161.95 |
| EFT42271 | 01/08/2019 | ALLWEST PLANT HIRE | PLANT HIRE | 7,480.35 |
| EFT42272 | 01/08/2019 | ANALYTICAL REFERENCE LABORATORY (ARL) | STOCKPILE SAMPLE TESTING - HMAS STIRLING | 14,325.30 |
| EFT42273 | 01/08/2019 | APOLLO FABRICATIONS | HOOK-LIFT BIN PURCHASES | 23,100.00 |
| EFT42274 | 01/08/2019 | ARMAGUARD (LINFOX ARMAGUARD PTY LTD) | COURIER SERVICE | 445.72 |
| EFT42275 | 01/08/2019 | AUTOSWEEP WA (LAMBERT FAMILY TRUST) | SITE SWEEPING - HAZELMERE | 2,464.00 |
| EFT42276 | 01/08/2019 | BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L) | PLANT & EQUIPMENT HIRE & PRODUCT TRANSPORTATION | 1,557.83 |
| EFT42277 | 01/08/2019 | BELMONT - REDCLIFFE NEWSROUND | NEWSPAPERS | 59.54 |
| EFT42278 | 01/08/2019 | BIN BATH AUSTRALIA PTY LTD | BIN CLEANING | 155.10 |
| EFT42279 | 01/08/2019 | BOYA EQUIPMENT | PLANT PARTS | 202.94 |
| EFT42280 | 01/08/2019 | BRIGHTMARK GROUP PTY LTD | CLEANING SERVICES & CONSUMABLES | 2,797.64 |
| EFT42281 | 01/08/2019 | BRING COURIERS | COURIER SERVICE | 400.96 |
| EFT42282 | 01/08/2019 | BUDGET ELECTRICS | BUILDING REPAIRS & MAINTENANCE & INSTALL RANGEHOOD & ELECTRICAL COOK TOP AT ASCOT PLACE | 2,326.39 |
| EFT42283 | 01/08/2019 | BUNNINGS GROUP LTD | HARDWARE SUPPLIES | 583.83 |
| EFT42284 | 01/08/2019 | BURSON AUTOMOTIVE PTY LTD | PLANT PARTS | 3,230.36 |
| EFT42285 | 01/08/2019 | CAPITAL DEMOLITION (CAPITAL RECYCLING) | CARTAGE & DISPOSAL OF CONCRETE PIPES & RUMBLE FROM HAZELMERE | 913.00 |
| EFT42286 | 01/08/2019 | CAPITAL TRANSPORT SERVICES (WA) PTY LTD | COURIER SERVICE | 738.79 |
| EFT42287 | 01/08/2019 | CAREERSPOT PTY LTD | STAFF RECRUITMENT | 198.00 |
| EFT42288 | 01/08/2019 | CCH AUSTRALIA LTD | AUSTRALIAN MASTER TAX GUIDE | 185.00 |
| EFT42289 | 01/08/2019 | CDM AUSTRALIA | IT EQUIPMENT PURCHASES | 31,887.83 |
| EFT42290 | 01/08/2019 | CHEMCENTRE | WOODCHIP SAMPLE MONITORING | 90.20 |
| EFT42291 | 01/08/2019 | CJD EQUIPMENT PTY LTD | PLANT MAINTENANCE, PARTS & SERVICE | 8,162.54 |
| EFT42292 | 01/08/2019 | CME BOILERMAKING PTY LTD | REPLACE PARTS ON HAMMEL SHREDDER | 1,018.60 |
| EFT42293 | 01/08/2019 | COMPU-STOR | IT BACKUP DATA SERVICES | 727.94 |
| EFT42294 | 01/08/2019 | CONCEPT AUDIO VISUAL | EQUIPMENT PURCHASE - EDUCATION CENTRE AT RED HILL | 8,941.90 |
| EFT42295 | 01/08/2019 | CPR ELECTRICAL SERVICES | ELECTRICAL REPAIRS - HAZELMERE SITE | 3,973.20 |
| EFT42296 | 01/08/2019 | CRACKAJACK PARTY HIRE | EQUIPMENT HIRE | 376.20 |
| EFT42297 | 01/08/2019 | CSE CROSSCOM PTY LTD | TWO-WAY RADIO PURCHASE | 902.40 |
| EFT42298 | 01/08/2019 | DENSFORD CIVIL PTY LTD | CONTRACT PAYMENT - HRRP | 86,603.59 |
| EFT42299 | 01/08/2019 | DMB FLUID TECHNOLOGIES PTY LTD | REPAIRS TO WIGGINS QUICK FILL NOZZLE | 1,372.48 |
| EFT42300 | 01/08/2019 | EASTERN HILLS SAWS & MOWERS | EQUIPMENT PARTS | 115.00 |
| EFT42301 | 01/08/2019 | ECOTECH P/L | WEBSITE MAINTENANCE FEE | 3,944.60 |
| EFT42302 | 01/08/2019 | EFFICIENT REFRIGERATION & ENERGY SAVINGS PTY LTD | AIRCONDITIONING MAINTENANCE | 770.00 |
| EFT42303 | 01/08/2019 | EKTIMO PTY LTD | WWtE PLANT & EQUIPMENT | 11,440.00 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| EFT42304 | 01/08/2019 | ELEMENT HYDROGRAPHIC SOLUTIONS | EQUIPMENT MAINTENANCE & SERVICE | 1,029.60 |
| EFT42305 | 01/08/2019 | EMAIL MEDIA (NRM JOBS) | STAFF RECRUITMENT | 165.00 |
| EFT42306 | 01/08/2019 | ENS INTERNATIONAL PTY LTD | STAFF TRAINING | 4,576.00 |
| EFT42307 | 01/08/2019 | ENVIRONMENT HOUSE | MATERIALS FOR EARTH CARERS COURSES | 903.00 |
| EFT42308 | 01/08/2019 | ENVIRONMENTAL JOBS NETWORK | STAFF RECRUITMENT | 121.00 |
| EFT42309 | 01/08/2019 | EVERSAFE FIRE PROTECTION | FIRE FIGHTING EQUIPMENT INSPECTION & SERVICE | 2,024.00 |
| EFT42310 | 01/08/2019 | FRESH BOOST PTY LTD ATF BANDITS TRUST | STAFF AMENITIES | 1,153.48 |
| EFT42311 | 01/08/2019 | FUELFIX T/AS TANKS2GO | ANNUAL CALIBRATION OF DIESEL BOWSER AT HAZELMERE | 1,155.00 |
| EFT42312 | 01/08/2019 | FUJI XEROX AUSTRALIA PTY LTD | PHOTOCOPIER MAINTENANCE | 118.83 |
| EFT42313 | 01/08/2019 | GHD | BUILDING & SITE INSPECTION & REPORTING - ASCOT PLACE | 1,650.00 |
| EFT42314 | 01/08/2019 | GREENS ELECTRICAL SERVICE | REPLACE RCD DEVICES, GENERATOR AT RED HILL | 3,208.97 |
| EFT42315 | 01/08/2019 | GREG WOOD TWISTECH | FENCE REPAIRS & INSTALL GATES AROUND LEACHATE PONDS | 38,945.50 |
| EFT42316 | 01/08/2019 | GROENEVELD AUSTRALIA P/L | PLANT REPAIR | 851.82 |
| EFT42317 | 01/08/2019 | HARVEY NORMAN AV/IT SUPERSTORE MIDLAND | PURCHASE OF OFFICE EQUIPMENT | 139.00 |
| EFT42318 | 01/08/2019 | HECS FIRE | EQUIPMENT INSPECTION | 385.00 |
| EFT42319 | 01/08/2019 | HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD | PLANT SERVICE & MAINTENANCE & REPAIR | 2,464.31 |
| EFT42320 | 01/08/2019 | ILLION AUSTRALIA PTY LTD ( DUN & BRADSTREET) | ONLINE CREDIT REFERENCE CHECKS | 19.80 |
| EFT42321 | 01/08/2019 | INFRA RED SERVICES (CONSULQUAL PTY LTD) | BUILDING MAINTENANCE - EMERGENCY & EXIT LIGHT AT ASCOT PLACE | 2,920.18 |
| EFT42322 | 01/08/2019 | IPING PTY LTD | INTERNET SERVICE | 1,128.80 |
| EFT42323 | 01/08/2019 | JBS&G AUSTRALIA P/L T/A STRATEGEN JBS&G | CONSULTING FEE - LIQUID WASTE | 455.40 |
| EFT42324 | 01/08/2019 | JCB CONSTRUCTION EQUIPMENT AUSTRALIA | PLANT SERVICE & MAINTENANCE | 290.29 |
| EFT42325 | 01/08/2019 | JJ RICHARDS & SONS P/L | PRODUCT TRANSPORTATION COST | 2,047.50 |
| EFT42326 | 01/08/2019 | KOOL KREATIVE | EMRC ECONOMIC REPORT CARD | 363.00 |
| EFT42327 | 01/08/2019 | KOTT GUNNING LAWYERS | LEGAL ADVICE & CONTRACT FINALISATION | 37,054.49 |
| EFT42328 | 01/08/2019 | LABOURFORCE IMPEX PERSONNEL P/L | LABOUR HIRE | 9,567.92 |
| EFT42329 | 01/08/2019 | LANDFILL GAS & POWER PTY LTD | ELECTRICITY CHARGES | 24,284.16 |
| EFT42330 | 01/08/2019 | LIFTRITE HIRE & SALES | PLANT PARTS | 175.74 |
| EFT42331 | 01/08/2019 | LIQUID LABS WA | SAMPLE TESTING - LEACHEATE POND & GREENWASTE HARDSTAND | 2,205.50 |
| EFT42332 | 01/08/2019 | LO-GO APPOINTMENTS | LABOUR HIRE | 7,582.08 |
| EFT42333 | 01/08/2019 | LOGICAMMS AUSTRALIA PTY LTD | EQUIPMENT SERVICE & SUPPORT | 1,973.90 |
| EFT42334 | 01/08/2019 | M2 TECHNOLOGY | UPDATE PHONE MESSAGE | 385.00 |
| EFT42335 | 01/08/2019 | MAIL PLUS PERTH | MAIL EXPENSES | 369.60 |
| EFT42336 | 01/08/2019 | MAJOR SECURITY SERVICES PTY LTD | SECURITY MONITORING | 3,671.72 |
| EFT42337 | 01/08/2019 | MARKET CREATIONS PTY LTD | IT CONSULTING | 15,486.98 |
| EFT42338 | 01/08/2019 | MARKETFORCE | VARIOUS PUBLIC NOTICES | 3,378.44 |
| EFT42339 | 01/08/2019 | MARSMEN PLUMBING | BUIDLING MAINTENANCE AT ASCOT PLACE | 229.35 |
| EFT42340 | 01/08/2019 | MCLEODS BARRISTERS & SOLICITORS | LEGAL ADVICE & CONTRACT PREPARATION | 1,452.55 |
| EFT42341 | 01/08/2019 | MIDLAND TOYOTA | VEHICLE REPAIR & SERVICE | 2,169.19 |
| EFT42342 | 01/08/2019 | MIDWAY FORD (WA) | VEHICLE SERVICE | 740.07 |
| EFT42343 | 01/08/2019 | MISS MAUD | CATERING COSTS | 107.40 |
| EFT42344 | 01/08/2019 | MS GROUNDWATER MANAGEMENT | GROUNDWATER MONITORING COSTS - RED HILL | 10,560.00 |
| EFT42345 | 01/08/2019 | MUNDARING TYRE CENTRE | TYRE REPAIRS | 270.00 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| EFT42346 | 01/08/2019 | NAPA (FORMERLY KNOWN AS COVS) | PLANT PARTS | 181.28 |
| EFT42347 | 01/08/2019 | NEVERFAIL SPRINGWATER | BOTTLED WATER | 364.60 |
| EFT42348 | 01/08/2019 | NEVILLE REFRIGERATION & AIRCONDITIONING | DEGASSING OF FRIDGES & AIRCONDITIONERS - RED HILL | 957.00 |
| EFT42349 | 01/08/2019 | OFFICEWORKS | OFFICE CONSUMABLES | 96.00 |
| EFT42350 | 01/08/2019 | ONSITE RENTALS PTY LTD | EQUIPMENT RENTAL | 424.66 |
| EFT42351 | 01/08/2019 | OTIS ELEVATOR COMPANY PTY LTD | BUILDING MAINTENANCE & REPAIRS | 1,676.10 |
| EFT42352 | 01/08/2019 | PATHWEST LABORATORY MEDICINE WA | SAMPLE TESTING - BACK WASH WATER AT MAYLANDS WATERLAND | 80.30 |
| EFT42353 | 01/08/2019 | PERTH SCIENTIFIC | SAMPLE TESTING - ACID SULFATE SOIL | 121.00 |
| EFT42354 | 01/08/2019 | PETRO MIN ENGINEERS | CONSULTING FEE - WWtE | 3,366.00 |
| EFT42355 | 01/08/2019 | PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD) | HYDRAULIC HOSE SUPPLIES & REPAIRS | 149.52 |
| EFT42356 | 01/08/2019 | PRESTIGE ALARMS | REPAIR ALARM PANEL AT RED HILL & SECURITY CAMERA AT HAZELMERE | 363.00 |
| EFT42357 | 01/08/2019 | PROTECTOR FIRE SERVICES | FIRE FIGHTING EQUIPMENT REPAIR, INSPECTION & MAINTENANCE AT HAZELMERE | 1,486.65 |
| EFT42358 | 01/08/2019 | PRUDENTIAL INVESTMENT SERVICES CORP P/L | INVESTMENT ADVISORY SERVICES | 1,959.65 |
| EFT42359 | 01/08/2019 | PUMPS UNITED PTY LTD | PUMP HIRE | 2,640.00 |
| EFT42360 | 01/08/2019 | RELATIONSHIPS AUSTRALIA WA INC | EAP - COUNSELLING FEES | 495.00 |
| EFT42361 | 01/08/2019 | REMONDIS AUSTRALIA PTY LTD | COLLECTION OF PAPER RECYCLABLES | 60.50 |
| EFT42362 | 01/08/2019 | RENTOKIL INITIAL PTY LTD | QUARTERLY PEST CONTROL SERVICE | 1,122.50 |
| EFT42363 | 01/08/2019 | ROL-WA PTY LTD T/AS ALLPEST | TERMITE INSPECTION AND RODENT CONTROL | 2,694.00 |
| EFT42364 | 01/08/2019 | RUDD INDUSTRIAL AND FARM SUPPLIES | HARDWARE SUPPLIES | 1,817.06 |
| EFT42365 | 01/08/2019 | SAFETY SIGNS SERVICE | SIGNAGE | 843.43 |
| EFT42366 | 01/08/2019 | SAI GLOBAL LIMITED | LICENCE RENEWAL - PRODUCT LISTING MODIFICATION | 29.44 |
| EFT42367 | 01/08/2019 | SECURE A FENCE | INSTALL FENCE AROUND HRRP | 12,184.42 |
| EFT42368 | 01/08/2019 | SHOWCASE CATERING | CATERING COSTS | 8,008.50 |
| EFT42369 | 01/08/2019 | SIGN SUPERMARKET | SIGNAGE | 1,963.00 |
| EFT42370 | 01/08/2019 | SIGNATURE PAVING AND EARTHWORKS PTY LTD | INSTALL PRECASE L-WALL AROUND WWtE | 22,147.65 |
| EFT42371 | 01/08/2019 | SNAP BELMONT (BELSNAP PTY LTD) | PRINTING COSTS - ENVELOPS | 2,065.53 |
| EFT42372 | 01/08/2019 | SPUDS GARDENING SERVICES | GROUND MAINTENANCE, SITE REHABILITATION & WEED CONTROL - RED HILL | 17,753.00 |
| EFT42373 | 01/08/2019 | STRATEGEN ENVIRONMENTAL CONSULTING | CONSULTING FEES - WWtE | 2,101.00 |
| EFT42374 | 01/08/2019 | SUNPALM AUSTRALIA PTY LTD T/A PREMIUM PLASTICS PTY LTD | SUPPLIES FOR SCHOOL BATTERY COLLECTIONS | 260.32 |
| EFT42375 | 01/08/2019 | SWAN FIRE SERVICES | SERVICE MAINTENANCE - FIRE PROTECTION SYSTEM | 173.80 |
| EFT42376 | 01/08/2019 | TALIS CONSULTANTS | CONSULTING FEE - LEACHATE PROJECT, HRRP COMMUNITY RECYCLING CENTRE & HAZELMERE WASTE TRANSFER | 17,673.39 |
| EFT42377 | 01/08/2019 | TEKNO PTY LTD T/A GAIA RESOURCES | CONSULTING FEE - COMMUNITY CAPACITY PROJECT | 8,800.00 |
| EFT42378 | 01/08/2019 | TENDERLINK | ADVERTISING COSTS - TENDER | 172.70 |
| EFT42379 | 01/08/2019 | TERRESTRIAL ECOSYSTEMS | PEST CONTROL | 22,000.00 |
| EFT42380 | 01/08/2019 | THE WATERSHED | PIPE FITTING FOR CLASS IV LEACHATE DAMS | 3,941.93 |
| EFT42381 | 01/08/2019 | TIM DAVIES LANDSCAPING PTY LTD (TDL) | GARDEN MAINTENANCE ASCOT PLACE | 1,004.94 |
| EFT42382 | 01/08/2019 | TJ DEPIAZZI & SONS | PRODUCT TRANSPORTATION COSTS | 3,165.31 |
| EFT42383 | 01/08/2019 | TOTAL TOOLS MIDLAND | BATTERY PURCHASE | 249.00 |
| EFT42384 | 01/08/2019 | TOTALLY WORKWEAR MIDLAND | PROTECTIVE CLOTHING | 973.54 |
| EFT42385 | 01/08/2019 | TRACTOR MAN | SITE REHABILITATION - RED HILL | 3,102.00 |
| EFT42386 | 01/08/2019 | TRANEN PTY LTD | ANNUAL REVEGETATION MONITORING & NATIVE SEED COLLECTION & PROCESSING - RED HILL | 5,552.60 |
| EFT42387 | 01/08/2019 | TRILLION TREES | PURCHASE OF TUBESTOCK | 3,003.82 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| EFT42388 | 01/08/2019 | TRUSTEE FOR THE OZAIR UNIT TRUST T/A OZAIR P/L | PLANT PARTS | 342.32 |
| EFT42389 | 01/08/2019 | TURNKEY INSTRUMENTS PTY LTD | ANNUAL SERVICE & CALIBRATION OF OSIRIS DUST MONITOR | 2,134.33 |
| EFT42390 | 01/08/2019 | TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD) | PURCHASE OF EXCAVATOR, PURCHASE OF HYDRAULIC PUMP FOR BOMAG & PLANT SERVICE & MAINTENANCE | 339,317.26 |
| EFT42391 | 01/08/2019 | VOLICH WASTE CONTRACTORS PTY LTD | BULK BIN HIRE | 44.00 |
| EFT42392 | 01/08/2019 | WA RECYCLING PTY LTD | SUPPLY OF SUB-BASE TO HRRP | 902.51 |
| EFT42393 | 01/08/2019 | WATERLOGIC AUSTRALIA PTY LTD | EQUIPMENT RENTAL | 519.31 |
| EFT42394 | 01/08/2019 | WEST TIP WASTE CONTROL | PRODUCT TRANSPORTING COSTS | 1,595.00 |
| EFT42395 | 01/08/2019 | WESTERN MAZE T/A WESTERN EDUCTING SERVICE | DUST EXTRACTION UNIT MAINTENANCE - GRINDER | 1,633.50 |
| EFT42396 | 01/08/2019 | WESTERN TREE RECYCLERS | SHREDDING OF GREENWASTE | 39,850.21 |
| EFT42397 | 01/08/2019 | WESTRAC EQUIPMENT PTY LTD | PLANT SERVICE AGREEMENT & PLANT PARTS & REPAIRS | 11,246.03 |
| EFT42398 | 01/08/2019 | WIL-HIL CONCRETE SERVICE | CONCRETE SLAB FOR WWtE | 3,080.00 |
| EFT42399 | 01/08/2019 | WINC AUSTRALIA PTY LTD | STATIONERY & CONSUMABLES | 1,533.62 |
| EFT42400 | 01/08/2019 | WORK CLOBBER | PROTECTIVE CLOTHING | 843.50 |
| EFT42401 | 01/08/2019 | WORLDWIDE PRINTING SOLUTIONS CANNINGTON | PRINTING COSTS - WASTE & RECYCLING GUIDE | 46,020.57 |
| EFT42402 | 01/08/2019 | WREN OIL | WASTE OIL REMOVAL | 16.50 |
| EFT42403 | 01/08/2019 | WURTH AUSTRALIA PTY LTD | PLANT PARTS | 208.42 |
| EFT42404 | 01/08/2019 | ZIP HEATERS (AUST) PTY LTD | REPAIR HOT WATER SYSTEM | 225.50 |
| EFT42405 | 02/08/2019 | CAVERSHAM HOUSE | VENUE HIRE - STAFF FUCNTION | 1,000.00 |
| EFT42406 | 02/08/2019 | DAMSTRA TECHNOLOGY PTY LTD | STAFF ONLINE TRAINING | 5,871.80 |
| EFT42407 | 02/08/2019 | EFFICIENT REFRIGERATION & ENERGY SAVINGS PTY LTD | AIRCONDITIONING MAINTENANCE | 770.00 |
| EFT42408 | 02/08/2019 | ENVIRONMENTAL JOBS NETWORK | STAFF RECRUITMENT | 121.00 |
| EFT42409 | 02/08/2019 | HAYS SPECIALIST RECRUITMENT | LABOUR HIRE | 1,969.00 |
| EFT42410 | 02/08/2019 | NOEL CARTER | QUOTATION - LANDSCAPE FOR HAZELMERE | 9,530.00 |
| EFT42411 | 02/08/2019 | SYNERGY | ELECTRICITY CHARGES - HAZELMERE | 105.65 |
| EFT42412 | 02/08/2019 | TALIS CONSULTANTS | CONSULTING FEE - CONDUCT LINER INTEGRITY SURVEY ON CLASS IV STAGE 2 CELL | 907.50 |
| EFT42413 | 02/08/2019 | TELSTRA CORPORATION LTD | TELEPHONE CHARGES | 611.77 |
| EFT42414 | 06/08/2019 | PLANTRITE | PURCHASE OF TUBESTOCK | 4,461.53 |
| EFT42415 | 06/08/2019 | RAMAL TISSERA | STAFF REIMBURSEMENT | 140.63 |
| EFT42416 | 06/08/2019 | SNAP BELMONT (BELSNAP PTY LTD) | PRINTING COSTS OF BUSINESS CARDS A& LAMINATE POSTER | 596.64 |
| EFT42417 | 06/08/2019 | FLIGHT CENTRE (WHITFORD CITY) | FOGO STUDY TOUR | 1,609.54 |
| EFT42418 | 08/08/2019 | ANERGY AUSTRALIA PTY LTD T/A ANSAC | WWtE - CONTRACT VARIATION PAYMENT | 97,479.25 |
| EFT42419 | 09/08/2019 | CABCHARGE | ADMIN FEE | 6.00 |
| EFT42420 | 09/08/2019 | CARPENTRY, HOUSE AND YARD MAINTENANCE | RED HILL EDUCATION CENTRE - MAINTENANCE | 495.00 |
| EFT42421 | 09/08/2019 | CHILD SUPPORT | EMPLOYEE DEDUCTION | 601.19 |
| EFT42422 | 09/08/2019 | FRANK HUA HIM KUA | STAFF REIMBURSEMENT | 1,530.60 |
| EFT42423 | 09/08/2019 | HAYS SPECIALIST RECRUITMENT | LABOUR HIRE | 2,375.11 |
| EFT42424 | 09/08/2019 | NEVILLE REFRIGERATION & AIRCONDITIONING | DEGASSING OF FRIDGES & AIRCONDITIONERS - TRANSFER STATION | 1,001.00 |
| EFT42425 | 09/08/2019 | RELATIONSHIPS AUSTRALIA WA INC | EAP - COUNSELLING FEES | 495.00 |
| EFT42426 | 09/08/2019 | TELSTRA CORPORATION LTD | TELEPHONE CHARGES | 284.94 |
| EFT42427 | 09/08/2019 | WEST FORCE PLUMBING AND GAS | PLUMBING REPAIR | 2,145.00 |
| EFT42428 | 09/08/2019 | YOGA BY LAUREN CATALANO | STAFF HEALTH PROMOTION | 270.00 |
| EFT42429 | 09/08/2019 | FLIGHT CENTRE (WHITFORD CITY) | FOGO STUDY TOUR | 2,741.10 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| EFT42430 | 13/08/2019 | ECONOMIC DEVELOPMENT AUSTRALIA | STAFF TRAINING | 25.00 |
| EFT42431 | 13/08/2019 | MOTORCHARGE PTY LTD | FLEET FUEL PURCHASES | 2,413.68 |
| EFT42432 | 13/08/2019 | ODOUR CONTROL SYSTEMS INTERNATIONAL LTD | ALTERNATIVE DAILY COVER MATERIAL | 32,854.80 |
| EFT42433 | 13/08/2019 | PAYG PAYMENTS | PAYG TAXATION PAYMENT | 72,086.00 |
| EFT42434 | 13/08/2019 | TELSTRA CORPORATION LTD | TELEPHONE CHARGES | 199.05 |
| EFT42435 | 13/08/2019 | WA BROILER GROWERS ASSOCIATION (INC) | REFUND OF PAYMENT GUARANTEE (CANCELLED PAYMENT) | 7,328.75 |
| EFT42436 | 16/08/2019 | BP AUSTRALIA PTY LTD | FUEL PURCHASES | 37,676.02 |
| EFT42437 | 16/08/2019 | BP AUSTRALIA PTY LTD | OIL PURCHASES | 798.61 |
| EFT42438 | 16/08/2019 | GREENS ELECTRICAL SERVICE | PUMP REPAIR | 202.40 |
| EFT42439 | 16/08/2019 | IZABELLA KRZYSKO | STAFF REIMBURSEMENT | 350.00 |
| EFT42440 | 16/08/2019 | LESTER BLADES PTY LTD | CONSULTING FEE - HR | 990.00 |
| EFT42441 | 16/08/2019 | NOEL CARTER | QUOTATION - LANDSCAPE FOR HAZELMERE | 4,980.00 |
| EFT42442 | 20/08/2019 | DEPUTY COMMISSIONER OF TAXATION | GST PAYMENT | 252,797.00 |
| EFT42443 | 20/08/2019 | PERTH ENERGY PTY LTD | GAS SUPPLY - WWtE | 157.58 |
| EFT42444 | 20/08/2019 | RELATIONSHIPS AUSTRALIA WA INC | EAP - COUNSELLING FEES | 165.00 |
| EFT42445 | 22/08/2019 | ADAM TENCH | CLEANING CAR POOL VEHICLES | 620.00 |
| EFT42446 | 22/08/2019 | CHILD SUPPORT | EMPLOYEE DEDUCTION | 601.19 |
| EFT42447 | 22/08/2019 | CITY OF WANNEROO | LSL LIABILITY CLAIM | 3,654.99 |
| EFT42448 | 22/08/2019 | MARKETFORCE | VARIOUS PUBLIC NOTICES & EVENT MARKETING | 39,146.30 |
| EFT42449 | 22/08/2019 | REMBIND PTY LTD | GRANULAR MATERIALS - REMEDIATION PROJECT | 72,600.00 |
| EFT42450 | 22/08/2019 | TELSTRA CORPORATION LTD | TELEPHONE CHARGES | 5,315.56 |
| EFT42451 | 22/08/2019 | THE FOLAN FAMILY TRUST T/A INSPIRED DEVELOPMENT SOLUTIONS P/L | CONSULTING FEE - STRATEGIC PLANNING | 550.00 |
| EFT42452 | 22/08/2019 | WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION (WALGA) | STAFF TRAINING | 12,288.00 |
| EFT42453 | 27/08/2019 | AUSTRALIA POST - ASCOT PLACE | POSTAL CHARGES | 310.94 |
| EFT42454 | 27/08/2019 | CITY OF SWAN | COUNCIL RATES FOR RED HILL & HAZELMERE | 12,647.51 |
| EFT42455 | 27/08/2019 | MARKET CREATIONS PTY LTD | IT CONSULTING | 7,293.00 |
| EFT42456 | 27/08/2019 | MARSMEN PLUMBING | BUIDLING MAINTENANCE AT ASCOT PLACE | 248.60 |
| EFT42457 | 27/08/2019 | PAYG PAYMENTS | PAYG TAXATION PAYMENT | 72,936.00 |
| 220447 | 12/08/2019 | EMRC PETTY CASH - COPPIN ROAD | PETTY CASH RECOUP | 47.20 |
| 220448 | 12/08/2019 | EMRC PETTY CASH - MATHIESON ROAD | PETTY CASH RECOUP | 21.10 |
| 220449 | 12/08/2019 | EMRC PETTY CASH - RED HILL | PETTY CASH RECOUP | 49.95 |
| 220450 | 13/08/2019 | WATER CORPORATION | WATER RATES & USAGE - ASCOT PLACE & HAZELMERE | 617.12 |
| PAY 2020-3 | 06/08/2019 | PAYROLL FE 6/8/2019 | PAYROLL | 200,481.14 |
| PAY 2020-4 | 20/08/2019 | PAYROLL FE 20/8/2019 | PAYROLL | 203,917.34 |
| 1*AUG19 | 01/08/2019 | BANK CHARGES 1837 - 1841 | BANK FEES & CHARGES | 1,520.34 |
| DD18937.1 | 06/08/2019 | WALGS PLAN | SUPERANNUATION | 25,890.78 |
| DD18937.2 | 06/08/2019 | SUNSUPER | SUPERANNUATION | 677.26 |
| DD18937.3 | 06/08/2019 | ZURICH MASTER SUPERANNUATION FUND | SUPERANNUATION | 296.52 |
| DD18937.4 | 06/08/2019 | RETAIL EMPLOYEES SUPERANNUATION TRUST | SUPERANNUATION | 1,323.23 |
| DD18937.5 | 06/08/2019 | AUSTRALIAN ETHICAL SUPER | SUPERANNUATION | 258.69 |
| DD18937.6 | 06/08/2019 | ONEPATH MASTERFUND (ANZ) | SUPERANNUATION | 180.14 |
| DD18937.7 | 06/08/2019 | BT SUPER FOR LIFE | SUPERANNUATION | 547.79 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| DD18937.8 | 06/08/2019 | PLUM SUPERANNUATION FUND ( MLC ) | SUPERANNUATION | 296.52 |
| DD18937.9 | 06/08/2019 | MARANI SUPER FUND | SUPERANNUATION | 997.11 |
| DD18937.10 | 06/08/2019 | NORTH PERSONAL SUPERANNUATION | SUPERANNUATION | 610.97 |
| DD18937.11 | 06/08/2019 | BT LIFETIME SUPER - EMPLOYER PLAN | SUPERANNUATION | 277.76 |
| DD18937.12 | 06/08/2019 | AMP FLEXIBLE LIFETIME SUPER | SUPERANNUATION | 874.66 |
| DD18937.13 | 06/08/2019 | CBUS INDUSTRY SUPER | SUPERANNUATION | 1,074.01 |
| DD18937.14 | 06/08/2019 | TELSTRA SUPERANNUATION SCHEME | SUPERANNUATION | 231.71 |
| DD18937.15 | 06/08/2019 | COMMONWEALTH ESSENTIAL SUPER | SUPERANNUATION | 263.46 |
| DD18937.16 | 06/08/2019 | MY NORTH SUPER A/T WEALTH PERSONAL SUPERANNUATUION & PENSION FUN | SUPERANNUATION | 218.17 |
| DD18937.17 | 06/08/2019 | ETHAN Y WANG SUPER PTY LTD ATF ETHAN Y WANG SUPERANNUATION FUND | SUPERANNUATION | 305.30 |
| DD18937.18 | 06/08/2019 | A&S HUGHES-D'AETH PTY LTD ATF A&S HUGHES-D'AETH SUPERANNUATION FUND | SUPERANNUATION | 533.68 |
| DD18937.19 | 06/08/2019 | HOSTPLUS SUPERANNUATION FUND | SUPERANNUATION | 2,257.84 |
| DD18937.20 | 06/08/2019 | AUSTRALIAN SUPER | SUPERANNUATION | 2,266.69 |
| DD18937.21 | 06/08/2019 | LEGALSUPER | SUPERANNUATION | 444.13 |
| DD18937.22 | 06/08/2019 | AUSTRALIAN CATHOLIC SUPERANNUATION & RETIREMENT FUND | SUPERANNUATION | 231.33 |
| DD18937.23 | 06/08/2019 | MLC SUPER FUND | SUPERANNUATION | 552.57 |
| DD18938.1 | 20/08/2019 | WALGS PLAN | SUPERANNUATION | 26,734.12 |
| DD18938.2 | 20/08/2019 | SUNSUPER | SUPERANNUATION | 689.14 |
| DD18938.3 | 20/08/2019 | ZURICH MASTER SUPERANNUATION FUND | SUPERANNUATION | 296.52 |
| DD18938.4 | 20/08/2019 | RETAIL EMPLOYEES SUPERANNUATION TRUST | SUPERANNUATION | 1,546.78 |
| DD18938.5 | 20/08/2019 | AUSTRALIAN ETHICAL SUPER | SUPERANNUATION | 255.07 |
| DD18938.6 | 20/08/2019 | ONEPATH MASTERFUND (ANZ) | SUPERANNUATION | 182.20 |
| DD18938.7 | 20/08/2019 | BT SUPER FOR LIFE | SUPERANNUATION | 613.00 |
| DD18938.8 | 20/08/2019 | PLUM SUPERANNUATION FUND ( MLC ) | SUPERANNUATION | 296.52 |
| DD18938.9 | 20/08/2019 | MARANI SUPER FUND | SUPERANNUATION | 997.11 |
| DD18938.10 | 20/08/2019 | NORTH PERSONAL SUPERANNUATION | SUPERANNUATION | 560.86 |
| DD18938.11 | 20/08/2019 | BT LIFETIME SUPER - EMPLOYER PLAN | SUPERANNUATION | 287.58 |
| DD18938.12 | 20/08/2019 | AMP FLEXIBLE LIFETIME SUPER | SUPERANNUATION | 874.66 |
| DD18938.13 | 20/08/2019 | CBUS INDUSTRY SUPER | SUPERANNUATION | 1,086.31 |
| DD18938.14 | 20/08/2019 | TELSTRA SUPERANNUATION SCHEME | SUPERANNUATION | 232.92 |
| DD18938.15 | 20/08/2019 | COMMONWEALTH ESSENTIAL SUPER | SUPERANNUATION | 263.54 |
| DD18938.16 | 20/08/2019 | MY NORTH SUPER A/T WEALTH PERSONAL SUPERANNUATUION & PENSION FUN | SUPERANNUATION | 218.82 |
| DD18938.17 | 20/08/2019 | ETHAN Y WANG SUPER PTY LTD ATF ETHAN Y WANG SUPERANNUATION FUND | SUPERANNUATION | 305.30 |
| DD18938.18 | 20/08/2019 | A&S HUGHES-D'AETH PTY LTD ATF A&S HUGHES-D'AETH SUPERANNUATION FUND | SUPERANNUATION | 533.68 |
| DD18938.19 | 20/08/2019 | HOSTPLUS SUPERANNUATION FUND | SUPERANNUATION | 2,148.21 |
| DD18938.20 | 20/08/2019 | AUSTRALIAN SUPER | SUPERANNUATION | 2,466.40 |
| DD18938.21 | 20/08/2019 | LEGALSUPER | SUPERANNUATION | 408.95 |
| DD18938.22 | 20/08/2019 | AUSTRALIAN CATHOLIC SUPERANNUATION & RETIREMENT FUND | SUPERANNUATION | 231.33 |
| DD18938.23 | 20/08/2019 | MLC SUPER FUND | SUPERANNUATION | 580.93 |
| 1567 | 13/08/2019 | WBC - CORPORATE MASTERCARD - H LIEW | PRE-PAYMENT INTO CREDIT CARD - FOGO STUDY TOUR | 5,000.00 |
| 1568 | 21/08/2019 | AUSTRACLEAR LIMITED (ASX) | FINANCIAL SERVICES FEE | 36.85 |
| 1569 | 22/08/2019 | WESTPAC BANKING CORPORATION | TERM DEPOSIT INVESTMENT | 2,500,000.00 |

**Eastern Metropolitan Regional Council**

**CEO's DELEGATED PAYMENTS LIST**
**FOR THE MONTH OF AUGUST 2019**

| Cheque / EFT No | Date | Payee | | Amount |
|---|---|---|---|---|
| 1570 | 16/08/2019 | WBC - CORPORATE MASTERCARD - D AMEDURI | CREDIT CARD PURCHASES | 467.87 |
| 1571 | 16/08/2019 | WBC - CORPORATE MASTERCARD - DAVID SCHMIDT | CREDIT CARD PURCHASES | 2,378.94 |
| 1572 | 16/08/2019 | WBC - CORPORATE MASTERCARD - DOUGLAS DARMAGO | CREDIT CARD PURCHASES | 3,153.99 |
| 1573 | 16/08/2019 | WBC - CORPORATE MASTERCARD - FRANK HUA HIM KUA | CREDIT CARD PURCHASES | 6,900.03 |
| 1574 | 16/08/2019 | WBC - CORPORATE MASTERCARD - H LIEW | CREDIT CARD PURCHASES | 95.44 |
| 1575 | 16/08/2019 | WBC - CORPORATE MASTERCARD - MARCUS GEISLER | CREDIT CARD PURCHASES | 11.33 |
| 1576 | 16/08/2019 | WBC - CORPORATE MASTERCARD - S FITZPATRICK | CREDIT CARD PURCHASES | 433.62 |
| 1577 | 16/08/2019 | WBC - CORPORATE MASTERCARD - T BEINHAUER | CREDIT CARD PURCHASES | 272.17 |
| 1578 | 16/08/2019 | WBC - CORPORATE MASTERCARD - T ECKSTEIN | CREDIT CARD PURCHASES | 552.27 |
| 1579 | 16/08/2019 | WBC - CORPORATE MASTERCARD - W HARRIS | CREDIT CARD PURCHASES | 137.26 |
| 1580 | 16/08/2019 | WBC - CORPORATE MASTERCARD - Z WILLIAMSON | CREDIT CARD PURCHASES | 141.39 |
| 1581 | 28/08/2019 | WESTPAC BANKING CORPORATION | TERM DEPOSIT INVESTMENT | 3,000,000.00 |
| 1582 | 30/08/2019 | WESTPAC BANKING CORPORATION | TERM DEPOSIT INVESTMENT | 3,000,000.00 |
| | | **SUB TOTAL** | | **10,856,015.53** |
| | | **LESS CANCELLED EFTs & CHEQUES** | | |
| EFT42308 | 01/08/2019 | ENVIRONMENTAL JOBS NETWORK | STAFF RECRUITMENT | -121.00 |
| | | **SUB TOTAL** | | **-121.00** |
| | | **TOTAL** | | **10,855,894.53** |

**REPORT**

| Bank Code | Bank | |
|---|---|---|
| | EMRC - Municipal Fund | **10,855,894.53** |

All Employee Superannuation obligations for the period August 2019 have been paid by the EMRC.

## 14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 JULY 2019

**REFERENCE: D2019/12666**

### 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 July 2019.

### 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 July 2019 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 July 2019.

### 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 2019/2020 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 are financial statements for the period ended 31 July 2019. 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.

*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 31 July 2019 is a favourable variance of $126,730 (22.56%) against budget. The following information is provided on key aspects of Council's year to date financial performance:

| | | |
|---|---|---|
| ***Operating Income*** | *Actuals for the Year* | An unfavourable variance of $39,826 (1.94%). |
| | *End of Year Forecast* | As per budget - not yet due to be reviewed. |

Operating Income variances not previously reported to Council:

1. Year to date Reimbursements of $43,910 is $21,941 (33.32%) below the budget of $65,851. This is attributable to a lower level of reimbursements compared to budget relating to the Coppin & Mathieson Transfer Stations.

2. Year to date Other Income of $110,823 is $112,137 (50.29%) below the budget of $222,960. This is mainly attributable to the timing of ferricrete sales during July 2019 ($19,283 compared to a budget of $65,000, a lower level of Greenwaste products sales ($2,911 compared to a budget of $23,408) and the timing of royalty payments from the sale of landfill gas ($0 compared to a budget of $58,333).

There were no further significant Operating Income variances as at 31 July 2019.

| | | |
|---|---|---|
| ***Operating Expenditure*** | *Actuals for the Year* | A favourable variance of $166,556 (11.19%). |
| | *End of Year Forecast* | As per budget - not yet due to be reviewed. |

Operating Expenditure variances not previously reported to Council:

1. Year to date Contract Expenses of $192,735 is $84,876 (30.57%) below the budget of $277,611 due to the timing of various projects from different business units.

   Projects where the expenditures are lower than budget for various directorates/business units include: Corporate Services ($19,267), Environmental Services ($3,092), Regional Development ($23,437) and other Waste Services minor projects ($38,730).

2. Year to date Material Expenses of $33,958 is $26,676 (44.00%) below the budget of $60,634 due to the timing of various projects from different business units.

   Projects where the expenditures are lower than budget for various directorates/business units include: Corporate Services ($8,384), Environmental Services ($1,654), Regional Development ($762) and other Waste Services minor projects ($15,876).

There were no further significant Operating Expenditure variances as at 31 July 2019.

*Item 14.2 continued*

| | | |
|---|---|---|
| ***Other Revenues and Expenses (Net)** | *Actuals for the Year* | An unfavourable variance of $37,430 (5.65%). |
| | *End of Year Forecast* | As per budget - not yet due to be reviewed. |

Other Revenues and Expenses variances not previously reported to Council:

1. Year to date User Charges of $3,780 is $54,970, (93.57%) below the budget of $58,750. The variance is due to the lower level of tonnages received through the Hazelmere C & I facility.

2. Year to date Other Revenue of $1,254 is $78,434 (98.43%) below the budget of $79,688. The variance relates specifically to the sale of products from the Hazelmere C&I Project due to the lower level of tonnages received through the Hazelmere C&I facility and resulting recoverable material available for sale ($1,254 compared to a budget of $17,036), as well as the sale of electricity from the Wood Waste to Energy facility which is yet to be completed ($0 compared to a budget of $62,652).

3. Year to date Salary Expenses (Other Expenses) of $25,783 is $28,229 (52.26%) below the budget of $54,012. The variance is principally attributable to the low level of activity in the Hazelmere C & I facility due to the lower level of tonnages received.

There were no further significant Other Revenues and Expenses variances as at 31 July 2019.

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

| | | |
|---|---|---|
| ***Capital Expenditure*** | *Actuals for the Year* | A favourable variance of $1,838,479. |
| | *End of Year Forecast* | As per budget - not yet due to be reviewed. |

Capital Expenditure variances:

A favourable variance of $1,838,479 existed as at 31 July 2019 when compared to the budget of $2,240,383. 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 expenditures to 31 July 2019 include:

- Purchase Vehicles - Ascot Place - $87,128; and
- Construct and Commission Resource Recovery Park - WWtE Building - $279,377.

**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 July 2019 totals $196,641,527. This is an increase of $1,313,603 from the 30 June 2019 equity of $195,327,925 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 July 2019 are as per the budget estimates.

*Item 14.2 continued*

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

The level of cash and investments in the Municipal Fund as at 31 July 2019 is $10,605,864 and Restricted Cash amount to $92,410,880.

The net movement for the month is a decrease of $1,881,022.

As end of year forecasts are yet to be reviewed, the forecast balances as at 31 July 2019 are as per the budget estimates.

**Investment Report (refer Attachment 5)**

Term deposits valued at $11,500,000 matured during July 2019. Of this amount $7,000,000 was reinvested into further term deposits.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 3 - Good Governance

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

3.4 To continue to improve financial and asset management practices

**FINANCIAL IMPLICATIONS**

As outlined within the report and attachments.

**SUSTAINABILITY IMPLICATIONS**

Nil

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (Ref: D2019/13667)
2. Capital Expenditure Statement (Ref: D2019/13668)
3. Statement of Financial Position (Ref: D2019/13669)
4. Statement of Cash and Investments (Ref: D2018/13670)
5. Investment Report (Ref: D201913671)

*Item 14.2 continued*

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 31 July 2019.

**COUNCIL RESOLUTION(S)**

MOVED CR WOLFF SECONDED CR STALLARD

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 JULY 2019.

**CARRIED UNANIMOUSLY**

EMRC

# STATEMENT OF COMPREHENSIVE INCOME

## Nature and Type

## JULY 2019

| Year to Date | | | | | Full Year | | | |
|---|---|---|---|---|---|---|---|---|
| Actual | Budget | Variance | | | Forecast | Budget | Variance | |
| | | | | **Operating Income** | | | | |
| $2,846,596 | $2,758,206 | $88,390 | (F) | User Charges | $34,133,183 | $34,133,183 | $0 | (F) |
| *($1,219,108)* | *($1,219,108)* | *$0* | *(F)* | *Less Landfill Levy Charges* | *($14,607,723)* | *($14,607,723)* | *$0* | *(F)* |
| $1,627,488 | $1,539,098 | $88,390 | (F) | Net User Charges | $19,525,460 | $19,525,460 | $0 | (F) |
| $38,230 | $35,038 | $3,192 | (F) | Special Charges | $442,603 | $442,603 | $0 | (F) |
| $168,856 | $165,000 | $3,856 | (F) | Contributions | $563,447 | $563,447 | $0 | (F) |
| $0 | $0 | $0 | (F) | Operating Grants | $525,000 | $525,000 | $0 | (F) |
| $21,313 | $22,499 | ($1,186) | (U) | Interest Municipal Cash Investments | $270,000 | $270,000 | $0 | (F) |
| $43,910 | $65,851 | ($21,941) | (U) | Reimbursements | $790,259 | $790,259 | $0 | (F) |
| $110,823 | $222,960 | ($112,137) | (U) | Other | $2,675,597 | $2,675,597 | $0 | (F) |
| **$2,010,620** | **$2,050,446** | **$39,826** | **(F)** | **Total Operating Income** | **$24,792,366** | **$24,792,366** | **$0** | **(F)** |
| | | | | **Operating Expenditure** | | | | |
| $549,353 | $566,701 | $17,348 | (F) | Salary Expenses | $9,856,504 | $9,856,504 | $0 | (F) |
| $192,735 | $277,611 | $84,876 | (F) | Contract Expenses | $4,706,382 | $4,706,382 | $0 | (F) |
| $33,958 | $60,634 | $26,676 | (F) | Material Expenses | $1,114,269 | $1,114,269 | $0 | (F) |
| $24,095 | $27,285 | $3,190 | (F) | Utility Expenses | $327,525 | $327,525 | $0 | (F) |
| $53,296 | $61,212 | $7,916 | (F) | Fuel Expenses | $734,688 | $734,688 | $0 | (F) |
| $21,520 | $21,520 | $0 | (F) | Insurance Expenses | $258,545 | $258,545 | $0 | (F) |
| $372,019 | $410,278 | $38,259 | (F) | Depreciation Expenses | $4,923,631 | $4,923,631 | $0 | (F) |
| $50,250 | $61,886 | $11,636 | (F) | Miscellaneous Expenses | $936,306 | $936,306 | $0 | (F) |
| $31,517 | $19,734 | ($11,783) | (U) | Provision Expenses | $236,821 | $236,821 | $0 | (F) |
| ($6,533) | ($18,095) | ($11,562) | (U) | Costs Allocated | ($2,146,825) | ($2,146,825) | $0 | (F) |
| **$1,322,210** | **$1,488,766** | **$166,556** | **(F)** | **Total Operating Expenditure** | **$20,947,846** | **$20,947,846** | **$0** | **(F)** |
| **$688,410** | **$561,680** | **$126,730** | **(F)** | **OPERATING RESULT FROM NORMAL ACTIVITIES** | **$3,844,520** | **$3,844,520** | **$0** | **(F)** |
| 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;
6. Actual & YTD Budget User Charges & Miscellaneous Expenses excludes the landfill levy value of $1,219,108 as at 31 July 2019; and
7. Full Year Budget & Forecast User Charges & Miscellaneous Expenses excludes the landfill levy of $14,607,723

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

# STATEMENT OF COMPREHENSIVE INCOME
## Nature and Type

## JULY 2019

| Year to Date | | | | | Full Year | | | |
|---|---|---|---|---|---|---|---|---|
| Actual | Budget | Variance | | | Forecast | Budget | Variance | |
| | | | | **Other Revenues** | | | | |
| $3,780 | $58,750 | ($54,970) | (U) | User Charges | $705,000 | $705,000 | $0 | (F) |
| $415,065 | $391,515 | $23,550 | (F) | Secondary Waste Charge | $4,756,004 | $4,756,004 | $0 | (F) |
| $0 | $0 | $0 | (F) | Operating Grants | $0 | $0 | $0 | (F) |
| $203,784 | $197,740 | $6,044 | (F) | Interest Restricted Cash Investments | $1,604,959 | $1,604,959 | $0 | (F) |
| $0 | $4 | ($4) | (U) | Reimbursements | $50 | $50 | $0 | (F) |
| $128,636 | $120,000 | $8,636 | (F) | Proceeds from Sale of Assets | $205,000 | $205,000 | $0 | (F) |
| $1,254 | $79,688 | ($78,434) | (U) | Other | $956,262 | $956,262 | $0 | (F) |
| **$752,519** | **$847,697** | **($95,178)** | **(U)** | **Total Other Revenues** | **$8,227,275** | **$8,227,275** | **$0** | **(F)** |
| | | | | **Other Expenses** | | | | |
| $25,783 | $54,012 | $28,229 | (F) | Salary Expenses | $828,644 | $828,644 | $0 | (F) |
| $14,866 | $26,656 | $11,790 | (F) | Contract Expenses | $850,463 | $850,463 | $0 | (F) |
| $0 | $6,280 | $6,280 | (F) | Material Expenses | $75,475 | $75,475 | $0 | (F) |
| $1,062 | $2,390 | $1,328 | (F) | Utility Expenses | $28,700 | $28,700 | $0 | (F) |
| $0 | $83 | $83 | (F) | Fuel Expenses | $1,000 | $1,000 | $0 | (F) |
| $4,613 | $4,613 | $0 | (F) | Insurance Expenses | $55,406 | $55,406 | $0 | (F) |
| $6,585 | $8,021 | $1,436 | (F) | Depreciation Expenses | $503,290 | $503,290 | $0 | (F) |
| $15,657 | $11,094 | ($4,563) | (U) | Miscellaneous Expenses | $133,350 | $133,350 | $0 | (F) |
| $52,227 | $52,300 | $73 | (F) | Carrying Amount of Assets Disposed Of | $153,999 | $153,999 | $0 | (F) |
| $6,533 | $19,625 | $13,092 | (F) | Costs Allocated | $683,135 | $683,135 | $0 | (F) |
| **$127,326** | **$185,074** | **$57,748** | **(F)** | **Total Other Expenses** | **$3,313,462** | **$3,313,462** | **$0** | **(F)** |
| **$625,193** Surplus | **$662,623** Surplus | **($37,430)** | **(U)** | **OPERATING RESULT FROM OTHER ACTIVITIES** | **$4,913,813** Surplus | **$4,913,813** Surplus | **$0** | **(F)** |
| **$1,313,603** Surplus | **$1,224,303** Surplus | **$89,300** | **(F)** | **NET RESULT** | **$8,758,333** Surplus | **$8,758,333** Surplus | **$0** | **(F)** |
| | | | | **Realised/Unrealised (Gain)/Loss From Change in Fair Value of Investments** | | | | |
| $0 | $0 | $0 | (F) | Unrealised (Gain)/Loss | $0 | $0 | $0 | (F) |
| $0 | $0 | $0 | (F) | Realised (Gain)/Loss | $0 | $0 | $0 | (F) |
| **$0** | **$0** | **$0** | **(F)** | **Total (Gain)/Loss from change in Fair Value of Investments** | **$0** | **$0** | **$0** | **(F)** |
| | | | | **Other Comprehensive Income** | | | | |
| $0 | $0 | $0 | (F) | Revaluation of Assets/Accumulated Depreciation Reversal | $0 | $0 | $0 | (F) |
| $0 | $0 | $0 | (F) | Other Comprehensive Income | $0 | $0 | $0 | (F) |
| **$0** | **$0** | **$0** | **(F)** | **Total Other Comprehensive Income** | **$0** | **$0** | **$0** | **(F)** |
| **$1,313,603** Surplus | **$1,224,303** Surplus | **$89,300** | **(F)** | **CHANGE IN NET ASSETS FROM OPERATIONS** | **$8,758,333** Surplus | **$8,758,333** Surplus | **$0** | **(F)** |

EMRC

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

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

## Governance and Corporate Services

| Year to Date Actual | Year to Date Budget | Year to Date Variance | | On Order | | Full Year Forecast | Full Year Budget | Full Year Variance | |
|---|---|---|---|---|---|---|---|---|---|
| $87,128 | $28,083 | ($59,045) | (U) | $0 | **Purchase Vehicles - Ascot Place** ( 24440/00 ) | $337,000 | $337,000 | $0 | (F) |
| $0 | $2,083 | $2,083 | (F) | $0 | **Purchase Furniture Fittings & Equipment - Corporate Services** ( 24510/01 ) | $25,000 | $25,000 | $0 | (F) |
| $0 | $28,000 | $28,000 | (F) | $12,860 | **Purchase Information Technology & Communication Equipment** ( 24550/00 ) | $336,000 | $336,000 | $0 | (F) |
| $0 | $1,666 | $1,666 | (F) | $0 | **Purchase Art Works** ( 24620/00 ) | $20,000 | $20,000 | $0 | (F) |
| $0 | $13,333 | $13,333 | (F) | $0 | **Capital Improvement Administration Building - Ascot Place** ( 25240/01 ) | $160,000 | $160,000 | $0 | (F) |
| $0 | $375 | $375 | (F) | $0 | **Upgrade Security Equipment - Ascot Place** ( 25530/01 ) | $4,500 | $4,500 | $0 | (F) |
| **$87,128** | **$73,540** | **($13,588)** | **(U)** | **$12,860** | | **$882,500** | **$882,500** | **$0** | **(F)** |

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

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

| Year to Date | | | | On Order | | Full Year | | | |
|---|---|---|---|---|---|---|---|---|---|
| Actual | Budget | Variance | | | | Forecast | Budget | Variance | |

## Resource Recovery

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $279,377 | $0 | ($279,377) | (U) | $0 | **Construct and Commission Resource Recovery Park - Wood Waste to Energy Building** ( 24259/05 ) | $0 | $0 | $0 | (F) |
| $0 | $45,832 | $45,832 | (F) | $0 | **Construct and Commission Resource Recovery Park - Community Transfer Station** ( 24259/06 ) | $550,000 | $550,000 | $0 | (F) |
| $0 | $66,666 | $66,666 | (F) | $0 | **Construct and Commission Resource Recovery Park - Site/Administration Office** ( 24259/07 ) | $800,000 | $800,000 | $0 | (F) |
| $0 | $41,666 | $41,666 | (F) | $0 | **Construct and Commission Resource Recovery Park - Community Reuse Store** ( 24259/08 ) | $500,000 | $500,000 | $0 | (F) |
| $0 | $833 | $833 | (F) | $0 | **Construct and Commission Resource Recovery Park - MRF Building - Hazelmere** ( 24259/09 ) | $10,000 | $10,000 | $0 | (F) |
| $1,625 | $17,500 | $15,875 | (F) | $12,286 | **Construct and Commission Resource Recovery Commercial Transfer Station - Hazelmere** ( 24259/10 ) | $210,000 | $210,000 | $0 | (F) |
| $0 | $6,504 | $6,504 | (F) | $78,652 | **Construct and Commission Resource Recovery Park - Weighbridge Office** ( 24259/12 ) | $78,055 | $78,055 | $0 | (F) |
| $0 | $50,000 | $50,000 | (F) | $0 | **Construct and Commission Resource Recovery Park - Site Workshop** ( 24259/13 ) | $600,000 | $600,000 | $0 | (F) |
| $0 | $9,611 | $9,611 | (F) | $55,442 | **Construct and Commission Resource Recovery Park - Weighbridges (x2)** ( 24392/02 ) | $115,337 | $115,337 | $0 | (F) |
| $24,773 | $212,499 | $187,726 | (F) | $66,827 | **Construct and Commission Resource Recovery Park - Site Infrastructure** ( 24399/01 ) | $2,550,000 | $2,550,000 | $0 | (F) |

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

| Year to Date | | | | On Order | | Full Year | | | |
|---|---|---|---|---|---|---|---|---|---|
| Actual | Budget | Variance | | | (F) = Favourable variation<br>(U) = Unfavourable variation | Forecast | Budget | Variance | |

## Resource Recovery

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $0 | $20,833 | $20,833 | (F) | $0 | **Construct Resource Recovery Park - Reuse Store Infrastructure (Car Park)**<br>( 24399/07 ) | $250,000 | $250,000 | $0 | (F) |
| $720 | $10,307 | $9,587 | (F) | $9,119 | **Wood Waste to Energy Utilities/Infrastructure - Resource Recovery Park**<br>( 24399/11 ) | $123,685 | $123,685 | $0 | (F) |
| ($4,710) | $103,383 | $108,093 | (F) | $9,000 | **Purchase Resource Recovery Park - Wood Waste to Energy Plant & Equipment**<br>( 24410/03 ) | $1,240,613 | $1,240,613 | $0 | (F) |
| $0 | $41,666 | $41,666 | (F) | $0 | **Purchase Resource Recovery Park C & I Building - Plant & Equipment**<br>( 24410/04 ) | $500,000 | $500,000 | $0 | (F) |
| $0 | $25,000 | $25,000 | (F) | $0 | **Purchase Resource Recovery Park Transfer Station - Plant & Equipment**<br>( 24410/05 ) | $300,000 | $300,000 | $0 | (F) |
| **$301,785** | **$652,300** | **$350,515** | **(F)** | **$231,326** | | **$7,827,690** | **$7,827,690** | **$0** | **(F)** |

## Waste Management

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $0 | $9,166 | $9,166 | (F) | $0 | **Construct Waste Management Facility Buildings - Red Hill Landfill Facility**<br>( 24250/01 ) | $110,000 | $110,000 | $0 | (F) |
| $0 | $5,250 | $5,250 | (F) | $0 | **Construct Storage Shed - Hazelmere**<br>( 24250/05 ) | $63,000 | $63,000 | $0 | (F) |
| $0 | $6,666 | $6,666 | (F) | $0 | **Upgrade Power Supply to Transfer Station - Red Hill Landfill Facility**<br>( 24259/14 ) | $80,000 | $80,000 | $0 | (F) |
| $0 | $6,666 | $6,666 | (F) | $0 | **Upgrade Power Supply to Workshop No 2 - Red Hill Landfill Facility**<br>( 24259/15 ) | $80,000 | $80,000 | $0 | (F) |
| $0 | $412,552 | $412,552 | (F) | $0 | **Construct Class III Cell Stage 14 - Red Hill Landfill Facility**<br>( 24310/12 ) | $4,974,352 | $4,974,352 | $0 | (F) |

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

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

| Year to Date Actual | Year to Date Budget | Year to Date Variance | | On Order | | Full Year Forecast | Full Year Budget | Full Year Variance | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Waste Management** | | | | |
| $2,957 | $0 | ($2,957) | (U) | $0 | **Construct Class III Landfill Cell Farm Stage 3 - Red Hill Landfill Facility** ( 24310/13 ) | $0 | $0 | $0 | (F) |
| $2,885 | $6,916 | $4,031 | (F) | $0 | **Leachate Project - Red Hill Landfill Facility** ( 24320/02 ) | $83,000 | $83,000 | $0 | (F) |
| $0 | $37,500 | $37,500 | (F) | $0 | **Design and Construct Class IV Cell Stage 2 - Red Hill Landfill Facility** ( 24330/04 ) | $450,000 | $450,000 | $0 | (F) |
| $0 | $16,666 | $16,666 | (F) | $0 | **Construct Stormwater Infrastructure and Siltation Ponds - Red Hill Landfill Facility** ( 24350/01 ) | $200,000 | $200,000 | $0 | (F) |
| $7,150 | $10,307 | $3,157 | (F) | $0 | **Construct Roads / Carparks - Red Hill Landfill Facility** ( 24370/00 ) | $123,690 | $123,690 | $0 | (F) |
| $0 | $41,666 | $41,666 | (F) | $0 | **Construct Access Road to Lots 8 9 10 - Red Hill Landfill Facility** ( 24370/02 ) | $500,000 | $500,000 | $0 | (F) |
| $0 | $20,833 | $20,833 | (F) | $0 | **Construct Drainage Diversion and Earthworks Infrastructures - Red Hill Landfill Facility** ( 24380/00 ) | $250,000 | $250,000 | $0 | (F) |
| $0 | $8,333 | $8,333 | (F) | $0 | **Construct Litter Fence - Redhill Landfill Facility** ( 24394/05 ) | $100,000 | $100,000 | $0 | (F) |
| $0 | $4,582 | $4,582 | (F) | $0 | **Construct Hardstand and Road - Hazelmere** ( 24395/01 ) | $55,000 | $55,000 | $0 | (F) |
| $0 | $8,333 | $8,333 | (F) | $0 | **Construct FOGO Processing Area - Red Hill Landfill Facility** ( 24395/05 ) | $100,000 | $100,000 | $0 | (F) |
| $0 | $3,333 | $3,333 | (F) | $0 | **Construct Monitoring Bores - Red Hill Landfill Facility** ( 24396/00 ) | $40,000 | $40,000 | $0 | (F) |
| $0 | $6,250 | $6,250 | (F) | $0 | **Air Supply lines - Waste Management Structures - Red Hill Landfill Facility** ( 24399/10 ) | $75,000 | $75,000 | $0 | (F) |
| $0 | $129,166 | $129,166 | (F) | $0 | **Liquid Waste Project - Red Hill Landfill Facility** ( 24399/16 ) | $1,550,000 | $1,550,000 | $0 | (F) |

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

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

| Year to Date Actual | Year to Date Budget | Year to Date Variance | | On Order | | Full Year Forecast | Full Year Budget | Full Year Variance | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Waste Management** | | | | |
| $0 | $122,323 | $122,323 | (F) | $0 | **Develop Lots 8 9 & 10 For Future Waste Activities - Red Hill Landfill Facility** ( 24399/19 ) | $1,500,000 | $1,500,000 | $0 | (F) |
| $0 | $299,583 | $299,583 | (F) | $0 | **Purchase / Replace Plant - Red Hill Landfill Facility** ( 24410/00 ) | $3,595,000 | $3,595,000 | $0 | (F) |
| $0 | $172,916 | $172,916 | (F) | $0 | **Purchase / Replace Plant - Hazelmere** ( 24410/01 ) | $2,075,000 | $2,075,000 | $0 | (F) |
| $0 | $50,000 | $50,000 | (F) | $0 | **Purchase FOGO Processing Plant - Red Hill Landfill Facility** ( 24410/10 ) | $600,000 | $600,000 | $0 | (F) |
| $0 | $37,500 | $37,500 | (F) | $0 | **Liquid Waste Project Plant - Red Hill Landfill Facility** ( 24410/11 ) | $450,000 | $450,000 | $0 | (F) |
| $0 | $73,333 | $73,333 | (F) | $0 | **Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility** ( 24420/00 ) | $880,000 | $880,000 | $0 | (F) |
| $0 | $1,166 | $1,166 | (F) | $0 | **Purchase / Replace Minor Plant and Equipment - Hazelmere** ( 24420/02 ) | $14,000 | $14,000 | $0 | (F) |
| $0 | $7,166 | $7,166 | (F) | $37,155 | **Purchase / Replace Vehicles - Red Hill Landfill Facility** ( 24430/00 ) | $86,000 | $86,000 | $0 | (F) |
| $0 | $8,333 | $8,333 | (F) | $0 | **Purchase / Replace Security System - Red Hill Waste Management Facility** ( 24530/08 ) | $100,000 | $100,000 | $0 | (F) |
| $0 | $3,040 | $3,040 | (F) | $0 | **Purchase / Replace Security System - Hazelmere** ( 24530/10 ) | $36,480 | $36,480 | $0 | (F) |
| $0 | $1,666 | $1,666 | (F) | $0 | **Purchase / Replace Other Equipment - Red Hill Landfill Facility** ( 24590/00 ) | $20,000 | $20,000 | $0 | (F) |
| $0 | $1,666 | $1,666 | (F) | $0 | **Purchase Office Furniture and Fittings-Hazelmere** ( 24610/10 ) | $20,000 | $20,000 | $0 | (F) |
| $0 | $1,666 | $1,666 | (F) | $0 | **Refurbish Plant - Red Hill Landfill Facility** ( 25410/00 ) | $20,000 | $20,000 | $0 | (F) |
| **$12,992** | **$1,514,543** | **$1,501,551** | **(F)** | **$37,155** | | **$18,230,522** | **$18,230,522** | **$0** | **(F)** |

# CAPITAL EXPENDITURE STATEMENT

## JULY 2019

| Year to Date | | | | On Order | | Full Year | | | |
|---|---|---|---|---|---|---|---|---|---|
| Actual | Budget | Variance | | | | Forecast | Budget | Variance | |
| $401,904 | $2,240,383 | $1,838,479 | (F) | $281,341 | TOTAL CAPITAL EXPENDITURE | $26,940,712 | $26,940,712 | $0 | (F) |

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

# STATEMENT OF FINANCIAL POSITION

## JULY 2019

| Actual June 2019 | Actual Year to Date | (F) = Favourable variation<br>(U) = Unfavourable variation | Full Year Forecast | Full Year Budget | Variance | |
|---|---|---|---|---|---|---|
| | | **Current Assets** | | | | |
| $1,498,764 | $4,126,077 | Cash and Cash Equivalents | $4,277,914 | $4,277,914 | $0 | (F) |
| $103,399,001 | $98,890,668 | Investments | $86,095,966 | $86,095,966 | $0 | (F) |
| $3,727,274 | $4,388,591 | Trade and Other Receivables | $2,426,402 | $2,426,402 | $0 | (F) |
| $54,739 | $35,403 | Inventories | $29,845 | $29,845 | $0 | (F) |
| $42,555 | $295,271 | Other Assets | $21,377 | $21,377 | $0 | (F) |
| **$108,722,333** | **$107,736,010** | **Total Current Assets** | **$92,851,504** | **$92,851,504** | **$0** | **(F)** |
| | | **Current Liabilities** | | | | |
| $5,546,564 | $3,186,194 | Trade and Other Payables | $3,604,991 | $3,604,991 | $0 | (F) |
| $1,629,324 | $1,629,324 | Provisions | $1,600,159 | $1,600,159 | $0 | (F) |
| **$7,175,888** | **$4,815,518** | **Total Current Liabilities** | **$5,205,150** | **$5,205,150** | **$0** | **(F)** |
| **$101,546,445** | **$102,920,492** | **Net Current Assets** | **$87,646,354** | **$87,646,354** | **$0** | **(F)** |
| | | **Non Current Assets** | | | | |
| $50,570,000 | $50,570,000 | Land | $50,570,000 | $50,570,000 | $0 | (F) |
| $7,282,047 | $7,272,731 | Buildings | $10,683,789 | $10,683,789 | $0 | (F) |
| $15,497,388 | $15,384,829 | Structures | $27,371,536 | $27,371,536 | $0 | (F) |
| $10,479,107 | $10,359,002 | Plant | $19,411,090 | $19,411,090 | $0 | (F) |
| $310,204 | $302,478 | Equipment | $918,978 | $918,978 | $0 | (F) |
| $143,201 | $142,579 | Furniture and Fittings | $124,441 | $124,441 | $0 | (F) |
| $13,411,331 | $13,632,732 | Work in Progress | $11,954,052 | $11,954,052 | $0 | (F) |
| **$97,693,279** | **$97,664,351** | **Total Non Current Assets** | **$121,033,886** | **$121,033,886** | **$0** | **(F)** |
| | | **Non Current Liabilities** | | | | |
| $3,911,799 | $3,943,316 | Provisions | $4,040,109 | $4,040,109 | $0 | (F) |
| **$3,911,799** | **$3,943,316** | **Total Non Current Liabilities** | **$4,040,109** | **$4,040,109** | **$0** | **(F)** |
| **$195,327,925** | **$196,641,527** | **Net Assets** | **$204,640,131** | **$204,640,131** | **$0** | **(F)** |
| | | **Equity** | | | | |
| $52,320,728 | $62,122,552 | Accumulated Surplus/Deficit | $69,541,479 | $69,541,479 | $0 | (F) |
| $91,958,292 | $91,958,292 | Cash Backed Reserves | $85,093,239 | $85,093,239 | $0 | (F) |
| $41,247,080 | $41,247,080 | Asset Revaluation Reserve | $41,247,080 | $41,247,080 | $0 | (F) |
| **$9,801,825** | **$1,313,603** | **Net change in assets from operations** | **$8,758,333** | **$8,758,333** | **$0** | **(F)** |
| **$195,327,925** | **$196,641,527** | **Total Equity** | **$204,640,131** | **$204,640,131** | **$0** | **(F)** |

EMRC

# CASH AND INVESTMENTS
## JULY 2019

| Actual June 2019 | Actual Year to Date | (F) = Favourable variation (U) = Unfavourable variation | Full Year Forecast | Full Year Budget | Full Year Variance | |
|---|---|---|---|---|---|---|
| | | **Municipal Cash and Investments** | | | | |
| 1,495,314 | 4,122,627 | Cash at Bank - Municipal Fund 01001/00 | 1,593,563 | 1,593,563 | 0 | (F) |
| 3,450 | 3,450 | Cash on Hand 01019/00 - 02 | 3,450 | 3,450 | 0 | (F) |
| 11,251,348 | 6,479,787 | Investments - Municipal Fund 02021/00 | 2,684,351 | 2,684,351 | 0 | (F) |
| **12,750,112** | **10,605,864** | **Total Municipal Cash** | **4,281,364** | **4,281,364** | **0** | **(F)** |
| | | **Restricted Cash and Investments** | | | | |
| 1,937,863 | 1,942,333 | Restricted Investments - Plant and Equipment 02022/01 | 564,514 | 564,514 | 0 | (F) |
| 2,709,862 | 2,716,113 | Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02 | 2,900,531 | 2,900,531 | 0 | (F) |
| 20,180,980 | 20,227,531 | Restricted Investments - Future Development 02022/03 | 21,861,282 | 21,861,282 | 0 | (F) |
| 1,098,527 | 1,101,061 | Restricted Investments - Environmental Monitoring Red Hill 02022/04 | 1,203,445 | 1,203,445 | 0 | (F) |
| 37,510 | 37,596 | Restricted Investments - Environmental Insurance Red Hill 02022/05 | 62,696 | 62,696 | 0 | (F) |
| 15,192 | 15,227 | Restricted Investments - Risk Management 02022/06 | 15,461 | 15,461 | 0 | (F) |
| 602,871 | 604,261 | Restricted Investments - Class IV Cells Red Hill 02022/07 | 220,591 | 220,591 | 0 | (F) |
| 312,586 | 313,307 | Restricted Investments - Regional Development 02022/08 | 476,800 | 476,800 | 0 | (F) |
| 57,994,036 | 58,127,809 | Restricted Investments - Secondary Waste Processing 02022/09 | 54,682,074 | 54,682,074 | 0 | (F) |
| 6,031,536 | 6,045,449 | Restricted Investments - Class III Cells 02022/10 | 2,753,548 | 2,753,548 | 0 | (F) |
| 76,706 | 76,883 | Restricted Investments - Building Refurbishment (Ascot Place) 02022/11 | 78,297 | 78,297 | 0 | (F) |
| 189,362 | 240,472 | Restricted Investments - Accrued Interest 02022/19 | 274,000 | 274,000 | 0 | (F) |
| 0 | 0 | Restricted Investments - Unrealised Loss/Gain on Investments 02022/20 | 0 | 0 | 0 | (F) |
| 960,622 | 962,838 | Restricted Investments - Long Service Leave 02022/90 | 1,002,727 | 1,002,727 | 0 | (F) |
| **92,147,653** | **92,410,880** | **Total Restricted Cash** | **86,095,966** | **86,095,966** | **0** | **(F)** |
| **104,897,765** | **103,016,744** | **TOTAL CASH AND INVESTMENTS** | **90,377,330** | **90,377,330** | **0** | **(F)** |

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.

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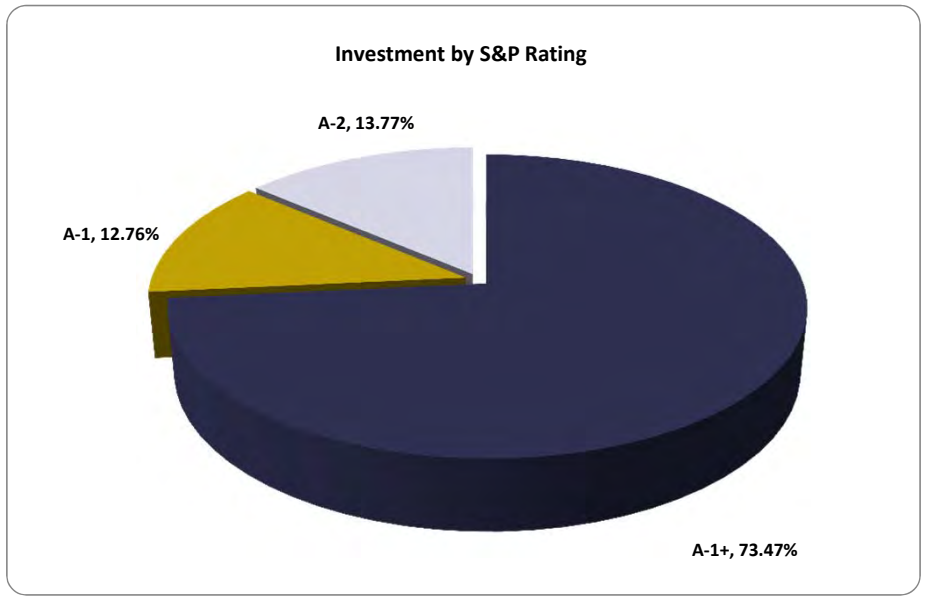
# EMRC Investment Report

## July 2019

### *I. Overall Portfolio Limits*

| S&P Long Term Rating | S&P Short Term Rating | % Portfolio | Investment Maximum % |
|---|---|---|---|
| *AAA* | *A-1+* | 73.47% | 100.00% |
| *AA* | *A-1* | 12.76% | 100.00% |
| *BBB* | *A-2* | 13.77% | 15.00% |
| | | 100.00% | |




### *II. Single Entity Exposure*

| | S&P Long Term Rating | S&P Short Term Rating | % Portfolio | |
|---|---|---|---|---|
| AMP | *BBB* | *A-2* | 4.59% | |
| ANZ Banking Group | *AAA* | *A-1+* | 5.61% | |
| Bankwest | *AAA* | *A-1+* | 0.00% | |
| Bank of Queensland | *BBB* | *A-2* | 4.59% | |
| ING | *AA* | *A-1* | 7.14% | |
| ME Bank | *BBB* | *A-2* | 4.59% | * |
| NAB | *AAA* | *A-1+* | 32.66% | |
| Suncorp | *AA* | *A-1* | 5.61% | * |
| Westpac / St. George Bank | *AAA* | *A-1+* | 35.21% | |
| | | | 100.00% | |

** Non-Fossil Fuel ADI (Authorised Deposit Taking Institution)*

### *III. Term to Maturity Framework*

| Maturity Profile | % Portfolio | Investment Policy Guidelines % Min | Investment Policy Guidelines % Max |
|---|---|---|---|
| *Less than 1 year* | 100.00% | 40% | 100% |
| *Greater than 1 year & less than or equal to 3 years* | 0.00% | 0% | 60% |
| | 100.00% | | |

### *IV. Fossil Fuel Divestment*

| | % Portfolio |
|---|---|
| Non-Fossil Fuel ADI's | 10.20% |
| Fossil Fuel ADI's | 89.80% |
| | 100.00% |

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

## 14.3 SPECIAL MEETING OF COUNCIL 4 NOVEMBER 2019

**REFERENCE: D2019/11194**

### PURPOSE OF REPORT

The purpose of this report is for Council to approve the date for a Special Meeting of Council to be held on 4 November 2019, following the 2019 local government elections, for the purpose of electing a Chairman and Deputy Chairman and to appoint Committee members.

### KEY POINTS AND RECOMMENDATION(S)

- Following the Western Australian Local Government elections to be held on 19 October 2019, member Councils will be appointing their representatives to the EMRC Council.
- A Special Meeting of Council is proposed to be held on Monday 4 November 2019 to elect the Chairman and Deputy Chairman and appoint members to the various EMRC Committees. Immediately prior to the Special Council meeting, councillors will make their declarations in accordance with section 2.29 of the *Local Government Act 1995.*

**Recommendation(s)**

That:

1. Council, in accordance with section 5.4 of the *Local Government Act 1995*, approves a Special Meeting of Council to be held on Monday 4 November 2019 for the purpose of electing a Chairman and Deputy Chairman, and to appoint members and deputy members to Committees.
2. Notice of the meeting be given in accordance with r.12 of the *Local Government (Administration) Regulations 1996*.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

Under section 5.4(b) of the *Local Government Act 1995* and Part 2.1(3) of EMRC Standing Orders Local Law 2013, an ordinary or special meeting of a council is to be held if so decided by Council.

### REPORT

The upcoming Western Australian Local Government elections will be held on Saturday, 19 October 2019. Following the elections, the EMRC member Councils will be appointing their representatives to the EMRC Council at their respective first meeting of Council. To ensure sufficient time is given to member Councils to appoint their representatives following the local government elections, member Councils have been consulted to ensure a suitable date is selected for the Special Meeting of Council for the EMRC.

A Special Meeting of Council is proposed to be convened on Monday, 4 November 2019, commencing at 6.30pm at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, Belmont WA 6104.

*Item 14.3 continued*

The purpose of the meeting is for the:

A. Election of the Chairman of the EMRC;
B. Election of the Deputy Chairman of the EMRC;
C. Appointment of Members to the Chief Executive Officers Advisory Committee (CEOAC);
D. Appointment of Members to the Chief Executive Officer Performance Review Committee (CEOPRC);
E. Appointment of Members to the Audit Committee (AC);
F. Appointment of Members to the Waste Advisory Committee (WAC);
G. Appointment of Members to the Investment Committee (IC); and
H. Appointment of a Delegate and Deputy Delegate to the Municipal Waste Advisory Committee (MWAC).

An agenda will be distributed to all newly elected EMRC Councillors, Deputy Councillors and member Council CEOs on Tuesday, 29 October 2019.

A Councillor Induction evening is proposed for Monday 14 November 2019. The Induction evening provides an opportunity for newly elected and returning Councillors to meet their fellow Councillors from the other member Councils, but also is an opportunity for the EMRC to provide high level information on current operations and projects and the future strategic direction of the organisation.

The Induction evening will be preceded with an optional tour of the Hazelmere Resource Recovery Park and Red Hill Waste Management Facility (subject to attendance numbers).

As resolved by Council previously the first round of Committee meetings to be held after the Special meeting of Council will be on the following dates:

**Chief Executive Officers Advisory Committee (CEOAC) – Tuesday 12:30pm**

| | | | |
|---|---|---|---|
| Tuesday | 19 November | at | EMRC Administration Office |

**Waste Advisory Committee (WAC) – Thursday 5:00pm**

| | | | |
|---|---|---|---|
| Thursday | 21 November (if required) | at | EMRC Administration Office |

**Audit Committee (AC) – Thursday 6:30pm**

| | | | |
|---|---|---|---|
| Thursday | 21 November (if required) | at | EMRC Administration Office |

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 3 – Good Governance

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

**FINANCIAL IMPLICATIONS**

Nil

**SUSTAINABILITY IMPLICATIONS**

Nil

*Item 14.3 continued*

**MEMBER COUNCIL IMPLICATIONS**

| Member Council | Implication Details |
|---|---|
| Town of Bassendean<br>City of Bayswater<br>City of Belmont<br>City of Kalamunda<br>Shire of Mundaring<br>City of Swan | Appointment of member Council Representatives to the EMRC Council and Committees. |

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That:

1. Council, in accordance with section 5.4 of the *Local Government Act 1995*, approves a Special Meeting of Council to be held on Monday 4 November 2019 for the purpose of electing a Chairman and Deputy Chairman, and to appoint members and deputy members to Committees.
2. Notice of the meeting be given in accordance with r.12 of the *Local Government (Administration) Regulations 1996*.

**COUNCIL RESOLUTION(S)**

MOVED CR WOLFF SECONDED CR STALLARD

THAT:

1. COUNCIL, IN ACCORDANCE WITH SECTION 5.4 OF THE *LOCAL GOVERNMENT ACT 1995*, APPROVES A SPECIAL MEETING OF COUNCIL TO BE HELD ON MONDAY 4 NOVEMBER 2019 FOR THE PURPOSE OF ELECTING A CHAIRMAN AND DEPUTY CHAIRMAN, AND TO APPOINT MEMBERS AND DEPUTY MEMBERS TO COMMITTEES.
2. NOTICE OF THE MEETING BE GIVEN IN ACCORDANCE WITH R.12 OF THE *LOCAL GOVERNMENT (ADMINISTRATION) REGULATIONS 1996*.

**CARRIED UNANIMOUSLY**

## 14.4 DRAFT FOOD ORGANICS AND GARDEN ORGANICS (FOGO) RECOVERY STRATEGY

**REFERENCE: D2019/13754**

### PURPOSE OF REPORT

The purpose of this report is to provide the draft Food Organics and Garden Organics (FOGO) Recovery Strategy to Council for its consideration and endorsement.

### KEY POINTS AND RECOMMENDATION(S)

- The options for the processing of FOGO waste at the Red Hill Waste Management Facility (Red Hill) have been investigated further since the December 2018 and March 2019 Council meetings.
- The Mobile Aerator Floor (MAF) composting system is being procured for a FOGO composting interim facility at the Red Hill Waste Management Facility.
- The draft FOGO Recovery Strategy has been updated as a result of the Waste Advisory Committee (WAC) meeting held 5 September 2019 and in consultation with member Council staff and the final revised draft is now presented to Council.

**Recommendation(s)**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Recovery Strategy.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

In February 2018 the Town of Bassendean advised the EMRC that, inter alia “the Town would like to work with the EMRC to explore alternative options to the incineration of the Town’s residual waste, including a trial/scalable anaerobic digester facility at the EMRC’s Red Hill Facility for the Town’s residual waste”. The EMRC acknowledged this advice at their March 2018 Council meeting.

In October 2018, the City of Bayswater advised of their intention to introduce FOGO and requested that the EMRC undertake investigations in relation to best practice FOGO processing for the City of Bayswater and other interested parties collaboratively with the City of Bayswater to enable the implementation of FOGO in a timely manner. A meeting was held with the City of Bayswater on 6 November 2018 to gather a fuller understanding of their proposal and future requirements.

Further at its 6 December 2018 Council meeting it was resolved (Ref: D2018/17076):

“*THAT COUNCIL:*

1. *ACKNOWLEDGE THE REQUESTS FROM THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER FOR THE INVESTIGATION OF THE PROCESSING OF FOOD AND GARDEN ORGANIC WASTE (FOGO) AT THE RED HILL WASTE MANAGEMENT FACILITY.*
2. *NOTES THE OPTIONS BEING CONSIDERED FOR THE PROCESSING OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *AS PART OF THE VARIOUS OPTIONS BEING CONSIDERED, THAT INVESTIGATIONS AND COST MODELLING BE UNDERTAKEN ON OPTIONS TO ESTABLISH AN INTERIM FINANCIAL ARRANGEMENT ON BEHALF OF MEMBER COUNCILS, WITH SOUTHERN METROPOLITAN REGIONAL COUNCIL OR OTHER APPROPRIATE THIRD PARTIES FOR*
4. *THE PROCESSING OF FOGO COMMENCING 1 JULY 2019 UNTIL THE RED HILL WASTE MANAGEMENT FACILITY IS ABLE TO RECEIVE AND PROCESS FOGO WASTE.*

*Item 14.4 continued*

5. *REQUEST THE OUTCOME FROM THE REVIEW OF THE VARIOUS OPTIONS INCLUDING COST MODELLING BE PRESENTED TO THE MARCH 2019 ORDINARY COUNCIL MEETING."*

At its 21 March 2019 meeting of Council, it was resolved (D2019/05266):

*"THAT:*

1. *THE EMRC BEGIN THE PROCESS OF DEVELOPING A LONG-TERM FOOD ORGANIC & GARDEN ORGANIC (FOGO) STRATEGY INCLUDING, IF REQUIRED, SEEKING EXPRESSIONS OF INTEREST FOR THE APPROPRIATE TECHNOLOGY TO IMPLEMENT LONG-TERM FOGO PROCESSING SOLUTIONS TO CATER FOR ALL MEMBER COUNCIL WASTE STREAMS.*
2. *IN THE INTERIM, THE EMRC PROCEEDS WITH THE PROCUREMENT PROCESS AND LICENCE APPROVAL FOR THE ADDITION OF A TRIAL MOBILE AERATOR FLOOR (MAF) COMPOSTING SYSTEM FOR THE PROCESSING OF UP TO10,000 TPA OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *APPROVES THE EXPENDITURE OF UP TO $400,000 EX GST FOR THE PURCHASE AND INSTALLATION OF A SUITABLE MAF SYSTEM, INCLUDING HARDSTAND INSTALLATION AND THAT THE FUNDS BE ALLOCATED FROM THE SECONDARY WASTE RESERVE.*
4. *NOTES THAT INTERIM ARRANGEMENTS ARE AVAILABLE WITH SEVERAL THIRD PARTY PROCESSORS OF FOGO WASTE IF THE INSTALLATION OF A PROCESSING FACILITY OR THE LICENCE APPROVAL IS DELAYED FOR WHATEVER REASON BEYOND PLANNED START DATES FOR FOGO COLLECTIONS BY MEMBER COUNCILS.*
5. *ADVISE THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER OF THE COUNCIL RESOLUTION AND AUTHORISE THE CEO TO ENTER INTO NEGOTIATIONS WITH THESE MEMBER COUNCILS FOR A SUITABLE PROCESSING ARRANGEMENT.*
6. *SEEK FUNDING SUPPORT FROM THE WASTE AUTHORITY FOR THE FOGO TRIAL AT THE RED HILL WASTE MANAGEMENT FACILITY.*
7. *THAT THE EMRC EXPLORE ALL MARKETING OPPORTUNITIES FOR THE COMPOST PRODUCT DURING THE FOGO TRIAL PERIOD."*

**REPORT**

Since the March 2019 Council meeting, a draft FOGO recovery strategy has been developed, having regard for the FOGO study tour in August, the unsuccessful grant application to the Community & Industry Engagement in April 2019 and the input and comments provided by member Council councillors and officers.

The draft Strategy was presented to the WAC at its meeting of 5 September 2019 where a number of amendments were made and a revised recommendation was put forward.

*Item 14.4 continued*

**WAC RECOMMENDATION(S)**

That Council:

1. Notes the draft food organics and garden organics (FOGO) strategy.
2. Endorses the proposed outcome of having a long term or permanent FOGO treatment facility for the region operating by July 2022.
3. Requests that the draft FOGO waste strategy be further developed in consultation with member Council staff and be presented to council for endorsement.
4. By absolute majority in accordance with section 6.8(1)(b) of the *Local Government Act 1995*, authorises an allocated budget of $100,000 to be utilised from the secondary waste reserve to implement elements of the FOGO strategy, including but not necessarily limited, to preliminary works such as various modelling and tender preparation.

**CARRIED UNANIMOUSLY**

Since the WAC meeting held on 5 September 2019 the draft FOGO Recovery Strategy has now been further developed in consultation with member Council staff and it is presented to Council for its endorsement.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.1 To provide sustainable waste disposal operations

**FINANCIAL IMPLICATIONS**

There is provision in the adopted 2019/2020 Annual Budget and the ten (10) year financial plan for capital expenditure on food organics and garden organics (FOGO) processing.

**SUSTAINABILITY IMPLICATIONS**

Nil

**MEMBER COUNCIL IMPLICATIONS**

| Member Council | Implication Details |
|---|---|
| Town of Bassendean | As detailed in the FOGO Recovery Strategy. |
| City of Bayswater | |
| City of Belmont | |
| City of Kalamunda | |
| Shire of Mundaring | |
| City of Swan | |

*Item 14.4 continued*

ATTACHMENT(S)

Draft Food Organics and Garden Organics (FOGO) Recovery Strategy – (Ref: D2019/13995)

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Recovery Strategy.

**NOTICE OF AMENDMENT RECEIVED FROM CR DAW**

In accordance with Clause 9.1 of the *EMRC Standing Orders Local Law 2013*, Cr Daw has given notice of his intention to move an amendment to the officer recommendation under Item 14.4 at the Ordinary Meeting of Council to be held on 19 September 2019.

**Amended Recommendation**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Recovery Strategy subject to the last dot point under 'Principles' on page 9 being amended to state "The funding of bins, caddies and initial education/product marketing for member Councils will be funded through the Secondary Waste Reserve."

**Rationale provided by Cr Daw**

It is the intention for FOGO costs to be paid for by the secondary waste reserve. My motion is simply for greater clarification; it is not just "to be investigated".

**Officer Comments**

EMRC Officers are supportive of the principle of the amendment to provide clarity regarding the funding of the FOGO costs. The approach is consistent with regards to the FOGO process being part of a continuing project as defined in Schedule 1 of the *Establishment Agreement* and the intended use of the Secondary Waste Reserve.

Cr Wilson seconded the amended recommendation.

Cr McKenna requested consideration be given to those member Councils that already have a 3 bin system in relation to funding moving forward.

The CEO highlighted that there is a recognition that there are existing differences with regards to the third bin amongst the member Councils and that there should be fair and equitable solution to recognise this difference such as a differential gate fee for the use of funds from the secondary waste reserve to pay for the cost of the bins.

Cr Wilson enquired if the amount of $100,000 referred to in the WAC Item 11.4 to implement elements of the FOGO strategy is sufficient.

The CEO advised that to incorporate the proposed changes that an amount of $500,000 may be more appropriate.

*Item 14.4 continued*

The Director Corporate Services advised that if Council is agreeable to the change in the amount from $100,000 to $500,000, then it is proposed that Cr Daw's amended recommendation remain as is and an amendment be made to the WAC Item 11.4 that will be before Council at the later part of this Council meeting such that the recommendation 4 will be:

4. *By absolute majority in accordance with section 6.8(1)(b) of the Local Government Act 1995, authorises an allocated budget of $500,000 to be utilised from the secondary waste reserve to implement elements of the FOGO strategy, including but not necessarily limited, to preliminary works such as various modelling and tender preparation.*

Cr Daw spoke for the amended recommendation.

Cr Wilson spoke for the amended recommendation.

**AMENDED RECOMMENDATION(S)**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Recovery Strategy subject to the last dot point under 'Principles' on page 9 being amended to state "The funding of bins, caddies and initial education/product marketing for member Councils will be funded through the Secondary Waste Reserve."

**COUNCIL RESOLUTION(S)**

MOVED CR DAW SECONDED CR WILSON

THAT COUNCIL ENDORSES THE DRAFT FOOD ORGANICS AND GARDEN ORGANICS (FOGO) RECOVERY STRATEGY SUBJECT TO THE LAST DOT POINT UNDER 'PRINCIPLES' ON PAGE 9 BEING AMENDED TO STATE "THE FUNDING OF BINS, CADDIES AND INITIAL EDUCATION/PRODUCT MARKETING FOR MEMBER COUNCILS WILL BE FUNDED THROUGH THE SECONDARY WASTE RESERVE."

**CARRIED UNANIMOUSLY**

**POST MEETING NOTE**

The attachment to this report has been amended on page 9 to reflect Council's resolution to state "The funding of bins, caddies and initial education/product marketing for member Councils will be funded through the Secondary Waste Reserve." as presented.

EMRC

# FOOD ORGANICS & GARDEN ORGANICS (FOGO) RECOVERY STRATEGY

Advancing Perth's Eastern Region

# CHAIRMAN'S REPORT

The EMRC has a well-earned reputation for collaborative innovation in the fields of waste management and education, resource recovery, environmental management and regional development. The introduction of FOGO (Food and Garden Organics) represents a major opportunity to demonstrate leadership in action, bringing together member Councils and other stakeholders to help create and implement the most significant step-change in community waste management practices and perceptions for many years.

In developing our FOGO Strategy, a guiding principle has been full alignment with Western Australia's Waste Strategy, encapsulated in the Waste Avoidance and Resource Recovery Strategy 2030 which calls for all metropolitan local government councils to provide a FOGO system by 2025.

This carefully-considered Strategy will form a cornerstone of our mission to identify and negotiate the next vitally-important steps towards full adoption of FOGO. It will provide a roadmap to help ensure our communities are fully informed, enthusiastically engaged and confidently prepared for the successful rollout of FOGO in our region.

**Cr David McDonnell**
*EMRC Chairman*

# CHIEF EXECUTIVE OFFICER'S REPORT

Most householders are probably unaware that over two-thirds of waste collected in household bins is organic material, currently lost to landfill. More positively, there is absolutely no doubt that FOGO is the single biggest opportunity for the community to have a direct impact on reshaping this picture, separating at the household and recovering this organic material and keeping valuable resources productive in the circular economy.

Our FOGO Recovery Strategy deliberately adopts a regional approach towards education, processing, recycled content procurement and partnerships with end markets. It will provide clarity and consistency as together, we move confidently towards a new era of waste management, applying local, proven solutions to create new economic, social and environmental benefits. FOGO will also add critical infrastructure to our region which will continue to benefit the community for many years to come.

This Strategy will enable us to explore and deliver the full benefits of the FOGO revolution for our stakeholders, member Councils and their communities as well as alternative sources of organic waste. We look forward to working with the member Councils and supporting them to deliver a flexible, responsive and upbeat approach to the challenge.

**Marcus Geisler**
*Chief Executive Officer*

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PART
01

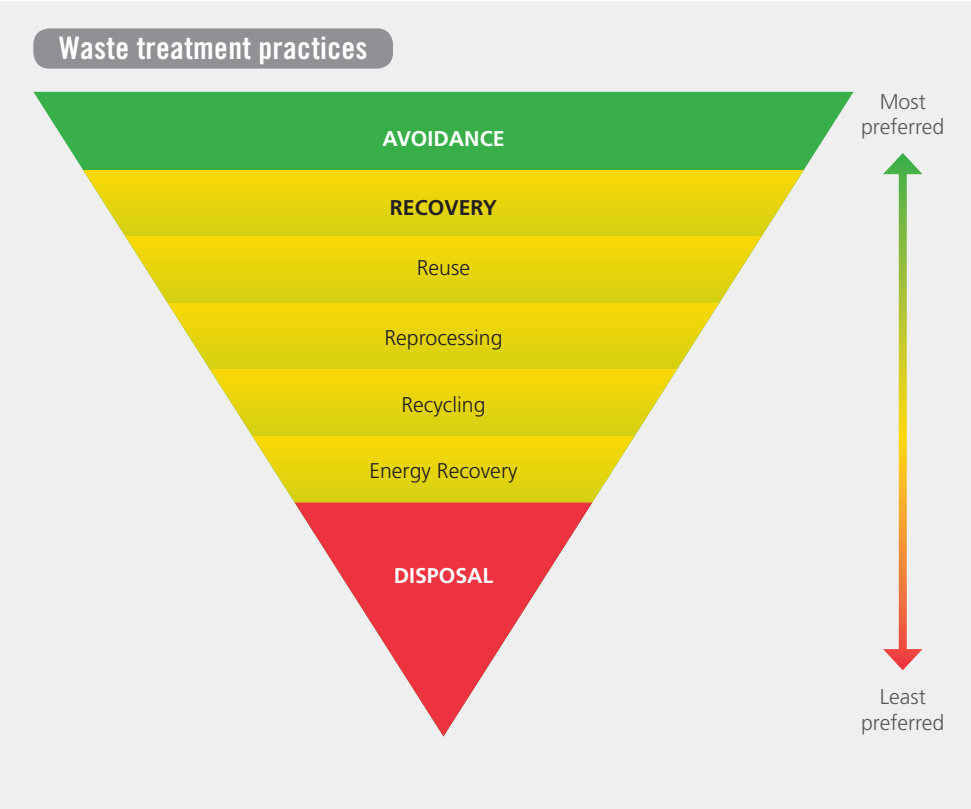
# OUR VISION FOR FOGO IN THE REGION

# OUR VISION FOR FOGO IN THE REGION

Traditionally a landfill operator, over the last 30 plus years the Eastern Metropolitan Regional Council (EMRC) has been transforming its waste management practices. In step with other leaders in the waste management industry, the EMRC has continually explored options to extend its waste treatment practices up the waste hierarchy, with the aim of recovering material where feasible rather than disposing of it to landfill and losing the embedded energy and value.

This has led to the development of innovative facilities and processes to recover those resources.

Key among these are the EMRC's Hazelmere Resource Recovery Park which houses WA's first mattress recycling facility and waste timber recycling facility, and where a wood waste to energy facility using waste timber and producing biochar and electricity to power its own and neighbouring facilities will commence operation in 2020.




Across the region is a series of community collection hubs, drop-off centres, transfer stations and collection points at shopping centres and Council offices (for batteries, mobile phones and fluorescent tubes) where householders can take reusable material that isn't collected in their normal household bins. Problem products such as e-waste and household hazardous waste (paints and chemicals) can be taken to Red Hill Waste Management Facility for free disposal under the Western Australian Local Government Association (WALGA) program funded by the WA Waste Authority.

Since 2002, the EMRC has undertaken a careful and considered exploration of resource recovery options to deal with the remaining household waste – the general waste stream that goes in the red lid bin. Our region generates approximately 130,000 tonnes of this waste annually. Reducing the amount of waste generated (avoidance) is clearly an important message to continue to push. To maximise materials recovery and deal with the household waste generated in line with the Waste Hierarchy, two solutions are now being progressed.

In 2018, the EMRC in conjunction with four of its member Councils, entered into an agreement with the Hitachi Zosen Inova (HZI) consortium for residual household waste to be processed at its waste to energy facility (W2E) in East Rockingham from 2022/2023.

Residual waste is defined as waste which remains following the application of better practice source separation and recycling systems. The State Waste Strategy 2030 now states that, from 2020, only residual waste can be accepted and processed by W2E facilities.

However, in the Circular Economy, whilst there is energy recovery, W2E is regarded as leakage. The challenge will be to ensure that, as far as possible, only residual waste goes to the HZI facility, and we will need the continued concerted efforts of all householders to diligently separate their waste at source if we are to achieve this. We will be working hard to make sure this message is communicated, received, and acted on.

That leads to our primary solution for materials recovery, which is the focus of this strategy. In 2019, the EMRC is commencing the journey towards the recovery of Food Organics and Garden Organics (FOGO) material. Of the 130,000 tonnes of general waste that our region produces annually, approximately 40% (55,000 tonnes) is food and organic waste. If each household can separate out this material very carefully to minimise contamination levels, this FOGO material can be efficiently and successfully reprocessed into compost and potentially biogas.

The EMRC sees FOGO collection and reprocessing as a key component of our future integrated waste management solution. In its focus on FOGO recovery, the EMRC is aligning closely with the State Waste Strategy 2030. The WA Waste Authority has identified eight headline strategies that it will be pursuing to support achievement of the State's targets for recovery of waste. Three of these headline strategies will directly support the EMRC's FOGO strategy:

- Three-bin kerbside collection system
- State-wide communications
- Provision of funding

**57%**

of all household waste is compostable

1

### Three-bin kerbside collection system

A consistent three-bin kerbside collection system, which includes separation of food organics and garden organics from other waste categories, which is to be provided by all local governments in the Perth and Peel region by 2025 and which will be supported by State Government through the application of financial mechanisms;

2

### State-wide communications

Development of state-wide communications to support consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours; and

3

### Provision of funding

Provision of funding to promote the recovery of more value and resources from waste with an emphasis on focus materials including organics.

**Best practice FOGO introduction requires consideration of nine important steps. These steps will be followed by the EMRC in its FOGO launch:**

1. Costed plan: Our task is to develop an implementation plan including a fully costed model accepted by Council
2. Early stage community engagement: Develop some early messaging about WHY
3. Design of service: Cost modelling of different service offerings to identify the optimum service delivery (informed by 2009, 2013 and 2019 bin audits)
4. Processing tender: Develop tender specifications, call for tenders and undergo tender evaluation to obtain the best practice, operating model, and value for processing contractor
5. Trial of service: Interim facility to identify and resolve issues with a view to minimising contamination, maximising participation and producing material for end market development
6. Preparation: Stage the rollout, prepare FAQs and risk management plan, prepare media and marketing plan, identify multi-unit dwelling (MUD) and rural property issues and management, stakeholder engagement plan
7. Communications and education plan: Centrally planned, design, staged community education and rollout. Establish a FOGO Educators Team, centralised at the EMRC in consultation with participating Councils
8. Service rollout: Coordinated rollout, caddy and literature delivery, bin delivery, commencement
9. Monitoring and evaluation: Contamination monitoring, education bin inspections, positive bin stickering, FOGO Educator Team supporting ongoing education, bin audits and reporting.

The EMRC will start the exploration of FOGO by conducting a FOGO processing interim facility in collaboration with the Town of Bassendean and the City of Bayswater. Processing equipment will be in place for the commencement of collections on 1 July 2020 or sooner for both Councils. The EMRC will use this period and the FOGO collection from both Bassendean and Bayswater at an 'interim facility' and will also undertake an extensive education program with the two member Councils, gather data, refine processes and explore marketing of the final composted product at the processing interim facility.

## Variables

It is envisaged that the FOGO interim facility will clarify a number of unknowns including:

- How clean the source material needs to be to ensure the compost can be produced to meet relevant Australian standards (AS-4454)? If we can meet AS-4454 this increases the market for the compost and supports economic viability of the solution;
- How can we maximise the participation of the householders so we capture all the eligible organics for recovery and minimise wastage?
- How easy it is for households to separate FOGO materials to the extent needed to provide a clean waste stream? Householders are used to separating waste into two bins. What messaging and support will be effective in achieving the additional effort needed? What monitoring of bins and bin content is needed and how frequently? Achieving very low rates of contamination is critical to the ability to meet AS-4454;
- Operated by EMRC staff, what are the processing challenges, controls and costs of using a Mobile Aerated Floor (MAF) system to produce AS-4454 compost from FOGO waste;
- What are the sustainable and most suitable markets for the end product, particularly with the volume of compost envisaged?

## Objectives

The objectives for the introduction of these two initiatives – FOGO and W2E are:

- To reduce the amount of waste going to landfill;
- To build capacity within the community to achieve behaviour change to support these initiatives;
- To support member Councils in preparing their Waste Plans;
- To achieve community participation to improve source separation and achieve clean waste streams;
- To ensure an Anaerobic Digestion (AD) facility and/or an appropriate composting operation is ready and available for when member Councils introduce a FOGO collection;
- To confirm that markets exist for the compost produced, to the level required to satisfy economic, environmental and sustainability criteria;
- To have a true residual waste stream for materials going to W2E facilities or landfill (i.e. waste which remains following the application of better practice source separation and recycling systems);
- To build community confidence that only waste going to the thermal W2E facility is residual waste that doesn't have a higher and better use;
- To source funding for initiatives to support source separation and waste reduction (e.g. WA Waste Authority, public/private partnerships);
- To maintain the status of the EMRC as an industry leader; and
- To achieve the State Waste Strategy targets for recovery.

## Principles

This FOGO strategy is based on the following principles:

- The FOGO strategy and implementation timeline will be developed in consultation with participating member Councils;
- An education and end product markets strategy will be developed;
- In consultation with member Councils, the EMRC will provide a team of up to six dedicated FOGO Educators, centrally engaged, trained, managed and coordinated by the EMRC on behalf of member and other participating Councils;
- A system with or without caddy bin liners will be investigated;
- A bin/caddy procurement process will be considered for interested Councils;
- The journey will start with an 18-month interim facility of FOGO processing using a MAF system;
- A tender process will be undertaken for the procurement of sustainable best practice, proven technology and operating options for the permanent FOGO facility;
- All participating Councils will agree to and sign a Participants (Heads of) Agreement, at a time to be determined; and
- The funding of bins, caddies and initial education/product marketing for member Councils will be funded through the Secondary Waste Reserve.

## Success

Our measures of success:

- ✓ Increased volumes of reportable material are being diverted from landfill and recovered from recycling systems;
- ✓ The State Waste Strategy recovery targets are being achieved;
- ✓ Waste reduction, recycling and source separation behaviours have been embraced by the community as a result of intensive/extensive FOGO education;.
- ✓ Clean waste streams are being achieved with very low contamination rates;
- ✓ High participation rates by householders (and potentially small/medium enterprises and commercial FOGO);
- ✓ Long-term FOGO processing solution is producing low-contamination, high quality saleable compost (AS-4454 compliant);
- ✓ Sufficient markets are available for the compost produced, and horticulture/viticulture/farming systems are benefiting from healthier soils;
- ✓ The community has confidence that the only waste going to the thermal W2E facility and landfills is residual waste; and
- ✓ Financial contribution is being obtained from external sources to support FOGO and waste education programs and initiatives.

PART
02

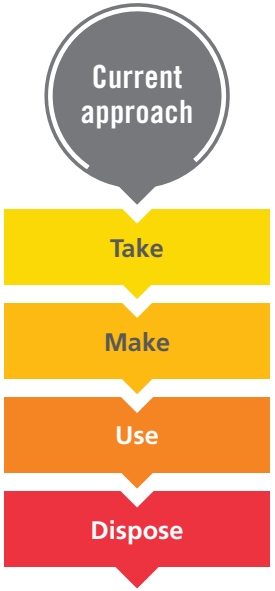
# ALIGNMENT WITH THE STATE WASTE STRATEGY TARGETS

# ALIGNMENT WITH THE STATE WASTE STRATEGY TARGETS

In February 2019 the WA Waste Authority released its new *Waste Avoidance and Resource Recovery Strategy 2030 and Action Plan*. The Waste Hierarchy is one of the guiding concepts in the strategy. Complementing the Waste Hierarchy is the concept of the Circular Economy which proposes a move away from the linear 'take, make, use and dispose' model to one which keeps materials circulating in the economy for as long as possible.

The EMRC Council passed the following resolution at its 21 March 2019 Ordinary Council Meeting:

> "That Council notes the release of the Western Australian Waste Avoidance and Resource Recovery Strategy 2030 and Action Plan and commits to aligning the EMRC waste practices where possible."



# Compost: Nature's Response to the Circular Economy

The two headline waste management initiatives the EMRC is pursuing – FOGO for all six member Councils and Waste to Energy by four member Councils– can both be considered as methods of recovery. For example, through the composting process, FOGO materials are reprocessed into a product that provides ongoing value in agriculture, landscaping, soil enhancement and land rehabilitation. If an anaerobic digestion process is used for FOGO materials, biogas or energy may also be produced.

Composting is in fact the ultimate example of the Circular Economy, explained by the Centre for Organic Research and Education as a cycle:

(Source: Centre for Organic Research and Education)

> "Food waste is reduced and reused and its nutrients recycled into fertiliser. By returning these nutrients back to the soil, rather than letting organic waste rot away in landfills we can feed diverse life in the soil. The bacteria, fungi, insects and worms in compost support healthy plant growth, which will help offset greenhouse gas emissions."

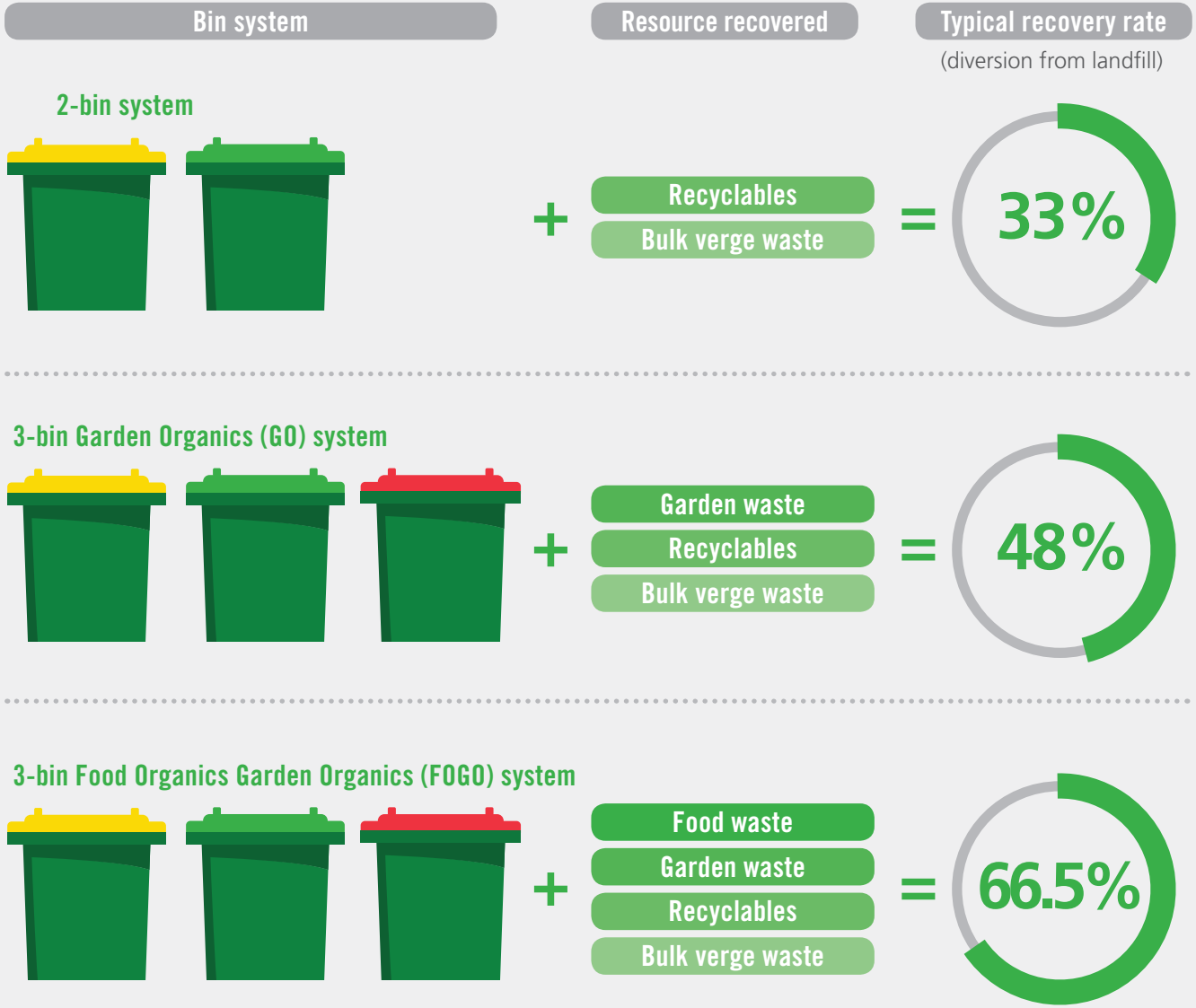
Some of the compost produced within the region from household organics may be made available to residents, enabling them to be active participants in a local circular waste economy.

In relation to the Waste Hierarchy, recovery through composting is preferred and regarded as a step above Waste to Energy. The State Waste Strategy identifies that only residual waste is to be used for energy recovery. In terms of the Circular Economy, compost produced from FOGO keeps the material in circulation with energy produced through an anaerobic digestion process being circular, while energy recovered through waste to energy processes is regarded as 'leakage' from the Circular Economy. Both initiatives however are above the Disposal option as set out in our State Waste Strategy:

The State Waste Strategy identifies implementation of FOGO systems as a priority, which it states will increase the recovery of material collected through kerbside services. Implementation of FOGO systems will be supported by State Government through the application of financial mechanisms to make it a cost competitive option for local governments. The Strategy also supports the development of local solutions and markets. This is what the EMRC is seeking to achieve with FOGO processing capacity at its Red Hill Waste Management Facility and the development of local markets for the product.

(Source: State WARR 2030 Strategy)

The WA Waste Authority has released a Position Statement on FOGO. This position statement confirms the Waste Authority's support for FOGO collection systems provided by local governments to households. The Position Statement states that four local governments in Western Australia have an established three-bin FOGO service, with several other local governments in the process of introducing the service. The recovery results achieved to date are very positive. The City of Bunbury's FOGO service achieves a kerbside recovery rate of about 65 per cent. The Cities of Melville and Fremantle and the Town of East Fremantle will have fully implemented FOGO collections by 2020, following a successful household FOGO trial in the City of Melville, which achieved a recovery rate of 66.5 per cent as shown in the graphic to the right.




(Source: WA Waste Authority Position Statement)

FOGO

## FOGO FACTS

FOGO collection systems present an opportunity to significantly increase material recovery rates.

FOGO comprises around half of the MSW* stream; however only about a quarter of that material is recovered.

*Municipal Solid Waste

PART
03

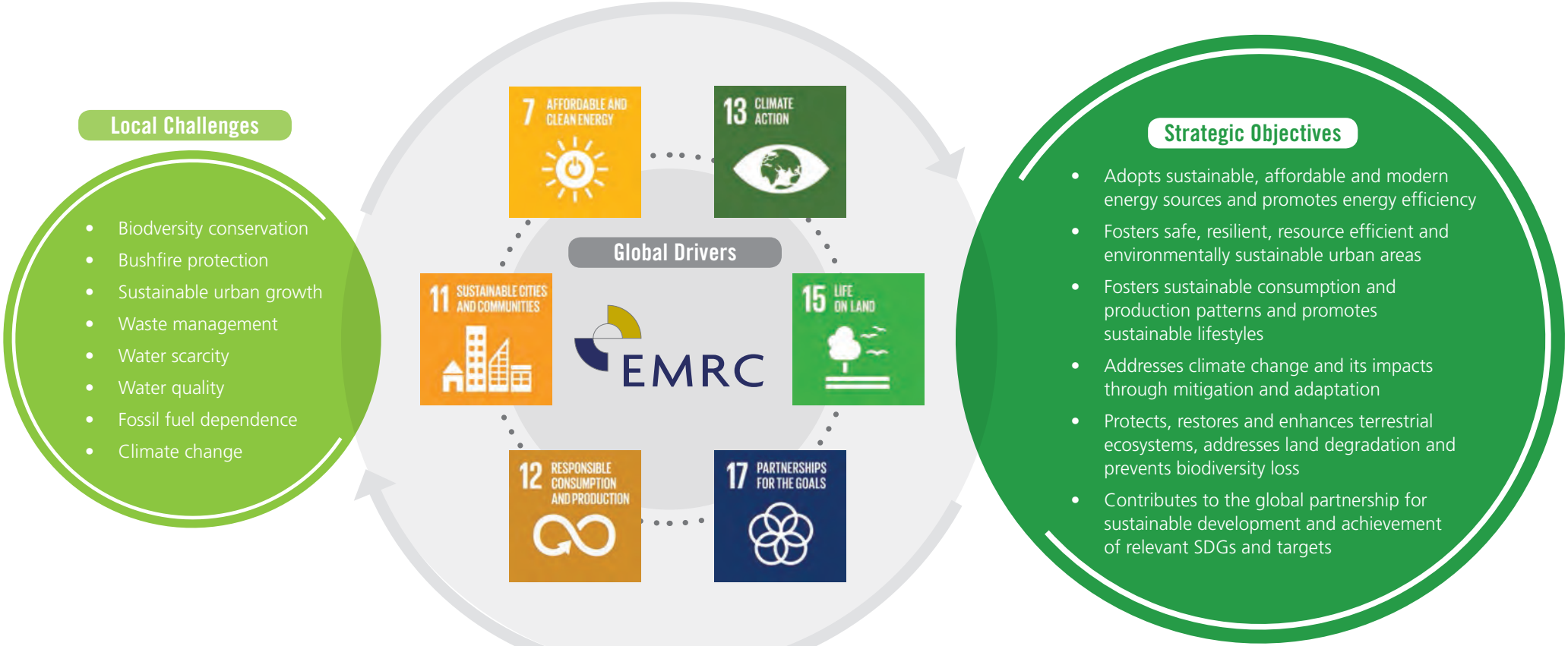
# ALIGNMENT WITH THE EMRC'S STRATEGIC GOALS

# ALIGNMENT WITH THE EMRC'S CORPORATE BUSINESS PLAN

The EMRC's aim for Key Result Area One (KRA1): Environmental Sustainability, in its Corporate Business Plan, is to provide best practice waste management services which are sustainable, efficient and meet the needs of the region. Further, the EMRC's waste position is that waste is a valuable resource that should be utilised in a sustainable and efficient way to meet the evolving needs of the region and protect the environment. Education to drive behaviour is critical to removing barriers to behaviour change.

# ALIGNMENT WITH THE EMRC'S REGIONAL ENVIRONMENTAL STRATEGY AND SUSTAINABLE DEVELOPMENT GOALS (SDG)

The EMRC's *Regional Environment Strategy 2016-2020* was developed using the global United Nations Sustainable Development Goals (SDG) framework. Governments worldwide including the Australian Government have agreed to these goals. SDGs are important globally, nationally and locally. It is planned to continue to embed the SDGs into the Regional Waste Management and FOGO Strategy. The EMRC found that in developing the *Regional Environment Strategy* eight of the challenges most important to the EMRC region aligned with seven of the global drivers (SDGs) and of these seven SDGs, six are relevant to waste management. Sustainable and effective waste management therefore directly contributes to achievement of six of the EMRC's strategic objectives for environmental management in the region. The following diagrams/tables show this interrelationship.



## 7 AFFORDABLE AND CLEAN ENERGY

**ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL.**

Potential outputs from processing FOGO materials could include Australian Standard and/or organic compost and biogas/renewable power.

### Relevant SDG targets

| | |
|---|---|
| **7.1** | By 2030, ensure universal access to affordable, reliable and modern energy services. |
| **7.2** | By 2030, increase substantially the share of renewable energy in the global energy mix. |
| **7.3** | By 2030, double the global rate of improvement in energy efficiency. |

## 11 SUSTAINABLE CITIES AND COMMUNITIES

**MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE.**

The introduction of FOGO collection and processing in the region adds substantially to the region's ability to achieve the State Waste Strategy targets for recovery and reprocessing of usable materials.

### Relevant SDG targets

| | |
|---|---|
| **11.6** | By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management. |
| **11.b** | By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels. |

## 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

**ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS.**

The impetus for this project, and the demonstrated need it is addressing is based on the guiding concept of the Circular Economy and keeping recoverable and reusable materials in circulation, including reduction of waste to landfill, recovery of FOGO materials, and production of AS4454 compost.

### Relevant SDG targets

| | |
|---|---|
| **12.2** | By 2030, achieve the sustainable management and efficient use of natural resources. |
| **12.7** | Promote public procurement practices that are sustainable, in accordance with national policies and priorities. |
| **12.8** | By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature. |

**13 CLIMATE ACTION**

**TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS*.**

* Acknowledging that the United Nations Framework Convention on Climate Change is the primary international, intergovernmental forum for negotiating the global response to climate change.

When disposed to landfill, anaerobic decay of organic waste produces methane gas (a greenhouse gas). Removing organic waste from material going to landfill reduces future production of greenhouses gases.

### Relevant SDG targets

| | |
|---|---|
| **13.1** | Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries. |
| **13.2** | Integrate climate change measures into national policies, strategies and planning. |
| **13.3** | Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning. |

**15 LIFE ON LAND**

**PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS.**

The cleaner the waste stream (i.e. very low contamination levels), the greater the potential for the compost produced to be used to protect and restore terrestrial ecosystems.

### Relevant SDG targets

| | |
|---|---|
| **15.1** | By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements. |
| **15.3** | By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world. |
| **15.5** | Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species. |
| **15.8** | By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species. |
| **15.9** | By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts. |

**17 PARTNERSHIPS FOR THE GOALS**

**STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALISE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT.**

The EMRC will seek to establish partnerships with Local Governments and other entities to attract additional FOGO tonnes (up to 45,000 tonnes per annum).

### Relevant SDG targets

| | |
|---|---|
| **17.14** | Enhance policy coherence for sustainable development. |
| **17.16** | Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilise and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries. |
| **17.17** | Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships. |

PART
04

# WHAT WE'RE DOING TO INTRODUCE FOGO IN THE REGION

# WHAT WE'RE DOING TO INTRODUCE FOGO IN THE REGION

The introduction of FOGO within the region commences with the interim facility of the much wider process of adoption region-wide. The introduction of FOGO will follow these nine steps:

# THE FOGO INTERIM FACILITY – STAGE ONE

## Objectives

The 18-month interim facility has seven key objectives, to:

1. Prove the effectiveness of the proposed Mobile Aerated Floor (MAF) FOGO processing technology and confirm the EMRC's capabilities;
2. Ensure that a marketable compost product can be produced to meet the Australian Standards (AS-4454);
3. Ensure there is a viable market for the compost, thereby confirming the financial and commercial viability of the FOGO strategy;
4. Create effective community education and communication that educates and activates community participation in source separation to achieve low levels of contamination and high levels of participation;
5. Produce communication/education collateral about 'Our FOGO Journey' that would be made available for use by any participating Local Government Authority (LGA) adopting our FOGO strategy;
6. Confirm that the introduction of FOGO collection and reprocessing results in a true residual waste stream; and
7. Divert waste from landfill.

# COMPONENTS OF THE FOGO JOURNEY

## Research and education

1. Development of a regional communication and community engagement program to build awareness and understanding of the region's move towards FOGO initially with the Town of Bassendean and the City of Bayswater. The EMRC will provide the EMRC FOGO Educators to work initially with both Councils but expand over time to all member Councils.
2. Implementation and testing of targeted communication/community education strategy in the Town of Bassendean and the City of Bayswater to educate residents about appropriate separation behaviour to reduce contamination. This activity is designed to produce as clean a FOGO stream as possible, enabling production of compost to meet AS-4454 and/or organic certification. Lessons learned about effective communication can be utilised to support the large-scale roll-outs of the FOGO system, expected to be around 1 July 2022.
3. Undertake pre- and post-interim facility surveys in the Town of Bassendean and the City of Bayswater to ascertain attitudes and behaviour change, and particularly to determine which messages and methods are most effective in creating awareness about the importance of avoiding contamination and undertaking source separation. The results would be shared with the State and other Local Government Associations (LGA's) introducing FOGO strategies.
4. Undertake a bin audit of all six member Councils' general waste bins to determine level of FOGO content. Undertake a follow-up bin audit six months later to capture the bin content data from two distinct seasons – summer and winter – and refer to previous audits within the EMRC member Councils and other WALGA FOGO audits.
5. Undertake comprehensive marketing and investigation with possible end users of the composted product from interim facility and evaluate the product.
6. Production of a final report that provides a quantitative analysis of results of the interim facility.

## Infrastructure

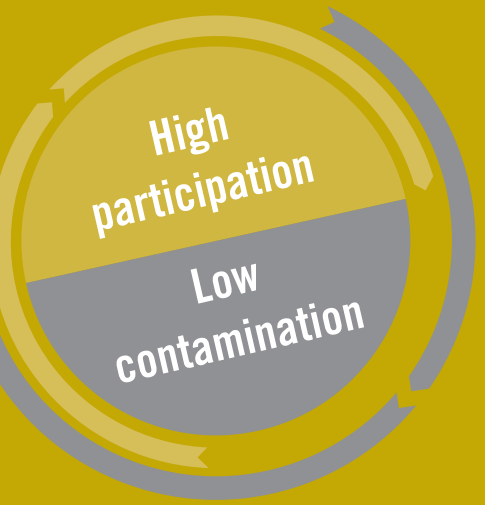
The processing interim facility at the Red Hill Waste Management Facility will utilise a Mobile Aerated Floor (MAF) composting system.

| | |
|---|---|
| Feb 2019 | State Waste Strategy released |
| Sept 2019 | FOGO Education program on avoidance and source separation commences |
| July 2020 | FOGO interim facility with Bassendean and Bayswater commences |
| July 2022 | Permanent FOGO facility commences operation |
| Jan 2023 | Residual waste to Waste to Energy facility at Rockingham |

## Timeline

The attached timeline covers all elements including: structure and timing for the interim facility, the long-term permanent FOGO solution, the education component, the bin/caddy procurement, and funding and cash flow.

- The interim facility will proceed in accordance with the Council resolution from its 21 March 2019 ordinary meeting.
- The education component will commence immediately for the Town of Bassendean and City of Bayswater in readiness for a 1 July 2020 commencement of FOGO collection from their third bin.
- The permanent facility will require a decision by Council at its December 2019 meeting to proceed to tender, with a view to commence the permanent facility by 1 July 2022.
- The procurement for bins and caddies will require a decision by Council to proceed to tender.




**Effectiveness of the FOGO solution rests on 'High participation; low contamination". This is a program we must work on together as a region, with consistent and coordinated communication, and close monitoring to build community commitment to source separation to achieve the lowest contamination rates possible and where recycled content is the norm rather than the exception.**

# THE PERMANENT (LARGE SCALE) FOGO SOLUTION – STAGE TWO

The long-term options for FOGO processing will be investigated concurrently with the FOGO processing interim facility. Research on options for the long-term processing facility will include:

- Facility inspections to review best practice operations in other parts of Australia;
- Ongoing monitoring and review of results from the interim facility;
- Review of technology;
- Evaluate and analyse the effectiveness of alternative FOGO pathways;
- Investigate operating models including Design Build, Operate and Maintain (DBOM) Contractor model, BOO, D&C, waste supply agreement and other models; and
- Undertake extensive procurement process in readiness for a 1 July 2022 start.

## In conclusion

While the EMRC will remain a best practice landfill operator serving Perth's Eastern Region and the wider metropolitan and peri-urban areas for the future, the State Waste Strategy 2030 states that by 2030 only 15% of material can be landfilled. This means the EMRC and its member Councils must continue to demonstrate leadership by actively exploring effective methods to recover waste, and to extend our operations further up the Waste Hierarchy. The primary strategy outlined in this document – FOGO recovery and processing – supported by treatment of residual waste through a proven and best practice waste to energy process, will ensure we reach the State's targets and meet the expectations of our communities while also operating sustainably.

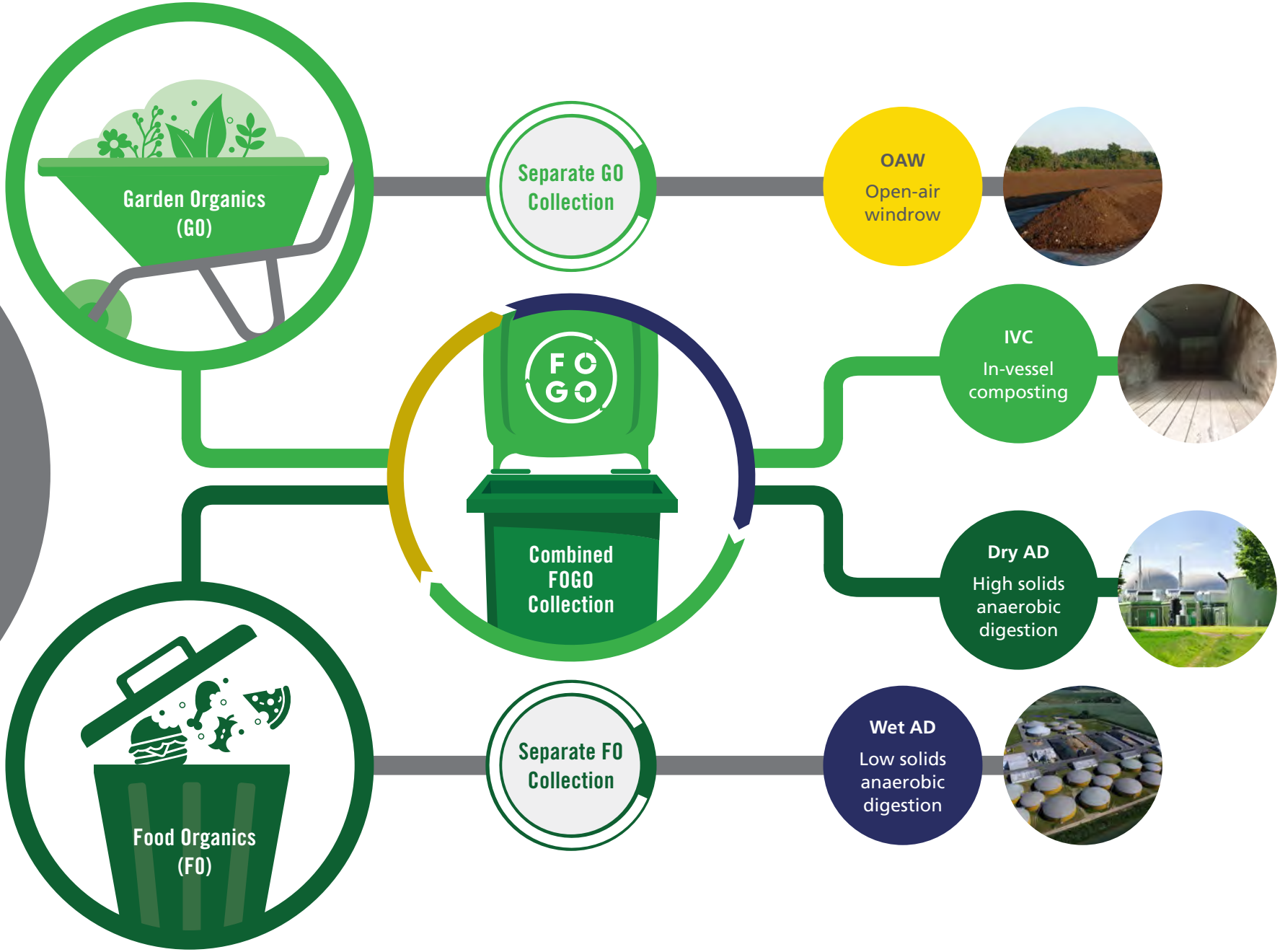
The EMRC's decision to establish a permanent FOGO processing facility provides the opportunity to offer a service to other local governments. Our proposed FOGO facility will have the capacity to process 100,000 tonnes of FOGO per year. The EMRC member Councils supply up to 55,000 tonnes annually, with the remaining 45,000 tonnes of capacity being offered on a fee for service basis to others.

Effectiveness of the FOGO solution rests on 'High participation; low contamination". This is a program we must work on together as a region, with consistent and coordinated communication, and close monitoring to build community awareness, engagement and commitment to source separation to achieve the lowest contamination rates possible, as well as changing purchasing behaviours that enables re-purposing and where recycled content is the norm rather than the exception.

The FOGO introduction and its comprehensive education effort is also an opportunity to address the wider messaging and understanding of ''separation at the source" systems. The how and what of the yellow lid dry recyclables bin can be integrated into the NEW WAY the EMRC member Councils intend to deal with waste avoidance and resource recovery.

This holistic approach to high participation and low contamination will be detailed in our NEW WAY EMRC education framework which is currently under development.

# Industrial Scale Processes, Commercial Model and Costing

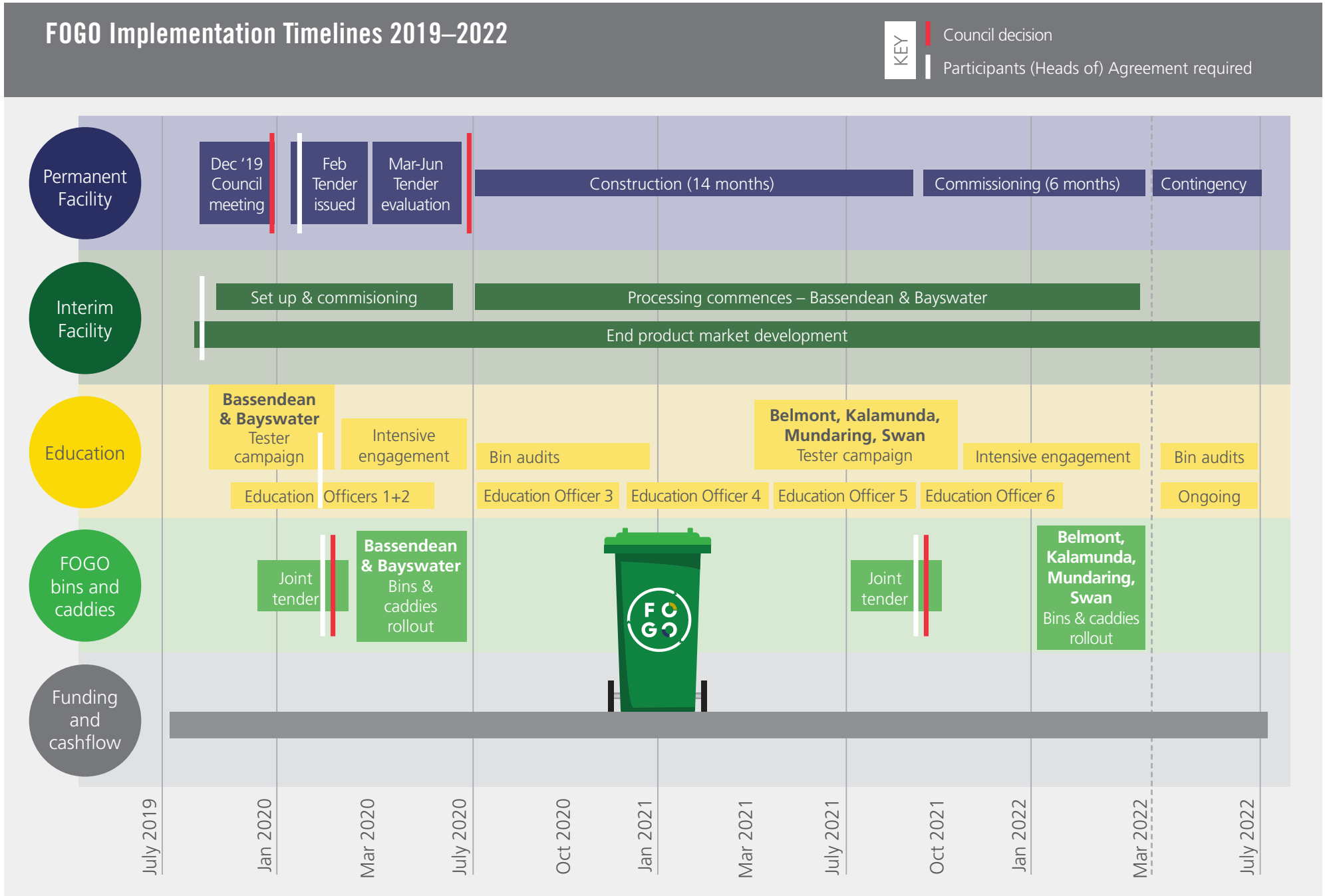


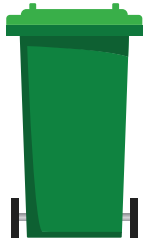
# APPENDIX ONE
# ACTION PLAN AND TIMELINE

## Indicative timeline for FOGO introduction across the region and key actions to be undertaken

| | Key activities | Indicative timing | Important individual components and key decision points |
|---|---|---|---|
| 1 | EMRC Council approval for the interim facility | March 2019 | Completed |
| 2 | Authority approvals for FOGO interim facility at Red Hill Waste Management Facility | Conclude by early November 2019 | • Licence amendment for interim facility area submitted 21 March 2019<br>• Prepare and lodge Section 45C amendment application for Lots 9,10 FOGO processing 28 July 2019<br>• Ongoing consultation<br>• DWER decision November 2019 |
| 3 | Infrastructure development for the interim facility | MAF commissioned by March 2020 | • RFT issued 13 July 2019<br>• Evaluation undertaken and recommendation prepared 21 August 2019<br>• Council approval September 2019<br>• Contract issued September 2019 and installation commences<br>• Procure caddies for Town of Bassendean and City of Bayswater<br>• MAF commissioning by March 2020<br>• Interim facility ready to commence 1 July 2020 and conclude when permanent facility operational<br>• Report on interim facility December 2020 and 2021 |
| 4 | Contract with City of Bayswater and the Town of Bassendean to process FOGO waste | By late November 2019 | • Under development and to commence deliveries of FOGO by 1 July 2020 |
| 5 | Face to face consultations with each member Council | Post October 2019, possibly as late as February 2020 | • At each member Council on a rotational basis and a further strategic forum at the EMRC in early 2020 |

| | Key activities | Indicative timing | Important individual components and key decision points |
|---|---|---|---|
| 6 | Research and community education – source separation and contamination management | Ongoing | • Pre-interim facility survey in Town of Bassendean and City of Bayswater to be undertaken<br>• Bin audit with all member Councils<br>• Commence with generic 'taster' information about what FOGO is from September 2019<br>• The EMRC will initially recruit two (2) EMRC FOGO Educators, with plans to recruit up to 6 to cater for the needs of all member Councils<br>• Run intensive communication/education campaign for all member Councils<br>• Bin tagging undertaken in July 2020<br>• Second bin audit to be undertaken if required<br>• Additional bin tagging undertaken (ongoing where required) |
| 7 | Development and assessment of markets for compost | Commencing August 2019 (ongoing) | • Product certification<br>• Conduct field trials across the agriculture sector<br>• Research markets; test feasibility<br>• Model transport costs |
| 8 | Determine permanent FOGO solution for the region | Facility operational by 1 July 2022 | • FOGO facility inspections and report on findings 28 November 2019<br>• Research project undertaken on effectiveness of alternative FOGO pathways completed March 2020<br>• Identify additional FOGO tonnes from Local Governments and other sources (up to 40,000 tonnes per annum), via a Participation FOGO Supply Agreement<br>• Prepare RFT documents January 2020<br>• Issue RFT March 2020<br>• Finalise tender evaluation May 2020 including ownership, technology and value for money options matrix<br>• Council decision June 2020<br>• Contract finalised 30 June 2020<br>• Construction and commissioning completed March 2022<br>• Joint tender for procurement of bins and caddies for remaining four member Councils December 2021<br>• Facility ready for operation - April 2022<br>• Contingency allowance of 3 months - opening 1 July 2022 |
| 9 | Authority approvals for permanent FOGO solution | Lodge June 2020 to December 2020 | • Works approval and referral to DWER June 2020<br>• Approvals received December 2020 |
| 10 | Member Council FOGO implementation | All Councils participating on or before 1 July 2022 | • Town of Bassendean 1 July 2020<br>• City of Bayswater 1 July 2020<br>• City of Swan by 1 July 2022<br>• City of Belmont by 1 July 2022<br>• City of Kalamunda by 1 July 2022 (to supply commissioning volumes)<br>• Shire of Mundaring by 1 July 2022 |


FOGO Implementation Timelines 2019–2022
KEY
Council decision
Participants (Heads of) Agreement required
Permanent Facility
Dec '19 Council meeting
Feb Tender issued
Mar-Jun Tender evaluation
Construction (14 months)
Commissioning (6 months)
Contingency
Interim Facility
Set up & commisioning
Processing commences – Bassendean & Bayswater
End product market development
Education
Bassendean & Bayswater Tester campaign
Intensive engagement
Bin audits
Belmont, Kalamunda, Mundaring, Swan Tester campaign
Intensive engagement
Bin audits
Education Officers 1+2
Education Officer 3
Education Officer 4
Education Officer 5
Education Officer 6
Ongoing
FOGO bins and caddies
Joint tender
Bassendean & Bayswater Bins & caddies rollout
FOGO
Joint tender
Belmont, Kalamunda, Mundaring, Swan Bins & caddies rollout
Funding and cashflow
July 2019
Jan 2020
Mar 2020
July 2020
Oct 2020
Jan 2021
Mar 2021
July 2021
Oct 2021
Jan 2022
Mar 2022
July 2022



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## 14.5 ITEMS CONTAINED IN THE INFORMATION BULLETIN

**REFERENCE: D2019/13742**

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

**1 CORPORATE SERVICES**

1.1 REGISTER OF COUNCIL RESOLUTIONS (Ref: D2018/12290)

1.2 CEO EXERCISE OF DELEGATED POWERS AND DUTIES (Ref: D2018/13777)

**2 WASTE MANAGEMENT SERVICES**

2.2 COUNCIL TONNAGE COMPARISONS AS AT 31 JULY 2019 (Ref: D2018/12290)

**RECOMMENDATION(S)**

That Council notes the items contained in the Information Bulletin accompanying the 19 September 2019 Ordinary Meeting of Council Agenda.

**COUNCIL RESOLUTION(S)**

MOVED CR WOLFF SECONDED CR STALLARD

THAT COUNCIL NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 19 SEPTEMBER 2019 ORDINARY MEETING OF COUNCIL AGENDA.

**CARRIED UNANIMOUSLY**

# INFORMATION BULLETIN

Accompanying the
Ordinary Meeting of Council

19 September 2019

# COUNCIL INFORMATION BULLETIN

**19 September 2019**

**(REF: D2019/13742)**

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**1 CORPORATE SERVICES** **1**

1.1 REGISTER OF COUNCIL RESOLUTIONS (Ref: D2019/13750) **1**

1.2 CEO EXERCISE OF DELEGATED POWERS AND DUTIES (Ref: D2019/13777) **19**

**2 WASTE SERVICES** **22**

2.1 COUNCIL TONNAGE COMPARISONS AS AT 31 JULY 2019 (Ref: D2019/13747) **22**

# 1 CORPORATE SERVICES

## 1.1 REGISTER OF COUNCIL RESOLUTIONS 2019

**REFERENCE: D2019/13750**

### PURPOSE OF REPORT

The purpose of this report is to present to Council a list of Council resolutions for the calendar year and update Council on their progress.

### KEY POINT(S)

- Historical review of Council's decisions throughout a calendar year.
- Enable current and new Councillor's to review previous decisions made.

### SOURCE OF REPORT

Director Corporate Services

### BACKGROUND

One of the characteristics often associated with transparency in local government is to keep Council and members of the public informed. This can be achieved by providing knowledge regarding Council resolutions in a useful manner and readily accessible manner. As a local government, the EMRC will actively seek methods to do its business in a transparent and accountable manner where everyone can see what is happening.

With this in mind, the EMRC seeks to build the faith of its stakeholders and build trust with those we serve in the community.

### REPORT

The attachment provides a list of Council resolutions made during the calendar year to improve transparency and accountability. It is intended that the register is reported back to Council at each ordinary meeting of Council going forward.

### STRATEGIC/POLICY IMPLICATIONS

Key Result Area 3 - Good Governance

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

### FINANCIAL IMPLICATIONS

As reported.

### SUSTAINABILITY IMPLICATIONS

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

*Item 1.1 continued*

**MEMBER COUNCIL IMPLICATIONS**

| Member Council | Implication Details |
|---|---|
| Town of Bassendean | As reported |
| City of Bayswater | |
| City of Belmont | |
| City of Kalamunda | |
| Shire of Mundaring | |
| City of Swan | |

ATTACHMENT(S)

Register of Council Resolutions 2019 (D2019/13783)

# COUNCIL RESOLUTIONS REGISTER 2019

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 1. | 21 FEBRUARY 2019 | **11.1 PROPOSED REGIONAL SERVICES CONSULTING RATES AND MISCELLANEOUS ADMINISTRATION FEES AND CHARGES FOR 2019/2020 (D2019/01224 (CEOAC) – D2019/02776)**<br>1. THE PROPOSED 2019/2020 REGIONAL SERVICES CONSULTING RATES AND STEAM WEEDER HIRE CHARGES AND THE EMRC'S ADMINISTRATION FEES AND CHARGES, FORMING ATTACHMENT 1 AND 2 TO THIS REPORT, BE UTILISED IN DEVELOPING THE DRAFT 2019/2020 BUDGET.<br>2. FUTURE REPORTS ON CONSULTING RATES ARE INCLUDED IN THE EMRC'S BUDGET PROCESS, UNLESS THERE IS A SIGNIFICANT CHANGE IN DIRECTION FOR CONSULTING SERVICE, WHICH THEN REQUIRES CEOAC ADVICE. | **COMPLETE** |
| 2. | 21 FEBRUARY 2019 | **19.1 UPDATE ON THE REVIEW OF THE ESTABLISHMENT AGREEMENT OF THE EMRC (D2019/01570 (CEOAC) – D2019/02257)**<br>1. NOT PURSUE ANY CHANGES TO THE ESTABLISHMENT AGREEMENT AT THIS TIME; AND<br>2. NOTES THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE HAS WITHDRAWN THE INITIAL DRAFT RESPONSES TO THE JULY 2018 WORKSHOP QUESTIONS TO ALLOW FURTHER TIME FOR THE COMMITTEE TO GIVE FURTHER CONSIDERATIONS TO THE RESPONSES DURING MARCH 2019. | **ONGOING** |
| 3. | 21 FEBRUARY 2019 | **14.1 REVIEW OF THE MANAGEMENT OF INVESTMENT POLICY (D2018/17029 (IC) – D2019/02706)**<br>1. COUNCIL ADOPTS THE INVESTMENT STRATEGY OF INVESTING WITH FINANCIAL INSTITUTIONS THAT DO NOT INVEST IN OR FINANCE THE FOSSIL FUEL INDUSTRY, AS LONG AS:<br>a. THE INVESTMENT IS COMPLIANT WITH COUNCIL'S EXISTING APPROACH TO RISK MANAGEMENT; AND<br>b. THE INVESTMENT RATE OF INTEREST IS FAVOURABLE TO OTHER SIMILAR INVESTMENTS THAT MAY BE ON OFFER AT THE TIME OF INVESTMENT.<br>2. THE REVISED EMRC POLICY 3.3 MANAGEMENT OF INVESTMENTS FORMING ATTACHMENT 3 TO THIS REPORT BE ADOPTED BY COUNCIL. | **COMPLETE** |
| 4. | 21 FEBRUARY 2019 | **14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF NOVEMBER AND DECEMBER 2018 (D2019/00722)**<br>THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR NOVEMBER AND DECEMBER 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 $20,392,784.79. | **NOTED** |
| 5. | 21 FEBRUARY 2019 | **14.2 FINANCIAL REPORT FOR PERIOD ENDED 30 NOVEMBER 2018 (D2019/00723)**<br>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 2018. | **COMPLETE** |
| 6. | 21 FEBRUARY 2019 | **14.3 FINANCIAL REPORT FOR PERIOD ENDED 31 DECEMBER 2018 (D2019/02507)**<br>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 2018.. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 7. | 21 FEBRUARY 2019 | **14.4 REVIEW OF DELEGATED POWERS AND DUTIES (D2019/00720)**<br>THAT COUNCIL RE-AFFIRMS THE DELEGATED POWERS AND DUTIES AS LISTED IN THE REPORT | **NOTED** |
| 8. | 21 FEBRUARY 2019 | **14.5 COMMITTEE MEMBERSHIP – CHANGE OF MEMBER (D2019/02046)**<br>1. IN ACCORDANCE WITH SECTION 5.11(2)(B) OF THE *LOCAL GOVERNMENT ACT 1995*, CANCEL THE APPOINTMENT OF THE DIRECTOR TECHNICAL SERVICES, FROM THE CITY OF BELMONT AS A MEMBER TO THE TECHNICAL ADVISORY COMMITTEE AND RESOURCE RECOVERY COMMITTEE.<br>2. IN ACCORDANCE WITH SECTION 5.10 OF THE *LOCAL GOVERNMENT ACT 1995* APPOINTS THE DIRECTOR INFRASTRUCTURE SERVICES, CITY OF BELMONT, AS A MEMBER ON THE TECHNICAL ADVISORY COMMITTEE AND RESOURCE RECOVERY COMMITTEE. | **COMPLETE** |
| 9. | 21 FEBRUARY 2019 | **19.2 DRAFT MEMORANDUM OF UNDERSTANDING – RENEWABLE ENERGY POWER PURCHASE AGREEMENT (D2019/01444 (TAC) – D2019/02170)**<br>1. COUNCIL APPROVES IN PRINCIPLE THE DEVELOPMENT OF A DRAFT MEMORANDUM OF UNDERSTANDING BETWEEN THE EMRC, THE RRF PARTICIPATING MEMBER COUNCILS AND HITACHI ZOSEN INOVA (HZI) CONSORTIUM FOR THE SUPPLY OF RENEWABLE ENERGY FROM THE EAST ROCKINGHAM RESOURCE RECOVERY FACILITY.<br>2. THE REPORT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO. | **IN PROGRESS** |
| 10. | 21 FEBRUARY 2019 | **19.3 RESOURCE RECOVERY FACILITY UPDATE (D2019/01428 (TAC) – D2019/02171)**<br>1. COUNCIL NOTES THE CONTRACTOR'S ADVICE THAT FINANCIAL CLOSE FOR THE EAST ROCKINGHAM RESOURCE RECOVERY FACILITY (RRF) PROJECT MAY NOT BE REACHED BY 14 MARCH 2019 AS SPECIFIED IN THE WASTE SUPPLY AGREEMENT.<br>2. COUNCIL GRANTS AN EXTENSION OF TIME FOR THE CONTRACTOR TO ACHIEVE FINANCIAL CLOSE UNTIL 30 JUNE 2019.<br>3. COUNCIL AUTHORISES THE CEO TO GRANT FURTHER EXTENSIONS OF TIME TO THE CONTRACTOR FOR FINANCIAL CLOSE AS REQUIRED.<br>4. THE REPORT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO. | **COMPLETE**<br><br>**NOT UTILISED** |
| 11. | 21 FEBRUARY 2019 | **19.4 LIQUID WASTE PROJECT, RED HILL WASTE MANAGEMENT FACILITY (D2019/01562 (TAC) – D2019/02172)**<br>THAT COUNCIL DEFER THE ITEM TO A FUTURE COUNCIL MEETING AND REQUEST THE CEO HOLD A BRIEFING SESSION TO INTERESTED COUNCILLORS. | **COMPLETE** |
| 12. | 21 FEBRUARY 2019 | **11.1 2019 AUSTRALIAN LANDFILL AND TRANSFER STATIONS CONFERENCE (D2019/01555 (TAC) – D2019/02833)**<br>THAT COUNCILLOR(S) LAVELL BE REGISTERED TO ATTEND THE 2019 AUSTRALIAN LANDFILL & TRANSFER STATIONS CONFERENCE BEING HELD IN BRISBANE FROM 26 TO 29 MARCH 2019. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 13. | 21 FEBRUARY 2019 | **11.1 TENDER 2018-006 SUPPLY OF ALTERNATIVE DAILY COVER (D2019/01065 (TAC) – D20189/02821)**<br>THAT<br>1. COUNCIL AWARD TENDER 2018-006 TO ODOUR CONTROL SYSTEMS INTERNATIONAL (AUSTRALIA) LIMITED FOR THE PERIOD 1 MARCH 2019 TO 28 FEBRUARY 2022 IN ACCORDANCE WITH THEIR SUBMITTED PRICE SCHEDULE ATTACHED TO THIS REPORT WITH AN OPTION OF TWO (2) SINGLE YEAR EXTENSIONS, EXERCISABLE BY THE CEO SUBJECT TO SATISFACTORY PERFORMANCE.<br>2. THE CONTRACT RATES FOR TENDER 2018-006 BE ADJUSTED ANNUALLY USING THE CONSUMER PRICE INDEX FOR PERTH FOR THE PREVIOUS TWELVE MONTHS. | **AWARDED** |
| 14. | 21 FEBRUARY 2019 | **11.2 TENDER 2018-011 PROVISION OF LATERITIC CAPROCK QUARRYING SERVICE (D2019/01211 (TAC) – D2019/11342)**<br>THAT<br>1. COUNCIL AWARD TENDER 2018-011 PROVISION OF LATERITIC CAPROCK QUARRYING SERVICE TO B&J CATALANO PTY LTD AT THE LISTED RATES FORMING THE ATTACHMENT TO THIS REPORT, FOR THE PERIOD 1 MARCH 2019 TO 28 FEBRUARY 2021, WITH AN OPTION FOR TWO (2) SINGLE YEAR EXTENSIONS, EXERCISABLE BY THE CEO SUBJECT TO SATISFACTORY PERFORMANCE.<br>2. THE CEO BE AUTHORISED TO ENTER INTO A CONTRACT WITH B&J CATALANO PTY LTD IN ACCORDANCE WITH THEIR SUBMITTED TENDER, SUBJECT TO ANY MINOR VARIATIONS THAT MAY BE AGREED ON BETWEEN THE CEO AND B&J CATALANO PTY LTD.<br>3. THE CONTRACT RATES FOR TENDER 2018-011 PROVISION OF LATERITIC CAPROCK QUARRYING SERVICE ARE ADJUSTED ANNUALLY AT EACH ANNIVERSARY OF THE CONTRACT BASED ON THE CONSUMER PRICE INDEX FOR PERTH OVER THE PREVIOUS TWELVE MONTHS. | **AWARDED**<br>**COMPLETE** |
| 15. | 21 FEBRUARY 2019 | **11.3 HAZELMERE WOODWASTE TO ENERGY PLANT, SUPERINTENDENT ROLE (D2019/01574 (TAC) – D2019/02825)**<br>THAT<br>1. COUNCIL ACKNOWLEDGES THAT BECAUSE OF MONADELPHOUS ENGINEERING ASSOCIATES PTY LTD EXISTING INVOLVEMENT AND EXPERIENCE, IT HAS GOOD REASON TO BELIEVE THERE IS UNLIKELY TO BE ANY OTHER SUPPLIER WHO CAN PROVIDE A SIMILAR VALUE FOR MONEY OUTCOME TO COMPLETE THE REQUIREMENTS OF THE CONTRACT SUPERINTENDENT FOR THE HAZELMERE WOOD WASTE TO ENERGY PROJECT.<br>2. NOTES THE EXPENDITURE OF CONSULTING FEES TO THE VALUE INDICATED IN THE REPORT, REQUIRED TO COMPLETE THE SUPERINTENDING OF THE CONTRACT BY MONADELPHOUS ENGINEERING ASSOCIATES PTY LTD, TO BE FUNDED FROM THE SECONDARY WASTE RESERVE. | **NOTED** |
| 16. | 21 FEBRUARY 2019 | 11.4 **TENDER 2018-003 HAZELMERE RESOURCE RECOVERY PARK WEIGHBRIDGE UPGRADE (D2019/02350 (TAC) – D2019/02826)**<br>THAT<br>1. COUNCIL ENDORSES THE AWARD OF TENDER 2018-003 FOR HAZELMERE RESOURCE RECOVERY PARK WEIGHBRIDGE UPGRADE TO ACCUCORP PTY LTD T/A ACCUWEIGH PTY LTD FOR THE SUM OF $370,445 (EX GST).<br>2. COUNCIL ENDORSES THE OFFER FROM ACCUCORP PTY LTD T/A ACCUWEIGH PTY LTD TO UNDERTAKE WEIGHBRIDGE MAINTENANCE AND CALIBRATION SERVICES FOR TWO (2) YEARS FOR THE SUM OF $10,190 (EX GST).<br>3. COUNCIL ENDORSES THE SUPPLY OF SPARE PARTS AS PER THE PRICE SCHEDULE ATTACHED TO THIS REPORT.<br>4. COUNCIL AUTHORISE A 15% CONTINGENCY ON THE CONTRACT SUM FOR CONTRACT VARIATIONS FOR TENDER 2018- 003. | **AWARDED** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 17. | 21 MARCH 2019 | **11.1 HALF YEAR BUDGET REVIEW 2018/2019 (D2019/03161 (AC) – D2019/04150)**<br>THAT COUNCIL, BY AN ABSOLUTE MAJORITY IN ACCORDANCE WITH THE PROVISIONS OF THE *LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996* R.33A, ADOPTS THE REVIEW OF THE 2018/2019 BUDGET AND APPROVES ITS SUBMISSION TO THE DEPARTMENT OF LOCAL GOVERNMENT, SPORT AND CULTURAL INDUSTRIES WITHIN 30 DAYS. | **COMPLETE** |
| 18. | 21 MARCH 2019 | **11.2 COMPLIANCE AUDIT RETURN 2018 (D2019/03162 (AC) – D2019/04151)**<br>THAT COUNCIL ADOPTS THE DRAFT COMPLIANCE AUDIT RETURN 2018, FORMING AN ATTACHMENT TO THIS REPORT, THAT IT BE CERTIFIED BY THE CHAIRMAN AND CHIEF EXECUTIVE OFFICER AND SUBMITTED TO THE DEPARTMENT OF LOCAL GOVERNMENT, SPORT AND CULTURAL INDUSTRIES BY 31 MARCH 2019. | **COMPLETE** |
| 19. | 21 MARCH 2019 | **19.1 UPDATE ON THE REVIEW OF THE ESTABLISHMENT AGREEMENT OF THE EMRC (D2019/03943)**<br>THAT COUNCIL NOTES THE RESPONSES PROVIDED BY THE CEOAC IN RELATION TO THE QUESTIONS RAISED AT THE 19 JULY 2018 WORKSHOP. | **NOTED** |
| 20. | 21 MARCH 2019 | **19.2 LIQUID WASTE PROJECT, RED HILL WASTE MANAGEMENT FACILITY (D2019/04021)**<br>THAT<br>1. THE BUSINESS PLAN FOR THE PROPOSED LIQUID WASTE PROJECT AT THE RED HILL WASTE MANAGEMENT FACILITY ATTACHED TO THIS REPORT BE ENDORSED.<br>2. COUNCIL ACKNOWLEDGE THAT THE LIQUID WASTE PROJECT IS A CONTINUING PROJECT AND SERVICE UNDER THE EMRC ESTABLISHMENT AGREEMENT.<br>3. IN THE FIRST STAGE OF THE PROJECT, ACCEPTANCE OF LIQUID WASTES WILL BE RESTRICTED TO CATEGORIES CLASSIFIED AS NON-DANGEROUS GOODS IN ACCORDANCE WITH THE AUSTRALIAN DANGEROUS GOODS CODE.<br>4. ANY FURTHER STAGES OF THE PROJECT WILL COME BACK TO COUNCIL FOR FURTHER ENDORSEMENT.<br>5. THE REPORT AND ATTACHMENT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO. | **IN PROGRESS** |
| 21. | 21 MARCH 2019 | **19.3 CHIEF EXECUTIVE OFFICER RECRUITMENT- POSITION DESCRIPTION, REMUNERATION PACKAGE AND ADVERTISING PROCESS (DD2019/03959)**<br>THAT<br>1. COUNCIL ENDORSE THE DRAFT POSITION DESCRIPTION FOR THE POSITION OF CHIEF EXECUTIVE OFFICER FORMING ATTACHMENT 1 OF THIS REPORT.<br>2. COUNCIL APPROVE THE TOTAL REWARD PACKAGE FOR THE CHIEF EXECUTIVE OFFICER POSITION BEING SET IN THE RANGE OF $260,000 TO $300,000 PER ANNUM.<br>3. COUNCIL ENDORSE THE DRAFT ADVERTISEMENT FOR THE CHIEF EXECUTIVE OFFICER POSITION FORMING ATTACHMENT 2 OF THIS REPORT.<br>4. COUNCIL NOTE THE DRAFT ADVERTISEMENT FOR THE POSITION OF CHIEF EXECUTIVE OFFICER WILL BE PLACED IN THE 'WEST AUSTRALIAN' NEWSPAPER, AND OTHER MEDIA WITH APPLICATIONS FOR THE ROLE CLOSING ON MONDAY 22 APRIL 2019 AT 5.00PM WST.<br>5. THE REPORT AND ATTACHMENT 3 REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND DEPUTY CHAIRMAN. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 22. | 21 MARCH 2019 | **14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF JANUARY AND FEBRUARY 2019 (D2019/03380)**<br>THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR JANUARY AND FEBRUARY 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 $23,006,488.29 | **NOTED** |
| 23. | 21 MARCH 2019 | **14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 JANUARY 2019 (D2019/02874)**<br>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 JANUARY 2019. | **COMPLETE** |
| 24. | 21 MARCH 2019 | **14.3 MAKING OF THE EASTERN METROPOLITAN REGIONAL COUNCIL WASTE LOCAL LAW 2019 (D2019/04029)**<br>1. COUNCIL ADVERTISES THE PROPOSED *EASTERN METROPOLITAN REGIONAL COUNCIL WASTE MANAGEMENT FACILITIES LOCAL LAW 2019*, FORMING ATTACHMENT 1 TO THIS REPORT.<br>2. COUNCIL REQUESTS THE CHIEF EXECUTIVE OFFICER FORWARD A COPY OF THE PROPOSED *EASTERN METROPOLITAN REGIONAL COUNCIL WASTE MANAGEMENT FACILITIES LOCAL LAW 2019* TO THE MINISTER FOR LOCAL GOVERNMENT, SPORT AND CULTURAL INDUSTRIES AND DIRECTOR GENERAL OF THE DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION.<br>**3.** THE CHIEF EXECUTIVE OFFICER PREPARE A FURTHER REPORT AT THE CONCLUSION OF THE PUBLIC ADVERTISING PERIOD TO ENABLE THE COUNCIL TO CONSIDER ANY SUBMISSIONS MADE. | **IN PROGRESS** |
| 25. | 21 MARCH 2019 | **14.4 WASTE ADVISORY GROUP COMMITTEE (D2019/03379)**<br>THAT COUNCIL<br>1. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.8 OF THE *LOCAL GOVERNMENT ACT 1995* ESTABLISHES A WASTE ADVISORY COMMITTEE, WITH TERMS OF REFERENCE AS CONTAINED WITHIN THE ATTACHMENT OF THIS REPORT.<br>2. DISBAND THE TECHNICAL ADVISORY COMMITTEE AND THE RESOURCE RECOVERY COMMITTEE.<br>3. ADOPTS THE WASTE ADVISORY COMMITTEE MEETING DATES, TIMES AND PLACES FOR THE REST OF 2019 CALENDAR YEAR AS OUTLINED IN THE REPORT. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 26. | 21 MARCH 2019 | **14.5 APPOINTMENT OF MEMBERS TO THE WASTE ADVISORY COMMITTEE (D2019/03849)**<br>THAT BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 5.10 OF THE *LOCAL GOVERNMENT ACT 1995*:<br>1. THE FOLLOWING COUNCILLORS AND OFFICERS BE APPOINTED TO THE WASTE ADVISORY COMMITTEE:<br>PARTICIPANT LOCAL GOVERNMENT / COUNCILLOR MEMBER / OFFICER MEMBER<br>TOWN OF BASSENDEAN / CR MYKYTIUK / DIRECTOR OPERATIONAL SERVICES<br>CITY OF BAYSWATER / CR MCKENNA / DIRECTOR WORKS AND INFRASTRUCTURE<br>CITY OF BELMONT / CR WOLFF / DIRECTOR INFRASTRUCTURE SERVICES<br>CITY OF KALAMUNDA / CR O'CONNOR / DIRECTOR ASSET SERVICES<br>SHIRE OF MUNDARING / CR LAVELL / DIRECTOR INFRASTRUCTURE SERVICES<br>CITY OF SWAN / CR MCDONNELL / EXECUTIVE MANAGER OPERATIONS<br>EMRC / CHIEF EXECUTIVE OFFICER<br>2. THE FOLLOWING COUNCILLORS AND OFFICERS BE APPOINTED AS DEPUTY MEMBERS TO THE RESOURCE RECOVERY COMMITTEE:<br>PARTICIPANT LOCAL GOVERNMENT / DEPUTY COUNCILLOR MEMBER / DEPUTY OFFICER MEMBER<br>TOWN OF BASSENDEAN / CR WILSON / MANAGER ASSET SERVICES<br>CITY OF BAYSWATER / CR PALMER / MANAGER ENVIRONMENTAL HEALTH SERVICES<br>CITY OF BELMONT / CR POWELL / MANAGER WORKS<br>CITY OF KALAMUNDA / CR STALLARD / MANAGER ASSET & WASTE OPERATIONS<br>SHIRE OF MUNDARING / CR DAW / MANAGER DESIGN SERVICES<br>CITY OF SWAN / CR KOVALEVS / MANAGER FLEET & WASTE SERVICES | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
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| 27. | 21 MARCH 2019 | **14.6 REVIEW OF THE MEETING AGENDA / MINUTES – CONFIDENTIAL ITEMS POLICY (D2019/03460)**<br>THAT THE REVISED EMRC POLICY 1.5 MEETING AGENDA / MINUTES – CONFIDENTIAL ITEMS POLICY FORMING ATTACHMENT 3 TO THIS REPORT BE ADOPTED BY COUNCIL. | **COMPLETE** |
| 28. | 21 MARCH 2019 | **14.9 EMRC STAKEHOLDER NETWORKING EVENTS (D2019/03936)**<br>THAT COUNCIL NOT PROCEED WITH THE EMRC STAKEHOLDER NETWORKING EVENT IN THE CURRENT FORMAT IN 2019 BUT CONSIDERS HOSTING RELEVANT EVENTS, AS PRESENTED TO COUNCIL FROM TIME TO TIME, WHICH HAVE A PARTICULAR FOCUS OR CAUSE FOR CELEBRATION. | **NOTED** |
| 29. | 21 MARCH 2019 | **11.1 PROCESSING OF FOOD ORGANICS AND GARDEN ORGANICS (FOGO) WASTE, RED HILL WASTE MANAGEMENT FACILITY (D2019/02984 (RRC) – D2019/04263)**<br>THAT<br>1. THE EMRC BEGIN THE PROCESS OF DEVELOPING A LONG-TERM FOOD ORGANIC & GARDEN ORGANIC (FOGO) STRATEGY INCLUDING, IF REQUIRED, SEEKING EXPRESSIONS OF INTEREST FOR THE APPROPRIATE TECHNOLOGY TO IMPLEMENT LONG-TERM FOGO PROCESSING SOLUTIONS TO CATER FOR ALL MEMBER COUNCIL WASTE STREAMS.<br>2. IN THE INTERIM, THE EMRC PROCEEDS WITH THE PROCUREMENT PROCESS AND LICENCE APPROVAL FOR THE ADDITION OF A TRIAL MOBILE AERATOR FLOOR (MAF) COMPOSTING SYSTEM FOR THE PROCESSING OF UP TO 10,000 TPA OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.<br>3. APPROVES THE EXPENDITURE OF UP TO $400,000 EX GST FOR THE PURCHASE AND INSTALLATION OF A SUITABLE MAF SYSTEM, INCLUDING HARDSTAND INSTALLATION AND THAT THE FUNDS BE ALLOCATED FROM THE SECONDARY WASTE RESERVE.<br>4. NOTES THAT INTERIM ARRANGEMENTS ARE AVAILABLE WITH SEVERAL THIRD PARTY PROCESSORS OF FOGO WASTE IF THE INSTALLATION OF A PROCESSING FACILITY OR THE LICENCE APPROVAL IS DELAYED FOR WHATEVER REASON BEYOND PLANNED START DATES FOR FOGO COLLECTIONS BY MEMBER COUNCILS.<br>5. ADVISE THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER OF THE COUNCIL RESOLUTION AND AUTHORISE THE CEO TO ENTER INTO NEGOTIATIONS WITH THESE MEMBER COUNCILS FOR A SUITABLE PROCESSING ARRANGEMENT.<br>6. SEEK FUNDING SUPPORT FROM THE WASTE AUTHORITY FOR THE FOGO TRIAL AT THE RED HILL WASTE MANAGEMENT FACILITY.<br>7. THAT THE EMRC EXPLORE ALL MARKETING OPPORTUNITIES FOR THE COMPOST PRODUCT DURING THE FOGO TRIAL PERIOD. | **IN PROGRESS** |
| 30. | 21 MARCH 2019 | **11.2 CONTAINER DEPOSIT SCHEME (CDS) (D2019/03267 (RRC) – D2019/04264)**<br>THAT THE INFORMATION IS RECEIVED. | **NOTED** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 31. | 21 MARCH 2019 | **11.1 TENDER 2018-012 - PROVISION OF GREEN WASTE SHREDDING AND TRANSPORT SERVICES (D2019/02197 (TAC)-D2019/04209)**<br>1. COUNCIL AWARD TENDER 2018-012 FOR THE PROVISION OF GREEN WASTE SHREDDING AND TRANSPORT SERVICES TO CRANESWEST (WA) PTY LTD TRADING AS WESTERN TREE RECYCLERS FOR A THREE (3) YEAR PERIOD COMMENCING 1 APRIL 2019, WITH AN OPTION TO EXTEND FOR TWO (2) ONE (1) YEAR EXTENSIONS SUBJECT TO SATISFACTORY PERFORMANCE, AS PER THE ATTACHED SCHEDULE OF RATES.<br>2. COUNCIL AUTHORISE THE CEO TO ENTER INTO A CONTRACT, ON BEHALF OF THE EMRC, WITH CRANESWEST (WA) PTY LTD IN ACCORDANCE WITH THE TENDER SUBMITTED, AND THE ATTACHED SCHEDULE OF RATES, SUBJECT TO ANY MINOR VARIATIONS THAT MAY BE AGREED BETWEEN THE CEO AND CRANESWEST (WA) PTY LTD.<br>3. THE CONTRACT RATES FOR TENDER 2018-012 ARE ADJUSTED ANNUALLY AT THE ANNIVERSARY OF THE CONTRACT USING THE CONSUMER PRICE INDEX FOR PERTH OVER THE PREVIOUS TWELVE MONTHS. | **AWARDED** |
| 32. | 21 MARCH 2019 | **11.2 WASTE AVOIDANCE AND RESOURCE RECOVERY STRATEGY 2030 (D2019/03164 (TAC) – D2019/04210)**<br>THAT COUNCIL NOTE THE RELEASE OF THE WESTERN AUSTRALIAN WASTE AVOIDANCE AND RESOURCE RECOVERY STRATEGY 2030 AND ACTION PLAN AND COMMITS TO ALIGNING THE EMRC WASTE PRACTICES WHERE POSSIBLE. | **NOTED** |
| 33. | 23 MAY 2019 | **11.1 'REFLECT' RECONCILIATION ACTION PLAN 2019 – 2020 (D2019/04329 (CEOAC) – D2019/05554)**<br>THAT COUNCIL<br>1. ENDORSES THE EMRC 'REFLECT' RECONCILIATION ACTION PLAN 2019-2020, FORMING THE ATTACHMENT TO THIS REPORT.<br>2. SUBMITS TO RECONCILIATION AUSTRALIA FOR ITS FINAL APPROVAL.<br>3. LIST FOR CONSIDERATION AN AMOUNT OF $25,000 IN THE 2019/2020 OPERATIONAL BUDGET. | **COMPLETE** |
| 34. | 23 MAY 2019 | **19.1 ITEM 14.1 OF THE CHIEF EXECUTIVE OFFICER RECRUITMENT COMMITTEE MINUTES – CHIEF EXECUTIVE OFFICER DRAFT CONTRACT OF EMPLOYMENT (D2019/04618 (CEORC) - D2019/05329)**<br>1. COUNCIL APPROVES THE DRAFT CONTRACT OF EMPLOYMENT FOR THE CHIEF EXECUTIVE OFFICER FORMING ATTACHMENT 3 TO THIS REPORT.<br>2. THAT STAFF PRESENT OPTIONS IN RELATION TO THE PROCUREMENT OF A SUSTAINABLE VEHICLE FOR THE CHIEF EXECUTIVE OFFICER.<br>3. THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND DEPUTY CHAIRMAN. | **COMPLETE** |
| 35. | 23 MAY 2019 | **19.2 ITEM 14.1 OF THE CHIEF EXECUTIVE OFFICER RECRUITMENT COMMITTEE MINUTES – CHIEF EXECUTIVE OFFICER RECRUITMENT – SHORLIST OF CANDIDATES (D2019/06196 (CEORC) – D2019/06851)**<br>THAT COUNCIL NOTE THAT THE CHIEF EXECUTIVE OFFICER RECRUITMENT COMMITTEE HELD INTERVIEWS WITH CANDIDATES FOR THE ROLE OF CHIEF EXECUTIVE OFFICER ON 20 MAY 2019. | **NOTED** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 36. | 23 MAY 2019 | **14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF MARCH AND APRIL 2019 (D2019/04928)**<br>THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR MARCH AND APRIL 2019 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 $26,682,333.74. | **NOTED** |
| 37. | 23 MAY 2019 | **14.2 FINANCIAL REPORT FOR PERIOD ENDED 28 FEBRUARY 2019 (D2019/04929)**<br>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 28 FEBRUARY 2019. | **COMPLETE** |
| 38. | 23 MAY 2019 | **14.3 FINANCIAL REPORT FOR PERIOD ENDED 31 MARCH 2019 (D2019/06588)**<br>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 MARCH 2019. | **COMPLETE** |
| 39. | 23 MAY 2019 | **14.4 REVIEW OF POLICY 3.1 - ANNUAL FINANCIAL REPORTING POLICY (D2019/06915)**<br>THAT THE REVISED EMRC POLICY 3.1 ANNUAL FINANCIAL REPORTING POLICY FORMING ATTACHMENT 2 TO THIS REPORT BE ADOPTED BY COUNCIL. | **COMPLETE** |
| 40. | 23 MAY 2019 | **12.1 REVIEW OF SECONDARY WASTE DISPOSAL CHARGE (D2019/06104 (WAC) – D2019/07296)**<br>THAT COUNCIL, BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH S.6.16(1) THE *LOCAL GOVERNMENT ACT 1995*, ADOPTS THE SECONDARY WASTE CHARGE RATE OF $38.00/TONNE (EX GST) ON EACH TONNE OF MEMBER COUNCIL WASTE FOR 2019/2020 AND THE SECONDARY WASTE CHARGE IS TO BE HELD AT THIS LEVEL UNTIL FURTHER CONSIDERATION. | **COMPLETE** |
| 41. | 23 MAY 2019 | **12.2 UPDATE ON PROCESSING OF FOOD ORGANICS AND GARDEN ORGANICS (FOGO) WASTE, RED HILL WASTE MANAGEMENT FACILITY (D2019/06110 (WAC) – D2019/07297)**<br>THAT COUNCIL RECEIVES THE REPORT. | **NOTED** |
| 42. | 23 MAY 2019 | **12.3 2019 AUSTRALIAN LANDFILL AND TRANSFER STATIONS CONFERENCE (D2019/06381 (WAC) – D2019/07305)**<br>THAT THE REPORT BE RECEIVED. | **NOTED** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 43. | 6 JUNE 2019 | **10.1 CONTRACT OF CHIEF EXECUTIVE OFFICER (D2019/08137)**<br>THAT<br>1. COUNCIL NOTE MODIFICATIONS TO THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT PROPOSED BY THE PREFERRED CANDIDATE SHOWN AT ATTACHMENT THREE TO THIS REPORT.<br>2. COUNCIL BY ABSOLUTE MAJORITY AGREE TO AMEND THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT "CLAUSE 2.3 – PROBATIONARY PERIOD" TO PROVIDE FOR A MAXIMUM OF 6 MONTHS' PROBATION IN TOTAL.<br>3. COUNCIL BY ABSOLUTE MAJORITY AGREE TO AMEND THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT "CLAUSE 5.1- REMUNERATION PACKAGE – GENERAL PROVISIONS" TO INCLUDE AN ADDITIONAL CLAUSE (D) WHICH REQUIRES THE CHIEF EXECUTIVE OFFICER TO USE THEIR OWN PRIVATE VEHICLE FOR BUSINESS USE INCLUSIVE OF ALL OPERATING COSTS.<br>4. COUNCIL BY ABSOLUTE MAJORITY AGREE TO DELETE THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT "CLAUSE 5.3 – MOTOR VEHICLE".<br>5. COUNCIL BY ABSOLUTE MAJORITY AGREE TO AMEND THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT "CLAUSE 9.2 – ANNUAL LEAVE" TO PROVIDE AN ENTITLEMENT TO SIX (6) WEEKS PAID ANNUAL LEAVE EACH YEAR.<br>6. COUNCIL BY ABSOLUTE MAJORITY AGREE TO AMEND THE CHIEF EXECUTIVE OFFICER CONTRACT OF EMPLOYMENT "CLAUSE 11.3(3)(A) – TERMINATION BY THE EMRC AT WILL" TO PROVIDE AN AMOUNT EQUAL TO 12 MONTHS' PAYMENT OF THE REMUNERATION PACKAGE<br>7. COUNCIL NOTE THAT SCHEDULE 2 OF THE CONTRACT OF EMPLOYMENT WILL BE UPDATED BASED ON ANY MODIFICATIONS TO THE CONTRACT OF EMPLOYMENT.<br>8. COUNCIL REQUESTS THE CHAIRMAN CR MCDONNELL OR HIS DELEGATE CR O'CONNOR, WITH THE ASSISTANCE OF CONSULTANT GEOFF BLADES, TO FINALISE CONTRACT NEGOTIATIONS WITH THE PREFERRED CANDIDATE.<br>9. THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND DEPUTY CHAIRMAN. | **COMPLETE** |
| 44. | 20 JUNE 2019 | **11.1 INTERNAL AUDIT REPORT – 2019 PROGRAMME (D2019/07474 (AC) – D2019/08509)**<br>THAT COUNCIL NOTES THE 2019 INTERNAL AUDIT REPORTS FORMING ATTACHMENTS 1 TO 4 TO THIS REPORT. | **COMPLETE** |
| 45. | 20 JUNE 2019 | **11.2 REVIEW OF FINANCIAL MANAGEMENT SYSTEMS AND PROCEDURES (D2019/07475 (AC) – D2019/08511)**<br>THAT COUNCIL, IN ACCORDANCE WITH REGULATION 5(2)(C) OF THE *LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*, RECEIVES THE REVIEW OF THE APPROPRIATENESS AND EFFECTIVENESS OF THE FINANCIAL MANAGEMENT SYSTEMS AND PROCEDURES. | **IN PROGRESS** |
| 46. | 20 JUNE 2019 | **11.3 DRAFT CORPORATE BUSINESS PLAN 2019/2020 TO 2023/2024 (D2019/05551 (AC) – D2019/08512)**<br>THAT<br>1. COUNCIL BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH R.19DA(6) OF THE *LOCAL GOVERNMENT (ADMINISTRATION) REGULATIONS 1996,* ADOPT THE CORPORATE BUSINESS PLAN 2019/2020 TO 2023/2024 AS AMENDED FORMING AN ATTACHMENT TO THIS REPORT.<br>2. LOCAL PUBLIC NOTICE OF THE ADOPTION OF THE CORPORATE BUSINESS PLAN 2019/2020 TO 2023/2024 BE GIVEN IN ACCORDANCE WITH R.19D OF THE *LOCAL GOVERNMENT (ADMINISTRATION) REGULATIONS 1996*. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
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| **47.** | **20 JUNE 2019** | **11.4 EASTERN METROPOLITAN REGIONAL COUNCIL (EMRC) 2019/2020 DRAFT ANNUAL BUDGET (D2019/05552 (AC) – D2019/08513)**<br>THAT<br>1. COUNCIL, BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 6.2(1) OF THE *LOCAL GOVERNMENT ACT 1995* AND *LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*, ADOPTS THE EMRC 2019/2020 ANNUAL BUDGET AND SUPPORTING SCHEDULES WHICH HAVE BEEN PREPARED IN COMPLIANCE WITH THE AUSTRALIAN ACCOUNTING STANDARDS.<br>2. FOR THE 2019/2020 FINANCIAL YEAR A MATERIAL VARIANCE PERCENTAGE OF 10% OF THE APPROPRIATE BASE, OR A DOLLAR VALUE OF $20,000, WHICHEVER IS THE GREATER, BE ADOPTED FOR REPORTING VARIANCES IN THE STATEMENTS OF FINANCIAL ACTIVITY.<br>3. IN ACCORDANCE WITH REGULATION 33 OF THE *LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*, A COPY OF THE 2019/2020 ANNUAL BUDGET BE SUBMITTED TO THE DEPARTMENT OF LOCAL GOVERNMENT, SPORT AND CULTURAL INDUSTRIES, WITHIN 30 DAYS OF ITS ADOPTION BY COUNCIL. | **COMPLETE** |
| **48.** | **20 JUNE 2019** | **14.1 LIST OF ACCOUNTS PAID DURING THE MONTH OF MAY 2019 (D2019/08059)**<br>THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR MAY 2019 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 $29,602,954.47. | **NOTED** |
| **49.** | **20 JUNE 2019** | **14.2 FINANCIAL REPORT FOR PERIOD ENDED 30 APRIL 2019 (D2019/08060)**<br>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 APRIL 2019. | **NOTED** |
| **50.** | **20 JUNE 2019** | **14.2 DISABILITY ACCESS AND INCLUSION PLAN REPORT FOR 2018/2019 (D2019/08312)**<br>THAT<br>1. ENDORSES THE PROGRESS UPDATE FOR 2018/2019 AGAINST EMRC'S DISABILITY ACCESS AND INCLUSION PLAN 2018/2019 TO 2022/2023 FORMING AN ATTACHMENT TO THIS REPORT.<br>2. REQUESTS THE ACTING CHIEF EXECUTIVE OFFICER TO SUBMIT THE PROGRESS UPDATE FOR 2018/2019 AGAINST THE EMRC'S DISABILITY ACCESS AND INCLUSION PLAN 2018/2019 TO 2022/2023 TO THE MINISTER FOR DISABILITY SERVICES BY 1 JULY 2019. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 51. | 20 JUNE 2019 | **14.4 RESOURCE RECOVERY STUDY TOUR (D2019/08548)**<br>1. COUNCIL APPROVE A STUDY TOUR TO EASTERN STATES FOOD ORGANICS AND GARDEN ORGANICS (FOGO) PROCESSING AND COMPOSTING FACILITIES IN AUGUST 2019, DETAILS AND TIMING OF WHICH ARE STILL TO BE CONFIRMED. THE STUDY TOUR DELEGATION TO COMPRISE OF RELEVANT EMRC OFFICERS AND NOMINATED WASTE ADVISORY COMMITTEE MEMBERS, SUBJECT TO THEIR AVAILABILITY.<br>2. WASTE ADVISORY COMMITTEE COUNCILLOR(S) POWELL, MCKENNA, LAVELL, MCDONNELL OR DELEGATE BE AUTHORISED TO ATTEND THE STUDY TOUR OF FACILITIES.<br>3. WASTE ADVISORY COMMITTEE OFFICER(S) DOUG PEARSON, DIRECTOR WORKS AND INFRASTRUCTURE, CITY OF BAYSWATER; STEVE MORRISON, MANAGER WORKS, CITY OF BELMONT; CHRIS THOMPSON, MANAGER ASSET & WASTE OPERATIONS, CITY OF KALAMUNDA; ROGER HARIPERSAD, REGIONAL WASTE COLLECTION SERVICE (RWCS) STEERING GROUP, SHIRE OF MUNDARING; COLIN PUMPHREY, MANAGER FLEET & WASTE SERVICES, CITY OF SWAN OR DELEGATE BE AUTHORISED TO ATTEND. | **COMPLETE** |
| 52. | 20 JUNE 2019 | **11.1 PURCHASE OF A TWENTY (20) TONNE WHEEL LOADER (D2019/07247 (WAC) – D2019/08618)**<br>1. THE QUOTATION FOR THE SUPPLY AND DELIVERY TO RED HILL WASTE MANAGEMENT FACILITY OF ONE (1) HITACHI ZW250-5 WHEEL LOADER INCLUDING AN EXTENDED 5 YEAR/8,000 HOUR WARRANTY, SUBMITTED BY HITACHI CONSTRUCTION MACHINERY AUSTRALIA, FOR THE SUM OF $383,702 (EX. GST).<br>2. THE OFFER TO UNDERTAKE THE REPAIR AND MAINTENANCE AGREEMENT FOR THE HITACHI ZW250-5 WHEEL LOADER TO BE LOCATED AT THE RED HILL WASTE MANAGEMENT FACILITY FOR A FIVE (5) YEAR/8,000 HOUR PERIOD SUBMITTED BY HITACHI CONSTRUCTION MACHINERY AUSTRALIA AT A COST OF $6.01/OPERATING HOUR (EX. GST). | **COMPLETE** |
| 53. | 20 JUNE 2019 | **11.2 WASTE MANAGEMENT COMMUNITY REFERENCE GROUP MEMBERSHIP AND TERMS OF REFERENCE (D2019/07414 (WAC) – D2019/08621)**<br>1. WRITE TO MS RUTH KENDALL THE DEPUTY CHAIRMAN ACKNOWLEDGING HER SERVICE ON THE WMCRG SINCE ITS INCEPTION.<br>2. ENDORSE THE RENOMINATION OF THE FOLLOWING WMCRG MEMBERS FOR A TWO (2) YEAR TERM EXPIRING ON 31 AUGUST 2021 AND ACKNOWLEDGE THEIR CONTINUING SUPPORT.<br>• MS DIANNE KATSCHERIAN (CHAIRMAN);<br>• MR ANTHONY FOWLER;<br>• MS BELINDA HAMILTON;<br>• MS CARMEL LUCK;<br>• MR EDWIN DELL;<br>• MR MALCOLM BARKER;<br>• MR MARK SIMPSON; AND<br>• MR RAY LEWIS.<br>3. ACCEPT THE AMENDED TERMS OF REFERENCE AND ROLES OF MEMBERS AND OFFICERS FORMING (ATTACHMENT 2) TO THIS REPORT.<br>4. ADVERTISE FOR EXPRESSIONS OF INTEREST FOR ADDITIONAL MEMBERSHIP IN THE WMCRG. | **COMPLETE** |

| | DATE | RESOLUTIONS | STATUS |
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| 54. | 20 JUNE 2019 | **11.3 AORA 2019 ANNUAL CONFERENCE HELD 1 – 3 MAY 2019 (D2019/07423 (WAC) – D2019/08619)**<br>THAT THE REPORT BE RECEIVED. | **NOTED** |
| 55. | 27 JUNE 2019 | **19.1 REQUEST FOR TENDER 2016-005 - RESOURCE RECOVERY FACILITY (D2019/08734)**<br>THAT<br>1. COUNCIL NOTES THE CONTRACTOR'S ADVICE THAT FINANCIAL CLOSE FOR THE EAST ROCKINGHAM RESOURCE RECOVERY FACILITY (RRF) PROJECT WILL NOT BE REACHED BY 30 JUNE 2019 AS SPECIFIED IN THE WASTE SUPPLY AGREEMENT.<br>2. COUNCIL ADOPTS OPTION 5 AS CONTAINED IN THE BODY OF THE REPORT AND ADVISES THE CONTRACTOR ACCORDINGLY.<br>3. THE REPORT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO. | **ACTIONED AND ONGOING MONITORING AGAINST MILESTONE** |
| **NO JULY 2019 COUNCIL MEETING** | | | |
| 56. | 22 AUGUST 2019 | **7.1 CR MELISSA MYKYTIUK - LEAVE OF ABSENCE**<br>THAT COUNCIL APPROVE APPLICATION FOR LEAVE OF ABSENCE FOR CR MYKYTIUK FROM 2 SEPTEMBER 2019 TO 6OCTOBER 2019 INCLUSIVE. | **NOTED** |
| 57. | 22 AUGUST 2019 | **9.1 MINUTES OF ORDINARY MEETING OF COUNCIL HELD ON 20 JUNE 2019**<br>THAT THE MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 20 JUNE 2019 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED. | **NOTED** |
| 58. | 22 AUGUST 2019 | **9.2 MINUTES OF SPECIAL MEETING OF COUNCIL HELD ON 27 JUNE 2019**<br>THAT THE MINUTES OF THE SPECIAL MEETING OF COUNCIL HELD ON 27 JUNE 2019 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED. | **NOTED** |
| 59. | 22 AUGUST 2019 | **14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF JUNE AND JULY 2019(D2019/08985)**<br>THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR JUNE AND JULY 2019 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 $29,906,960.60. | **NOTED** |
| 60. | 22 AUGUST 2019 | **14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 MAY 2019 (D2019/08984)**<br>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 MAY 2019. | **NOTED** |
| 61. | 22 AUGUST 2019 | **14.3 FINANCIAL REPORT FOR PERIOD ENDED 30 JUNE 2019 (D2019/10163)**<br>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 JUNE 2019. | **NOTED** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 62. | 22 AUGUST 2019 | **14.4 CLOSURE OF EMRC FACILITIES FOR THE CHRISTMAS/NEW YEAR PERIOD 2019/2020 (D2019/10163)**<br>THAT COUNCIL APPROVES:<br>1. THE EMRC ADMINISTRATION OFFICE BEING CLOSED FROM 5PM TUESDAY 24 DECEMBER 2019 AND ON EACH DAY THEREAFTER UNTIL IT RE-OPENS ON THURSDAY 2 JANUARY 2020.<br>2. THE HAZELMERE RESOURCE RECOVERY PARK BEING CLOSED FROM 3PM TUESDAY 24 DECEMBER 2019 AND ON EACH DAY THEREAFTER UNTIL IT RE-OPENS ON THURSDAY 2 JANUARY 2020, SUBJECT TO AN ASSESSMENT OF OPERATIONAL REQUIREMENTS CLOSER TO THE CHRISTMAS AND NEW YEAR PERIOD.<br>3. THE RED HILL WASTE MANAGEMENT FACILITY BEING CLOSED ON CHRISTMAS DAY (WEDNESDAY 25 DECEMBER 2019) AND NEW YEAR'S DAY (WEDNESDAY 1 JANUARY 2020).<br>4. THE MATHIESON ROAD TRANSFER STATION (SHIRE OF MUNDARING) BEING CLOSED ON BOXING DAY (THURSDAY 25 DECEMBER 2019) ONLY. | **WILL BE ADVERTISED IN NOVEMBER 2019** |
| 63. | 22 AUGUST 2019 | **14.5 COMMITTEE MEMBERSHIP – CHANGE OF MEMBER (D2019/10965)**<br>THAT COUNCIL BY ABSOLUTE MAJORITY:<br>1. IN ACCORDANCE WITH SECTION 5.11(2)(B) OF THE *LOCAL GOVERNMENT ACT 1995*, CANCELS THE APPOINTMENTS OF THE DIRECTOR OPERATIONAL SERVICES AND MANAGER ASSET SERVICES FROM THE TOWN OF BASSENDEAN AS MEMBER AND DEPUTY MEMBER TO THE WASTE ADVISORY COMMITTEE RESPECTIVELY.<br>2. IN ACCORDANCE WITH SECTION 5.10 OF THE *LOCAL GOVERNMENT ACT 1995,* APPOINTS THE EXECUTIVE MANAGER INFRASTRUCTURE, TOWN OF BASSENDEAN, AS A MEMBER ON THE WASTE ADVISORY COMMITTEE.<br>3. IN ACCORDANCE WITH SECTION 5.10 OF THE *LOCAL GOVERNMENT ACT 1995,* APPOINTS THE WASTE AND RECYCLING COORDINATOR, TOWN OF BASSENDEAN, AS A DEPUTY MEMBER ON THE WASTE ADVISORY COMMITTEE. | **ACTIONED** |
| 64. | 22 AUGUST 2019 | **14.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN**<br>THAT COUNCIL NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 22 AUGUST 2019 ORDINARY MEETING OF COUNCIL AGENDA. | **NOTED** |
| 65. | 22 AUGUST 2019 | **11.1 DEVELOPMENT OF A REGIONAL YOUTH FORUM (D2019/10984 (CEOAC) – D2019/11915)**<br>THAT COUNCIL PROVIDES IN PRINCIPLE SUPPORT FOR THE DEVELOPMENT OF A ZERO 2 HERO MENTAL HEALTH AND LEADERSHIP EVENT FOR MEMBER COUNCIL YOUTH OFFICERS AND LOCAL REPRESENTATIVES FROM LOCAL YOUTH ADVISORY COUNCILS. | **IN PROGRESS** |
| 66. | 22 AUGUST 2019 | **11.2 MEETING DATES FOR 2020 (D2019/11017 (CEOAC) – D2019/11973)**<br>THAT COUNCIL ADOPTS THE ORDINARY COUNCIL MEETING AND COMMITTEE MEETING DATES, TIMES AND PLACES FOR 2020 AS OUTLINED IN THE REPORT AND NOTICE BE GIVEN IN ACCORDANCE WITH R.12 OF THE *LOCAL GOVERNMENT (ADMINISTRATION) REGULATIONS 1996*. | **WILL BE ADVERTISED IN NOVEMBER 2019** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 67. | 22 AUGUST 2019 | **11.1 TENDER RFT2019-001 STAGE 14 LANDFILL CELL CONSTRUCTION (D2019/11119 (WAC) – D2019/12123)**<br>THAT:<br>1. COUNCIL AWARD TENDER RFT2019-001 – STAGE 14 LANDFILL CELL CONSTRUCTION TO WBHO INFRASTRUCTURE PTY LTD FOR $3,216,081.65 (EX GST) BASED ON A SCHEDULE OF RATES.<br>2. THE CEO BE AUTHORISED ON BEHALF OF THE EMRC TO ENTER INTO A CONTRACT WITH WBHO INFRASTRUCTURE PTY LTD IN ACCORDANCE WITH THEIR SUBMITTED TENDER, SUBJECT TO ANY MINOR VARIATIONS THAT MAY BE AGREED ON BETWEEN THE CEO AND WBHO INFRASTRUCTURE PTY LTD.<br>3. COUNCIL AUTHORISE A 20% CONTINGENCY, BASED ON THE TENDERED PRICE SCHEDULE FOR ANY CONTRACT VARIATIONS THAT MAY ARISE FOR TENDER RFT2019-001. | **IN PROGRESS** |
| 68. | 22 AUGUST 2019 | **11.2 CONTAINER DEPOSIT SCHEME – REFUND POINT OPERATOR(S) (D2019/11386 (WAC) – D2019/12124)**<br>THAT:<br>1. COUNCIL AFFIRMS THE CONTAINER DEPOSIT SCHEME OPERATIONS AS A “CONTINUING PROJECT” AS IDENTIFIED IN THE ESTABLISHMENT AGREEMENT.<br>2. COUNCIL AGREES FOR THE EMRC TO TAKE THE LEAD ON BEHALF OF THE MEMBER COUNCILS TO COORDINATE THE PREPARATION OF A REGIONAL REFUND POINT APPLICATION(S), FOR SUBMITTING TO THE WA RETURN RECYCLE RENEW LIMITED (WARRRL) PRIOR TO 27 SEPTEMBER 2019.<br>3. THE EMRC MEMBER COUNCILS, PRIOR TO 15 SEPTEMBER 2019, RESOLVE TO SUPPORT AND COMMIT TO THE EMRC TO TAKE THE LEAD ON BEHALF OF MEMBER COUNCILS TO COORDINATE THE PREPARATION OF A REGIONAL REFUND POINT APPLICATION(S), FOR SUBMITTING TO THE WARRRL.<br>4. COUNCIL ALLOCATES AN AMOUNT OF UP TO $25,000 (EX GST) FROM THE SECONDARY WASTE RESERVE TO FUND THE COST OF A CONSULTANT TO PREPARE THE APPLICATION(S). | **IN PROGRESS** |
| 69. | 22 AUGUST 2019 | **11.3 WASTE & RECYCLE 2019 CONFERENCE - SEPTEMBER 2019 (D2019/10950 (WAC) – D2019/12125)**<br>THAT:<br>1. COUNCILLORS AND OFFICERS NOTE THE DATES OF 25 - 27 SEPTEMBER 2019 FOR THE WA WASTE & RECYCLE 2019 CONFERENCE.<br>2. INTERESTED COUNCILLOR(S) BE AUTHORISED TO ATTEND THE WA WASTE & RECYCLE 2019 CONFERENCE.<br>3. TWO (2) PLACES TO THE WA WASTE & RECYCLE 2019 CONFERENCE BE OFFERED TO THE WASTE MANAGEMENT COMMUNITY REFERENCE GROUP (WMCRG) IN THE EVENT THAT SOME MEMBERS MAY WISH TO ATTEND. | **ACTIONED** |
| 70. | 22 AUGUST 2019 | **19.1 STRATEGIC REVIEW (D2019/11134)**<br>THAT:<br>1. COUNCIL ENDORSES A STRATEGIC REVIEW OF THE EMRC.<br>2. THE TERMS OF REFERENCE FOR THE STRATEGIC REVIEW IS TO INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, SERVICE PROVISION, FACILITIES, INFRASTRUCTURE, PROJECTS, ACTIVITIES, FUNDING AND CONTRACTS.<br>3. THE TERMS OF REFERENCE AND THE REVIEW BE DEVELOPED IN CONSULTATION WITH THE CEOAC, MEMBER COUNCIL STAFF AND COUNCILLORS.<br>4. COUNCIL BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 6.8(1)(B) OF THE *LOCAL GOVERNMENT ACT 1995*, AUTHORISES EXPENDITURE UP TO THE AMOUNT SPECIFIED IN THE REPORT FOR A STRATEGIC REVIEW.<br>5. THE REPORT REMAINS CONFIDENTIAL AND TO BE CERTIFIED BY THE CHAIRMAN AND CEO. | **IN PROGRESS** |

| | DATE | RESOLUTIONS | STATUS |
|---|---|---|---|
| 71. | 22 AUGUST 2019 | **19.2 BIN AUDIT (D2019/12247)**<br>THAT:<br>1. COUNCIL ENDORSES THE REQUIREMENT FOR A WASTE AUDIT OF MEMBER COUNCILS PRIOR TO THE IMPLEMENTATION OF A FOOD ORGANICS AND GARDEN ORGANICS (FOGO) COLLECTION SYSTEM.<br>2. LOCATIONS OF THE BIN AUDITS TO BE DETERMINED IN CONSULTATION WITH MEMBER COUNCILS.<br>3. THE AUDIT TO INCLUDE COUNTING AND CLASSIFYING DATA ON CDS MATERIALS.<br>4. COUNCIL BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 6.8(1)(B) OF THE LOCAL GOVERNMENTACT1995 AUTHORISES AN EXPENDITURE UP TO THE AMOUNT SPECIFIED IN THE REPORT FOR A WASTE AUDIT.<br>5. THE REPORT REMAIN CONFIDENTIAL AND TO BE CERTIFIED BY THE CHAIRMAN AND CEO. | **IN PROGRESS** |
| 72. | 22 AUGUST 2019 | **19.3 CEO LEAVE APPROVAL AUTHORITY (D2019/11274)**<br>THAT COUNCIL:<br>1. GRANTS AUTHORITY TO THE CHAIRMAN TO APPROVE ANY LEAVE REQUEST FROM THE CHIEF EXECUTIVE OFFICER ON ITS BEHALF.<br>2. GRANTS AUTHORITY TO THE DEPUTY CHAIRMAN TO APPROVE ANY LEAVE REQUEST FROM THE CHIEF EXECUTIVE OFFICER ON ITS BEHALF, IN THE CIRCUMSTANCES THE CHAIRMAN IS UNAVAILABLE.<br>3. THE REPORT REMAIN CONFIDENTIAL AND TO BE CERTIFIED BY THE CHAIRMAN AND CEO. | **NOTED** |
| 73. | 22 AUGUST 2019 | **19.4 DELEGATION OF AUTHORITY TO THE CHIEF EXECUTIVE OFFICER PERFORMANCE REVIEW COMMITTEE (CEOPRC) (D2019/11320)**<br>THAT:<br>1. COUNCIL DETERMINES THAT THE CHIEF EXECUTIVE OFFICER PERFORMANCE REVIEW COMMITTEE IS THE REVIEWER FOR PROBATIONARY REVIEW OF THE CHIEF EXECUTIVE OFFICER.<br>2. COUNCIL, BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 5.16 OF THE *LOCAL GOVERNMENT ACT 1995*, DELEGATES AUTHORITY, TO THE CHIEF EXECUTIVE PERFORMANCE REVIEW COMMITTEE, TO UNDERTAKE THE PROBATIONARY REVIEW OF THE CHIEF EXECUTIVE OFFICER AND ACTION ON THE OUTCOMES OF THAT REVIEW.<br>3. THE REPORT REMAIN CONFIDENTIAL AND TO BE CERTIFIED BY THE CHAIRMAN AND CEO. | **IN PROGRESS** |

## 1.2 CEO EXERCISE OF DELEGATED POWERS AND DUTIES

**REFERENCE: D2019/13777**

### PURPOSE OF REPORT

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

### KEY POINT(S)

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

### SOURCE OF REPORT

Chief Executive Officer

### BACKGROUND

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

As part of that review Council resolved inter alia:

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

*Item 1.2 continued*

**REPORT**

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

| Delegation Number | Date of Original Delegation | Description of Delegation | Details of Delegated Powers and Discharge of Duties |
|---|---|---|---|
| C4/2015 | 20/08/2015 | That Council, by absolute majority, in accordance with Section 5.42(1) of the *Local Government Act 1995,* delegate authority, to the CEO, to invite tenders on its behalf. | Approved the issuing of tender RFT2019-004 Provision of Transport Services. This tender was advertised in the West Australian newspaper on 28/08/2019. The closing date for tender submissions is 18/09/2019. |
| C6/2016 | 23/06/2016 | That Council by absolute majority in accordance with section 5.42 of the *Local Government Act 1995* 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. | A gate fee has been negotiated with Raubex for the disposal of waste at the Red Hill Waste Management Facility. |
| C6/2016 | 23/06/2016 | That Council by absolute majority in accordance with section 5.42 of the *Local Government Act 1995* 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. | A contract variation with Instant Waste for the disposal of waste at the Red Hill Waste Management Facility was agreed to. |

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 3 - Good Governance

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

**FINANCIAL IMPLICATIONS**

As reflected in monthly financial reports.

**SUSTAINABILITY IMPLICATIONS**

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

*Item 1.2 continued*

**MEMBER COUNCIL IMPLICATIONS**

| **Member Council** | **Implication Details** |
|---|---|
| Town of Bassendean | Nil |
| City of Bayswater | |
| City of Belmont | |
| City of Kalamunda | |
| Shire of Mundaring | |
| City of Swan | |

ATTACHMENT(S)

Nil

## 2 WASTE SERVICES

### 2.1 COUNCIL TONNAGE COMPARISONS AS AT 31 JULY 2019

**REFERENCE: D2019/13679 (WAC) - D2019/13747**

**PURPOSE OF REPORT**

The purpose of this report is to provide Council with tonnages and quantities at the Red Hill Waste Management Facility and the Hazelmere Resource Recovery Park for the reporting period of 1 July 2019 to 31 July 2019.

**REPORT**

Attachment 1 of this report indicates that member Council tonnages totaling 11,657.22 tonnes were received at the Red Hill Waste Management Facility during the reporting period, compared to 10,793.70 tonnes received during the same period in 2018/2019.

Attachment 2 outlines "other" waste that was received at the Red Hill Waste Management Facility being 8,270.33 tonnes. The combined tonnages for the reporting period totalled 19,927.55 tonnes. The 2018/2019 tonnages of 6,495.63 and 17,289.33 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, compared to the same period in 2018/2019.

Attachment 4 outlines the tonnages and quantities received of waste timber, C&I material and mattresses, plus sales of woodchip/fines at the Hazelmere Resource Recovery Park for the above reporting period.

- Incoming Waste Timber totalled 1,342.13 tonnes compared to 1,141.26 tonnes for the same period in 2018/2019.
- The sale of fines and woodchip totalled 1,003.92 tonnes, compared to 1,376.42 tonnes for the same period in 2018/2019.
- Incoming Commercial and Industrial (C&I) Waste totalled 27.74 tonnes, compared to 78.84 tonnes for the same period in 2018/2019.
- Mattresses incoming totalled 931 units compared to 1,190 units for the same period in 2018/2019.

ATTACHMENT(S)

1. Council Tonnages - 1 July 2019 to 31 July 2019 (Ref: D2019/13743)
2. Other Tonnages - 1 July 2019 to 31 July 2019 (Ref: D2019/13744)
3. Tonnages Exported from Red Hill - 1 July 2019 to 31 July 2019 (Ref: D2019/13745)
4. Hazelmere Resource Recovery Park – Incoming Materials and Product Sales - 1 July 2019 to 31 July 2019 (Ref: D2019/113746)

**EASTERN METROPOLITAN REGIONAL COUNCIL**



**2019/2020 YTD COUNCIL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY**

| | BAYSWATER | | | | BELMONT | | | BASSENDEAN | | | SWAN | | KALAMUNDA | | MUNDARING | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Week Ending** | **Waste** | **MRF** | **MGB Greenwaste** | **Uncont G/W** | **Waste** | **Residual** | **Uncont G/W** | **Waste** | **FOGO** | **Uncont G/W** | **Waste** | **Uncont G/W** | **Waste** | **Uncont G/W** | **Waste** | **Uncont G/W** | |
| 09-Jul-19 | 575.32 | 71.30 | 128.05 | 0.00 | 297.65 | 37.95 | 19.85 | 145.45 | 0.00 | 0.00 | 1,259.56 | 9.00 | 619.88 | 56.00 | 297.45 | 0.00 | **3,517.46** |
| 16-Jul-19 | 399.17 | 51.00 | 83.80 | 0.00 | 240.20 | 69.45 | 17.75 | 111.15 | 0.00 | 0.00 | 922.18 | 9.00 | 455.08 | 42.50 | 215.57 | 0.00 | **2,616.85** |
| 23-Jul-19 | 314.15 | 57.10 | 124.30 | 0.00 | 242.25 | 74.00 | 18.60 | 97.05 | 0.00 | 0.00 | 910.97 | 7.40 | 448.08 | 36.40 | 229.07 | 0.00 | **2,559.37** |
| 31-Jul-19 | 382.85 | 58.96 | 110.80 | 0.00 | 284.70 | 74.50 | 15.40 | 123.90 | 0.00 | 2.75 | 1,094.15 | 9.60 | 493.67 | 43.25 | 269.01 | 0.00 | **2,963.54** |
| **Year to Date** | **1,671.49** | **238.36** | **446.95** | **0.00** | **1,064.80** | **255.90** | **71.60** | **477.55** | **0.00** | **2.75** | **4,186.86** | **35.00** | **2,016.71** | **178.15** | **1,011.10** | **0.00** | **11,657.22** |
| **31-Jul-19** | **2,356.80** | | | | **1,392.30** | | | **480.30** | | | **4,221.86** | | **2,194.86** | | **1,011.10** | | **11,657.22** |
| **Year to date** | **1,940.25** | **0.00** | **378.97** | **0.00** | **1,017.44** | **0.00** | **0.00** | **462.26** | **0.00** | **1.35** | **3,790.96** | **41.40** | **1,983.83** | **203.60** | **973.64** | **0.00** | **10,793.70** |
| **31-Jul-18** | **2,319.22** | | | | **1,017.44** | | | **463.61** | | | **3,832.36** | | **2,187.43** | | **973.64** | | **10,793.70** |

## EASTERN METROPOLITAN REGIONAL COUNCIL



### 2019/2020 YTD OTHER TONNAGES DISPOSED AT RED HILL WASTE MANAGEMENT FACILITY

| Week Ending | Transfer Station | Class III Contaminated | Class IV Contaminated | Clean Green Transfer St | Clean Green Commercial | Other Commercials | Asbestos (Wrapped) | Hazelmere C&I, Mattress, Woodwaste | Total | TOTAL TONNAGES (Council & Other) |
|---|---|---|---|---|---|---|---|---|---|---|
| 09-Jul-19 | 127.45 | 141.80 | 0.00 | 12.65 | 12.55 | 1,305.79 | 58.15 | 69.05 | **1,727.44** | **5,244.90** |
| 16-Jul-19 | 99.90 | 224.10 | 0.00 | 13.85 | 3.95 | 1,063.76 | 41.95 | 0.00 | **1,447.51** | **4,064.36** |
| 23-Jul-19 | 84.65 | 1,063.90 | 0.00 | 9.90 | 6.40 | 880.01 | 34.25 | 67.93 | **2,147.04** | **4,706.41** |
| 31-Jul-19 | 114.45 | 1,598.35 | 0.00 | 15.05 | 13.40 | 1,098.66 | 40.75 | 67.68 | **2,948.34** | **5,911.88** |
| **Year to date 31-Jul-19** | **426.45** | **3,028.15** | **0.00** | **51.45** | **36.30** | **4,348.22** | **175.10** | **204.66** | **8,270.33** | **19,927.55** |
| **Year to date 31-Jul-18** | **412.35** | **835.05** | **0.00** | **52.35** | **40.45** | **4,712.29** | **222.00** | **221.14** | **6,495.63** | **17,289.33** |

# EASTERN METROPOLITAN REGIONAL COUNCIL



## 2019/2020 YTD TONNAGES EXPORTED FROM RED HILL WASTE MANAGEMENT FACILITY

| Week | Clay | Ferricrete | Filter / Laterite Rock | Recycled Material from Transfer St. | Mulch | Soil Improver | Total |
|---|---|---|---|---|---|---|---|
| 09-Jul-19 | 0.00 | 538.85 | 95.12 | 13.35 | 0.00 | 17.10 | **664.42** |
| 16-Jul-19 | 0.00 | 37.75 | 114.05 | 5.93 | 27.75 | 21.25 | **206.73** |
| 23-Jul-19 | 0.00 | 670.10 | 51.10 | 8.70 | 22.20 | 38.20 | **790.30** |
| 31-Jul-19 | 0.00 | 347.62 | 16.16 | 15.55 | 0.00 | 20.55 | **399.88** |
| **Year to date 31-Jul-19** | **0.00** | **1,594.32** | **276.43** | **43.53** | **49.95** | **97.10** | **2,061.33** |
| **Year to date 31-Jul-18** | **0.00** | **2,572.20** | **81.15** | **37.76** | **21.60** | **125.20** | **2,837.91** |

**EASTERN METROPOLITAN REGIONAL COUNCIL**
**2019/2020 YTD - COUNCIL TONNAGES**
**Hazelmere Resource Recovery Park - Incoming Materials & Product Sales**

| Month | Timber Recycling | | | C & I | Mattress Processing |
|---|---|---|---|---|---|
| | Incoming Waste Timber | Sale of Fines 58888/05 | Sale of Woodchip 58888/01 | Incoming C & I Material | Total Incoming Mattresses |
| | Tonne | Tonne | Tonne | Tonne | Number |
| Jul-2019 | 1,342.13 | 992.22 | 11.70 | 27.74 | 931 |
| **Year to Date** | **1,342.13** | **992.22** | **11.70** | **27.74** | **931** |
| **YTD Comparison** previous year (July) | **1,141.26** | **1,365.78** | **10.64** | **78.84** | **1,190** |
| **Previous Yr total 2018/2019** | **12,333.87** | **15,358.67** | **290.24** | **2,566.14** | **12,806** |

## 15 REPORTS OF COMMITTEES

### 15.1 WASTE ADVISORY COMMITTEE MEETING HELD 5 SEPTEMBER 2019 (REFER TO MINUTES OF COMMITTEE – YELLOW PAGES) REFERENCE: D2019/12656 (WAC) – D2019/13741

The minutes of the Waste Advisory Committee meeting held on **5 September 2019** 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 Waste Advisory Committee. Any questions relating to the confidential reports will be dealt with under section 19 of the agenda "Confidential Items."

**RECOMMENDATION(S)**

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

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR DAW

THAT WITH THE EXCEPTION OF ITEM 11.4, WHICH IS TO BE WITHDRAWN AND DEALT WITH SEPARATELY, COUNCIL ADOPTS THE RECOMMENDATIONS IN THE WASTE ADVISORY COMMITTEE REPORTS (SECTION 15.1).

**CARRIED UNANIMOUSLY**

# WASTE ADVISORY COMMITTEE

## MINUTES

**5 September 2019**

**(REF: D2019/12656 (WAC – D2019/13741)**

A meeting of the Waste Advisory Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 5 September 2019.** The meeting commenced at **5:04pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 5:00pm and acknowledged the traditional custodians of the land on which the meeting was held and paid respects to the elders past, present and future.

The Chairman welcomed Mr Phillip Adams from Town of Bassendean to his first WAC meeting and Mr Greg Mohen from Kott Gunning Lawyers.

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

**Committee Members**

| | | |
|---|---|---|
| Cr Steve Wolff (**Chairman**) | EMRC Member | City of Belmont |
| Cr Jai Wilson<br>(Deputising for Cr Mykytiuk) | EMRC Member | Town of Bassendean |
| Cr Barry McKenna | EMRC Member | City of Bayswater |
| Cr Geoff Stallard<br>(Deputising for Cr O'Connor) | EMRC Member | City of Kalamunda |
| Cr David Lavell | EMRC Member | Shire of Mundaring |
| Cr David McDonnell | EMRC Member | City of Swan |
| Mr Phillip Adams | Acting Executive Manager Infrastructure | Town of Bassendean |
| Mr Doug Pearson | Director Works and Infrastructure | City of Bayswater |
| Mr Steve Morrison | Acting Director Infrastructure Services | City of Belmont |
| Mr Chris Thompson<br>(Deputising for Mr Jackson) | Manager Asset & Waste Operations | City of Kalamunda |
| Mr Liam Noonan<br>(Deputising for Mr Purdy) | Manager Design Services | Shire of Mundaring |
| Mr Jim Coten | Executive Manager Operations | City of Swan |
| Mr Marcus Geisler | Chief Executive Officer | EMRC |

**Leave of Absence Previously Approved**

*Cr Mykytiuk (from 02/09/2019 to 06/10/2019 inclusive)*
*Cr O'Connor (from 22/08/2019 to 24/09/2019 inclusive)*

**Apologies**

| | | |
|---|---|---|
| Mr Brett Jackson | Director Asset Services | City of Kalamunda |
| Mr Shane Purdy | Director Infrastructure Services | Shire of Mundaring |

**EMRC Officers**

| | |
|---|---|
| Mr Stephen Fitzpatrick | Director Waste Services |
| Mr Hua Jer Liew | Director Corporate Services |
| Mrs Wendy Harris | Director Regional Services |
| Mr Stephen Conway | Manager Engineering & Waste Services |
| Mr Dave Beresford | Manager Resource Recovery |
| Ms Joanne Gray | Waste Education Officer |
| Ms Annette Rakich | Administration Support Officer (Minutes) |

**Observer(s)**

| | | |
|---|---|---|
| Cr John Daw (from 5:10pm) | EMRC Member | Shire of Mundaring |
| Cr Doug Jeans | EMRC Deputy Member | Shire of Mundaring |
| Mr Roger Harispersad | Coordinator Waste and Fleet | Shire of Mundaring |

**Visitor(s)**

| | | |
|---|---|---|
| Mr Greg Mohen | Partner | Kott Gunning Lawyers |

## 3 DISCLOSURE OF INTERESTS

Nil

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

### 4.1 CHANGE TO ORDER OF BUSINESS

The Chairman advised there would be a change to the Order of Business, Confidential Items 14.1 Hazelmere Wood Waste to Energy Plant Update and Item 14.2 Resource Recovery Facility Update would be dealt with after this point to make the most efficient use of Mr Mohen's time.

Confidential items 14.1 Hazelmere Wood Waste To Energy Plant Update and 14.2 Resource Recovery Facility Update were dealt with at this point of the meeting prior to Item 5.

## 5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

**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.

**WAC RESOLUTION**

MOVED CR MCDONNELL SECONDED CR COTEN

THAT WITH THE EXCEPTION OF THE CEO, DIRECTOR WASTE SERVICES, DIRECTOR CORPORATE SERVICES, DIRECTOR REGIONAL SERVICES, MANAGER RESOURCE RECOVERY, MANAGER ENGINEERING AND WASTE OPERATIONS, MR MOHEN 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 5:39pm and members of the public departed the Council Chambers.

The Chief Executive Officer, Director Corporate Services, Director Waste Services, Director Regional Services, Manager Resource Recovery, Manager Engineering and Waste Operations, Mr Mohen, and Administration Officer Waste Services remained in the Council Chambers.

### 5.1 HAZELMERE WASTE TRANSFER STATION UPDATE (CONFIDENTIAL)

The Director Waste Services provided a brief update on the Hazelmere Waste Transfer Station. The Director Waste Services responded to questions from members.

The doors of the meeting were re-opened at 5:56pm.

*Item 5 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.

**WAC RESOLUTION**

MOVED CR MCDONNELL SECONDED CR 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 5:56pm and members of the public returned to the Council Chambers.

## 6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

### 6.1 MINUTES OF THE WASTE ADVISORY COMMITTEE MEETING HELD ON 8 AUGUST 2019

That the Minutes of the Waste Advisory Committee meeting held on 8 August 2019 which have been distributed, be confirmed.

**WAC RESOLUTION(S)**

MOVED CR MCDONNELL SECONDED CR LAVELL

THAT THE MINUTES OF THE WASTE ADVISORY COMMITTEE MEETING HELD ON 8 AUGUST 2019 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 items are covered in Section 14 of this agenda.

9.1 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

9.2 RESOURCE RECOVERY FACILITY UPDATE

## 10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil

## 11 REPORTS OF EMPLOYEES

## 11.1 TENDER RFT2019-002 MOBILE AERATED FLOOR SYSTEM

**REFERENCE: D2019/12658 (WAC) – D2019/14019**

### PURPOSE OF REPORT

The purpose of this report is to advise Council of the results of Tender RFT2019-002 to procure a Mobile Aerated Floor System and recommend acceptance of the tender from Spartel Pty Ltd.

### KEY POINTS AND RECOMMENDATION(S)

- A tender for the design, supply, install and maintain of a Mobile Aerated Floor System (MAFS) was issued on 13 July 2019.
- Tenders closed on 31 July 2019 with two (2) submissions being received.
- The tender called for the design, supply, installation and maintenance of a MAFS complete with spare parts required to process up to 10,000 tonnes per annum of Food Organics and Garden Organics (FOGO) waste in conjunction with the trial of FOGO processing.
- The MAFS will be located on the green waste processing pad at the Red Hill Waste Management Facility.
- A licence amendment for the Red Hill site is being progressed with the Department of Water and Environment Regulation (DWER) for the FOGO trial.

**Recommendation(s)**

That:

1. Council award Tender RFT2019-002 – Design, Supply, Install and Maintain a Mobile Aerated Floor System to Spartel Pty Ltd for $534,400.00 (ex GST) based on their tender for the MAFS as per the attached schedule including rates for the maintenance and estimated spare parts costs over a five (5) year period.
2. The CEO be authorised on behalf of the EMRC to enter into a contract with Spartel Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Spartel Pty Ltd.
3. Council authorise a 10% contingency based on the tendered price for any contract variations that may arise for Tender RFT2019-002.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

At the 21 March 2019 meeting of Council it was resolved:

"*THAT*:

1. *THE EMRC BEGIN THE PROCESS OF DEVELOPING A LONG-TERM FOOD ORGANIC & GARDEN ORGANIC (FOGO) STRATEGY INCLUDING, IF REQUIRED, SEEKING EXPRESSIONS OF INTEREST FOR THE APPROPRIATE TECHNOLOGY TO IMPLEMENT LONG-TERM FOGO PROCESSING SOLUTIONS TO CATER FOR ALL MEMBER COUNCIL WASTE STREAMS.*

*Item 11.1 continued*

2. *IN THE INTERIM, THE EMRC PROCEEDS WITH THE PROCUREMENT PROCESS AND LICENCE APPROVAL FOR THE ADDITION OF A TRIAL MOBILE AERATOR FLOOR (MAF) COMPOSTING SYSTEM FOR THE PROCESSING OF UP TO10,000 TPA OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *APPROVES THE EXPENDITURE OF UP TO $400,000 EX GST FOR THE PURCHASE AND INSTALLATION OF A SUITABLE MAF SYSTEM, INCLUDING HARDSTAND INSTALLATION AND THAT THE FUNDS BE ALLOCATED FROM THE SECONDARY WASTE RESERVE.*
4. *NOTES THAT INTERIM ARRANGEMENTS ARE AVAILABLE WITH SEVERAL THIRD PARTY PROCESSORS OF FOGO WASTE IF THE INSTALLATION OF A PROCESSING FACILITY OR THE LICENCE APPROVAL IS DELAYED FOR WHATEVER REASON BEYOND PLANNED START DATES FOR FOGO COLLECTIONS BY MEMBER COUNCILS.*
5. *ADVISE THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER OF THE COUNCIL RESOLUTION AND AUTHORISE THE CEO TO ENTER INTO NEGOTIATIONS WITH THESE MEMBER COUNCILS FOR A SUITABLE PROCESSING ARRANGEMENT.*
6. *SEEK FUNDING SUPPORT FROM THE WASTE AUTHORITY FOR THE FOGO TRIAL AT THE RED HILL WASTE MANAGEMENT FACILITY.*
7. *THAT THE EMRC EXPLORE ALL MARKETING OPPORTUNITIES FOR THE COMPOST PRODUCT DURING THE FOGO TRIAL PERIOD."*

It is intended to award a contract for the design, supply, installation and maintain of a Mobile Aerated Floor System (MAFS) with the maintenance services and spare parts to cover a three (3) year period with an option of two, one (1) year extensions at the discretion of the EMRC.

**REPORT**

Tender RFT2019-002 for the design, supply, install and maintain of a Mobile Aerated Floor System (MAFS) was issued on 13 July 2019.

Tenders closed on 31 July 2019 and submissions were received from:

a) Spartel Pty Ltd; and
b) WA Composts Pty Ltd as trustee for the Bios Unit Trust t/a C-Wise.

A detailed bill of quantities was submitted by each tenderer under five (5) main tasks:

- Design and supply of MAFS;
- Installation of MAFS on site;
- Commissioning;
- Maintenance; and
- Recommended spare parts.

The contract term is three (3) years with two (2) optional one (1) year extensions exercisable at the absolute discretion of the EMRC for the maintenance of the MAFS and supply of spares.

*Item 11.1 continued*

An evaluation panel of EMRC officers assessed the submissions on the following criteria:

| Description of Qualitative Criteria | Weighting |
|---|---|
| (a) Previous experience in the design, supply, install and maintenance of mobile aerated floor system. | 25% |
| (b) Technical compliance with the Specification and technology offered to meet Principal's requirements for the mobile aerated floor system | 25% |
| (c) Methodology in project execution and demonstrated understanding of Principal's requirements | 10% |
| (d) Safety Management Performance and Process | 5% |
| (e) Environmental Management System and Process | 5% |
| **Total Weighting** | **70%** |

The price evaluation was weighted at 30%. After combining the weighted scores for both the qualitative criteria and price, Spartel Pty Ltd represented the highest rated overall assessment and provides the best value for money.

The implementation period for the supply, installation and commissioning of the MAFS is estimated to be up to six (6) months.

A contingency allowance of 10% of the contract sum is recommended to allow for any unforeseen circumstances that may arise during the contract works.

A licence amendment has been requested from DWER to conduct the trial composting of FOGO waste in the green waste processing area. DWER have flagged odour management as a high risk which may need additional funding going forward if the operational management controls are inadequate to manage odours to an acceptable level.

## 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

The Council resolution of 21 March 2019 approved funding of $400,000 (ex GST) allocated from the Secondary Waste Reserve. Since this time with the development of the budget for 2019/2020, an amount of $600,000 was allowed for in the adopted 2019/2020 Annual Budget which covers the cost of this tender.

## SUSTAINABILITY IMPLICATIONS

The FOGO trial is part of the long-term strategy of the EMRC to be ready for the implementation of FOGO collections from the member Councils over the next few years.

*Item 11.1 continued*

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

Tender RFT2019-002 Schedule of Rates (Ref: D2019/14014)

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That:

1. Council award Tender RFT2019-002 – Design, Supply, Install and Maintain a Mobile Aerated Floor System to Spartel Pty Ltd for $534,400.00 (ex GST) based on their tender for the MAFS as per the attached schedule including rates for the maintenance and estimated spare parts costs over a five (5) year period.
2. The CEO be authorised on behalf of the EMRC to enter into a contract with Spartel Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Spartel Pty Ltd.
3. Council authorise a 10% contingency based on the tendered price for any contract variations that may arise for Tender RFT2019-002.

The Director Waste Services provided a brief overview and discussion ensued.

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED CR STALLARD

That:

1. Council award Tender RFT2019-002 – Design, Supply, Install and Maintain a Mobile Aerated Floor System to Spartel Pty Ltd for $534,400.00 (ex GST) based on their tender for the MAFS as per the attached schedule including rates for the maintenance and estimated spare parts costs over a five (5) year period.
2. The CEO be authorised on behalf of the EMRC to enter into a contract with Spartel Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Spartel Pty Ltd.
3. Council authorise a 10% contingency based on the tendered price for any contract variations that may arise for Tender RFT2019-002

**CARRIED UNANIMOUSLY**

*Item 11.1 continued*

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR DAW

THAT:

1. COUNCIL AWARD TENDER RFT2019-002 – DESIGN, SUPPLY, INSTALL AND MAINTAIN A MOBILE AERATED FLOOR SYSTEM TO SPARTEL PTY LTD FOR $534,400.00 (EX GST) BASED ON THEIR TENDER FOR THE MAFS AS PER THE ATTACHED SCHEDULE INCLUDING RATES FOR THE MAINTENANCE AND ESTIMATED SPARE PARTS COSTS OVER A FIVE (5) YEAR PERIOD.
2. THE CEO BE AUTHORISED ON BEHALF OF THE EMRC TO ENTER INTO A CONTRACT WITH SPARTEL PTY LTD IN ACCORDANCE WITH THEIR SUBMITTED TENDER, SUBJECT TO ANY MINOR VARIATIONS THAT MAY BE AGREED ON BETWEEN THE CEO AND SPARTEL PTY LTD.
3. COUNCIL AUTHORISE A 10% CONTINGENCY BASED ON THE TENDERED PRICE FOR ANY CONTRACT VARIATIONS THAT MAY ARISE FOR TENDER RFT2019-002.

**CARRIED UNANIMOUSLY**

# Schedule of Rates - Spartel Pty Ltd

| MAFS | | | Spartel | |
|---|---|---|---|---|
| DESCRIPTION | UNIT | QUANTITY | PRICE (ex GST) | TOTAL PRICE (ex GST) |
| Design and supply MAFS | Lot | 1 | $ 350,000.00 | $ 350,000.00 |
| Installation of MAFS on Site | Lot | 1 | $ 35,000.00 | $ 35,000.00 |
| Commissioning | Lot | 1 | $ 15,000.00 | $ 15,000.00 |
| Maintenance services | Quarterly | 20 | $ 1,025.00 | $ 20,500.00 |
| Recommended Spares | Lot | 1 | $ 113,900.00 | $ 113,900.00 |
| | | | | |
| **Total Cost** | | | | **$ 534,400.00** |

Spartel Spares

| Description | Quantity | Unit Price | Total Price |
|---|---|---|---|
| Forced Aeration Power Plant (FAPP)<br>Complete MAF system to ensure peak FOGO processing capability. | 1 | $ 95,000.00 | $ 95,000.00 |
| Aero Pipes | 4 | $ 1,500.00 | $ 6,000.00 |
| Air Supply Flex | 1 | $ 1,800.00 | $ 1,800.00 |
| SS WTRANS T Probes 1m (centre | 3 | $ 1,800.00 | $ 5,400.00 |
| SS WTRANS T Probes 2m (bottor | 3 | $ 1,900.00 | $ 5,700.00 |
| | | | |
| Total | | | $ 113,900.00 |

## 11.2 WASTE MANAGEMENT COMMUNITY REFERENCE GROUP MEMBERSHIP RECRUITMENT

**REFERENCE: D2019/12670 (WAC) – D2019/14020**

### PURPOSE OF REPORT

The purpose of this report is to seek Council endorsement for additional members for the Waste Management Community Reference Group (WMCRG).

### KEY POINTS AND RECOMMENDATION(S)

- The current membership of the WMCRG is standing at eight (8) members.
- Expressions of interest were sought from the community for additional members.
- There were eight (8) applications received by the close off date and seven (7) of these are recommended for acceptance.
- This will take the membership of the WMCRG to the recommended maximum of fifteen (15) members and provide representation from all member Councils.

**Recommendation(s)**

That Council endorse the nominations of the following community members for a two (2) year term expiring on 31 August 2021:

- Ms Gina Ogilvie;
- Mr Nick Sibbel;
- Ms Kristy Walden;
- Ms Robyn Walsh;
- Ms Jodi Gardener;
- Ms Belinda Henderson; and
- Mr Alan Wicks.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

The WMCRG was formed in 2002 with membership drawn from the member Council areas.

The WMCRG purpose as detailed in the Terms of Reference is to:

a. Provide ongoing input and feedback to Council through the Waste Advisory Committee (WAC) formerly the Resource Recovery Committee (RRC) on the Community Waste Education Program;

b. Assist the EMRC with the development of further educational (i.e. communicative, participatory, consultative) requirements for the Community Waste Education Program, by identifying the information needs of different groups in the community;

c. Provide feedback on the development of key performance indicators for the ongoing monitoring of the Community Waste Education Program;

d. Assess the social, environmental, economic and technical issues associated with proposed resource recovery technologies and report to the WAC;

*Item 11.2 continued*

e. Provide advice and recommendations to Council, through the WAC, on issues associated with resource recovery technologies including site selection and technology selection; and

f. Work with the environmental, social and economic sectors in an inclusive manner to achieve balanced outcomes for future waste management in the region.

At the 20 June 2019 meeting of Council it was resolved:

*THAT COUNCIL:*

1. *WRITE TO MS RUTH KENDALL THE DEPUTY CHAIRMAN ACKNOWLEDGING HER SERVICE ON THE WMCRG SINCE ITS INCEPTION.*
2. *ENDORSE THE RENOMINATION OF THE FOLLOWING WMCRG MEMBERS FOR A TWO (2) YEAR TERM EXPIRING ON 31 AUGUST 2021 AND ACKNOWLEDGE THEIR CONTINUING SUPPORT.*
   - *MS DIANNE KATSCHERIAN (CHAIRMAN);*
   - *MR ANTHONY FOWLER;*
   - *MS BELINDA HAMILTON;*
   - *MS CARMEL LUCK;*
   - *MR EDWIN DELL;*
   - *MR MALCOLM BARKER;*
   - *MR MARK SIMPSON; AND*
   - *MR RAY LEWIS.*
3. *ACCEPT THE AMENDED TERMS OF REFERENCE AND ROLES OF MEMBERS AND OFFICERS FORMING (ATTACHMENT 2) TO THIS REPORT.*
4. *ADVERTISE FOR EXPRESSIONS OF INTEREST FOR ADDITIONAL MEMBERSHIP IN THE WMCRG.*

**REPORT**

In order to increase the representation of the WMCRG across all six member Councils, expressions of interest were sought from the community via the EMRC's Earth Carers network and with assistance from the member Councils, Waste and Sustainability officers. Nominations closed on Friday, 16 August 2019.

There were eight (8) applications received by the close off date and seven (7) of these are recommended for acceptance. The existing and proposed new members are shown in the table below. With the addition of these new members this will take the membership of the WMCRG to the recommended fifteen (15) members and provide representation from all member Councils. The Cities of Bayswater and Kalamunda are slightly over represented but this is due to historical factors and the nominations received.

*Item 11.2 continued*

| Council | Current Members | Proposed New Members | Totals |
|---|---|---|---|
| Bassendean | Nil | Gina Ogilvie | 1 |
| Bayswater | Carmel Luck | Nick Sibbel<br>Kristy Walden<br>Robyn Walsh | 4 |
| Belmont | Nil | Jodi Gardiner | 1 |
| Kalamunda | Anthony Fowler<br>Mark Simpson<br>Belinda Hamilton | Belinda Henderson | 4 |
| Mundaring | Edwin Dell<br>Dianne Katscherian | | 2 |
| Swan | Malcolm Barker<br>Ray Lewis | Alan Wicks | 3 |
| **Total** | **8** | **7** | **15** |

The proposed new members were selected based on their interest in waste management and waste education as well as their connection with other community groups.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.3 To provide resource recovery and recycling solutions in partnership with member Councils

**FINANCIAL IMPLICATIONS**

Nil

**SUSTAINABILITY IMPLICATIONS**

The Resource Recovery Facility and/or Resource Recovery Park will contribute toward minimising the environmental impact of waste by facilitating the sustainable use and development of resources.

**MEMBER COUNCIL IMPLICATIONS**

| Member Council | Implication Details |
|---|---|
| Town of Bassendean<br>City of Bayswater<br>City of Belmont<br>City of Kalamunda<br>Shire of Mundaring<br>City of Swan | Nil |

ATTACHMENT(S)

Nil

*Item 11.2 continued*

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That Council endorse the nominations of the following community members for a two (2) year term expiring on 31 August 2021:

- Ms Gina Ogilvie;
- Mr Nick Sibbel;
- Ms Kristy Walden;
- Ms Robyn Walsh;
- Ms Jodi Gardener;
- Ms Belinda Henderson; and
- Mr Alan Wicks.

Discussion ensued

The Director Waste Services advised that eight (8) applications had been received with seven (7) positions available. All the applications were of a high calibre but due to the terms of reference limiting the number of members, only seven candidates are put up for endorsement.

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED CR STALLARD

That Council endorse the nominations of the following community members for a two (2) year term expiring on 31 August 2021:

- Ms Gina Ogilvie;
- Mr Nick Sibbel;
- Ms Kristy Walden;
- Ms Robyn Walsh;
- Ms Jodi Gardener;
- Ms Belinda Henderson; and
- Mr Alan Wicks.

**CARRIED UNANIMOUSLY**

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR DAW

THAT COUNCIL ENDORSE THE NOMINATIONS OF THE FOLLOWING COMMUNITY MEMBERS FOR A TWO (2) YEAR TERM EXPIRING ON 31 AUGUST 2021:

- MS GINA OGILVIE;
- MR NICK SIBBEL;
- MS KRISTY WALDEN;
- MS ROBYN WALSH;
- MS JODI GARDENER;
- MS BELINDA HENDERSON; AND
- MR ALAN WICKS.

**CARRIED UNANIMOUSLY**

## 11.3 FOGO STUDY TOUR – AUGUST 2019

**REFERENCE: D2019/12674 (WAC) – D2019/14021**

### PURPOSE OF REPORT

The purpose of this report is to advise Council on the outcomes of a visit to food organics and garden organics (FOGO) processing and composting facilities in the eastern states in August 2019.

### KEY POINTS AND RECOMMENDATION(S)

- A delegation of five (5) EMRC Councillors, five (5) WAC officers and four (4) EMRC staff visited FOGO processing facilities in NSW and Victoria during the week of 12 – 16 August 2019.
- Nine (9) organics processing facilities and one (1) waste plastic processing facility were visited during the week.
- The information gained from the visit will be used to help guide the development of FOGO processing and the associated issues of community education and market development at the EMRC's Red Hill Waste Management Facility.

**Recommendation(s)**

That:

1. The report be received.
2. The findings of the FOGO study tour be used to inform the future development of a long term FOGO strategy at the Red Hill Waste Management Facility.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

Visits to local, eastern states and overseas resource recovery facilities have been undertaken since 2000 as part of the research into alternative waste treatment for municipal waste to inform councillors and guide decision making for the Resource Recovery Facility and the development of the Resource Recovery Park.

A visit to eastern states resource recovery facilities was last conducted in October 2012 and involved a group of EMRC councillors and officers (Ref: DMDOC/171083). This visit covered resource recovery facilities in Adelaide, Melbourne and Canberra.

At its 20 June 2019 meeting, it was resolved:

*"THAT:*

1. *COUNCIL APPROVE A STUDY TOUR TO EASTERN STATES FOOD ORGANICS AND GARDEN ORGANICS (FOGO) PROCESSING AND COMPOSTING FACILITIES IN AUGUST 2019, DETAILS AND TIMING OF WHICH ARE STILL TO BE CONFIRMED. THE STUDY TOUR DELEGATION TO COMPRISE OF RELEVANT EMRC OFFICERS AND NOMINATED WASTE ADVISORY COMMITTEE MEMBERS, SUBJECT TO THEIR AVAILABILITY.*
2. *WASTE ADVISORY COMMITTEE COUNCILLOR(S) POWELL, MCKENNA, LAVELL, MCDONNELL OR DELEGATE BE AUTHORISED TO ATTEND THE STUDY TOUR OF FACILITIES.*
3. *WASTE ADVISORY COMMITTEE OFFICER(S) DOUG PEARSON, DIRECTOR WORKS AND INFRASTRUCTURE, CITY OF BAYSWATER; STEVE MORRISON, MANAGER WORKS, CITY OF BELMONT; CHRIS THOMPSON, MANAGER ASSET & WASTE OPERATIONS, CITY OF KALAMUNDA; ROGER HARIPERSAD, REGIONAL WASTE COLLECTION SERVICE (RWCS)*

*Item 11.3 continued*

*STEERING GROUP, SHIRE OF MUNDARING; COLIN PUMPHREY, MANAGER FLEET & WASTE SERVICES, CITY OF SWAN OR DELEGATE BE AUTHORISED TO ATTEND."*

**REPORT**

The EMRC delegation successfully completed the approved FOGO Study Tour between 12 and 16 August 2019. Delegates included:

- EMRC Chairman, Cr David McDonnell;
- WAC councillors Janet Powell, Barry McKenna, Doug Jeans and Adam Kovalevs;
- WAC officers Doug Pearson, Steve Morrison, Chris Thompson, Roger Haripersad and Colin Pumphrey, and;
- EMRC officers Marcus Geisler, Hua Jer Liew, Stephen Conway and Annette Rakich.

The EMRC's Director Waste Services was unable to attend the tour.

The EMRC was unable to organise a visit to an example of a Container Deposit Scheme (CDS) collection facility in NSW or QLD to inform decision making about the EMRC and the member Council's involvement in the upcoming CDS scheme in WA. A visit of CDS processing facilities is being arranged through WA Return Recycle Renew Ltd (WARRRL), the scheme coordinator for September 2019 and the EMRC will participate.

The following interstate locations and facilities were visited:

| | Facility Visited | Facility Details |
|---|---|---|
| New South Wales | ANL Badgery's Creek (coordinated by Penrith City Council staff) | Horticultural Products Production Facility licensed to process 150,000 tonnes per annum of organics, including forest residues, woodwaste and greenwaste. Uses ANL's Aerosorb engineered composting system. |
| | Awaba Waste Management Facility<br>Lake Macquarie | Organics processing facility operated by Remondis to process 44,000 tpa of FOGO waste into compost and soil amendment products using hybrid model of tunnels and MAF system. |
| | Cairncross Waste Management Facility<br>Port Macquarie | Organic Resource Recovery Facility – tunnel composting of FOGO waste/greenwaste/biosolids (24,000tpa) operated by Remondis. Also a MRF and a landfill. |
| | Coffs Coast Resource Recovery Park<br>Coffs Harbour | MRF for the processing of recyclables operated by Handbin Waste Services.<br>Alternative Waste Treatment facility which processes organics and mixed waste and is operated by Biomass Solutions using a tunnel system with mechanical turners, 50,000 tpa. |
| Victoria | Sacyr Dandenong Facility<br>Dandenong South | New $65 million industrial composting facility for processing 120,000 tpa of green and food waste into useful compost. Involves pretreatment, shredding, tunnel composting and screening of the final product and advanced odour control. |
| | Melbourne Zoo, Parkville | HotRot composting facility using animal waste and bedding. |
| | Advanced Circular Polymers, Somerton | Processing of contaminated mixed plastics into plastic flake. |
| | Rewaste, Wollert | Anaerobic digestion of commercial food waste and biosolids. |
| | Veolia Organics Facility, Bulla | Produces 80,000 tonnes per annum of compost and mulches from greenwaste and FOGO waste in aerated covered tunnels. |

*Item 11.3 continued*

The key findings of the FOGO study tour were as follows:

1. The selection of technology, scale of the plant is dependent on the economies of scale based on the availability and commitment of feedstock (FOGO Waste). The bigger the commitment, the greater the options and the lower the cost of the FOGO treatment per volume of waste.
2. Odour control in the facilities is well managed especially those that do not use bio solids in the FOGO treatment process.
3. The importance of waste education cannot be underestimated to make the FOGO process a success, especially to reduce the level of contamination by consistent messaging and increasing the levels of community engagement.
4. The demographics of the FOGO residents have a direct impact on the contamination levels, particularly transients (tourists or short term rentals) and high density living (apartments etc), both of which are difficult for community engagement and reinforcement.
5. Plastic bags contribute to the visual assessment of contamination but due to their light weight do not contribute significantly to the contamination levels quoted, thus remaining a problem for a clean finished compost product for sale.
6. Compostable bin caddy liners can't be easily differentiated from non-compostable bin caddy liners and the preference is for no caddy liners.
7. Participating councils in the FOGO journey should take greater ownership of the waste stream by not only focusing on the gate fee of FOGO waste disposal but also taking greater ownership with stake in the sales of the end products.
8. Container Deposit Schemes are highlighted by various operators as a critical missing element in reducing contamination at the source for FOGO waste.
9. As it is a long term facility, cater for 10% overdesign and factor in population growth (Sacyr was 100,000 tonnes committed but designed for 120,000).
10. Depending on the end market, the maturation time can be shortened, thus the throughput increased with the same front end.
11. Contamination management at the receival end is preferred, with a picking cabin preferred over floor pickers (Occupational Health and Safety - OHS).

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.3 To provide resource recovery and recycling solutions in partnership with member Councils

**FINANCIAL IMPLICATIONS**

Funds are budgeted in the 2019/2020 budgets to Undertake Resource Recovery Project Study Tour ($14,000) for the purpose of visits to Resource Recovery Facilities.

**SUSTAINABILITY IMPLICATIONS**

The implementation of FOGO processing at the Red Hill Waste Management Facility is a key part of the Waste Authority's State Waste Strategy.

*Item 11.3 continued*

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

FOGO Study Tour 12 – 16 August 2019 – Delegates Report (Ref: D2019/14015)

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That:

1. The report be received.
2. The findings of the FOGO study tour be used to inform the future development of a long term FOGO strategy at the Red Hill Waste Management Facility.

Presentation

The Manager Engineering and Waste Operations provided an informative presentation of the nine (9) facilities visited during the Study Tour, highlighting the key technology design layout and feedstock used at each of the sites.

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED CR STALLARD

That:

1. The report be received.
2. The findings of the FOGO study tour be used to inform the future development of a long term FOGO strategy at the Red Hill Waste Management Facility.

**CARRIED UNANIMOUSLY**

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR DAW

THAT:

1. THE REPORT BE RECEIVED.
2. THE FINDINGS OF THE FOGO STUDY TOUR BE USED TO INFORM THE FUTURE DEVELOPMENT OF A LONG TERM FOGO STRATEGY AT THE RED HILL WASTE MANAGEMENT FACILITY.

**CARRIED UNANIMOUSLY**

# FOGO Study Tour

# 12 – 16 August 2019

## Delegations Report

**Prepared by Stephen Conway, Manager Engineering and Waste Operations**
**Waste Advisory Committee (WAC)**
**September 2019**

**DOCUMENT CONTROL**

| Version | Description | Date | Author | Reviewer |
|---|---|---|---|---|
| A | Resource Recovery Study Tour 12-16 August 2019 | 22/08/2019 | S Conway | S Fitzpatrick |
| | | | | |
| | | | | |

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# 1 Waste Facilities

## 1.1 Australian Native Landscapes Pty Ltd (ANL) Composting Facility, Badgery's Creek, NSW

Australian Native Landscaping Pty Ltd (ANL) is a privately-owned horticultural product manufacturer. The main facility is in Badgery's Creek and comprises a 75-acre site (Figure 01), along with this facility there are seven satellite open windrow composting facilities ranging between 200-300km from the main facility.

The owner/operators of the site have a preference for the open window method of composting and have applied that method within their business model for over 30 years. Most of materials are collected and prepared for composting at the main facility and then distributed to satellite facilities for maturation and product enrichment and finally, sale. The satellite facilities allow for the increased processing of materials including forest waste, greenwaste, bio-solids and more recently FOGO.

ANL provides a wide variety of materials to the landscaping market everything including but not limited to sands, gravels, mulch, compost, soil improver, and soils. The site has its own laboratory ($360K) for testing products to ensure quality control. They bag products on site and palletise for sale during the growing season normally from the end of August to January/February. They expect to move up to 5,000 pallets during this period and annually up to 400,000 tonnes of material is turned over on the site.
Preferred stock grades of screened maturated compost are:

- 50mm to 15mm;
- 15mm down.

ANL receive mixtures of FOGO and GO where the input material has contamination of 9% and 5% respectively. To compost into a usable product, it needs to be <1% therefore de-contamination is required.

ANL have constructed a sorting shed with an aerated floor for around $5m. The shed is 50m x 75m (3,750m$^2$) and can handle a throughput up to 50,000t per annum of FOGO. Originally all sorting was to be achieved by spreading the load on the floor and then handpicking. Unfortunately, this method has become too onerous and an MRF style sorting station is on order with 8 stations to be installed within the shed. This was a contingency in the original shed design and therefore will fit in without any modifications to the shed structure.

Penrith City Council has had FOGO for 10 years and its selling pitch to the public is "the material is going back on the kids play fields, so keep it clean".

The Council has two waste charges that can be applied to the residential rates. The first of which is the Sustainability package (not standard). This costs $400/annum comprising of the FOGO, Recycling, and General Waste. Residents can opt out and only utilise the standard package consisting of Recycling and General Waste bins, however will be charged $900/annum. Alternatively, if residents do not maintain good segregation of the materials within the three bins, then they can be removed from the sustainable package and charged an additional $500 for a continued service without the FOGO bin.

The FOGO bins from the City have food content of 10% with 90% greenwaste, approximately 7kg and 9kg per weekly bin lift.

The total volume of waste increases with the introduction of the FOGO bin mainly from an increase in the disposal of greenwaste that may have been captured by bulk verge or direct drop off previously.

The owner of ANL, does not believe the tunnel system is very efficient but others have successfully developed the tunnelling process. It was also mentioned that the Council does not give out caddy bags and it has been noted that the bags used are sometimes not compostable and also contaminated. It was recommended to go with Caddies only with no bags. With FOGO, the contamination increases dramatically as the food packaging which is a major issue. An example given was residents had a mouldy loaf of bread already in contaminated packaging, when disposing into the FOGO system, instead of disposing only the mouldy bread, the packaging was not removed, therefore causing contamination and not seen hidden in the caddie bags at disposal time.

**Odour Level:** This facility processes many products from forestry waste, greenwaste, FOGO, and bio-solids. Considering the sorting shed was solely for the use of FOGO the odour there was not offensive and this maybe be down to the level of food waste within the FOGO (10%). As a precaution to manage odours the shed was fitted with negative air pressure bio-filter. It certainly is no worse than clean greenwaste composting and substantially better than a tip face.

## 1.2 Awaba Waste Management Facility (Remondis), Lake Macquarie, NSW

Remondis operates this composting facility for Port Macquarie-Hastings Council on a 15 to 18-year contract. This facility was designed to process 44,000 t/yr of FOGO at set up cost of $12m. The facility occupies an area of 3 hectares comprising of:

- administration offices;
- under cover receival area - 1,560m$^2$ (41m x 38m);
- five (5) in-vessel tunnels – 1,312m$^2$(41m x 32m), one for each working day, Monday to Friday;
- MAF area – 6,300m$^2$ (113m x 54m);
- Final screening area – 4,500m$^2$ (46m x 95m); and
- Leachate pond – 3,832m$^2$.

An aerial of the site is shown in Figure 02 below:

The site was commissioned Aug 2018 and is still fairly new. The process is as follows, FOGO received straight from collection trucks to receival area and lightly decontaminated (typical contamination is 1.4%) and shredded. The facility does not accept bio-solids. It is then loaded in the current day's tunnel; there is one for each day of the week Monday thru to Friday. There are no tunnels for Saturday or Sunday as there is no collections. The daily intake is fully processed each day with clean floor ready for the next day.

Frome there the FOGO will remain for 1 week to maturate; the tunnel allows for exact control of temperature and moisture. The air is recirculated to minimise odours and leachate is recirculated to reduce fresh water usage. The following week, the tunnel is emptied on to MAF system and aerated for 6 weeks with 3 movements of the windrows the ensure homogenisation of the compost. It is then screened, wind sifted, and transported from site for sale.

The main advice given was that education is essential and cannot be started early enough, preferably at least 12 months before services commence. The council has 240,000 residents and employs a green team of 6 waste educators in its waste team. Once the service commences, ongoing policing of the bins must continue to ensure that the contamination levels are low. The Council has a fairly static population with few rentals and State-owned properties; therefore, the residents have adopted the FOGO concept more readily. The council claims 65% recovery from landfill with the current 3-bin system incorporating FOGO. The final product is currently owned by Remondis and is sold on for landscaping and private gardens. There is a 30% by weight loss in the system processing mainly due to a loss of moisture. The site accepts approximately 16 to 20 trucks per day for delivery to the site. It was noted that due to seasonal conditions, the winter intake is roughly 2,000 t/month and during the summer it is upward of 4,000 t/month. The introduction of the Container Deposit Scheme has had a positive impact on reducing contamination, in particular, glass contamination.

This process could be part of a viable option for Red Hill but would require a pre-process picking station to ensure contamination is minimised. It may also be advisable to include a fixed aerated floor for the maturation process preceding the tunnel system. A fixed aeration floor was not possible at this site due to unstable ground conditions as a result of construction on an old landfill cell.

**Odour Levels** at the facility were not offensive, which may be due to low food content within the FOGO and the fact that it was loaded into the tunnel as it soon as it was decontaminated. This facility only took FOGO as is proposed for Red Hill.

This process could be part of a viable option for Red Hill but would require a pre-process picking station to ensure contamination is minimised. It may also be advisable to include a fixed aerated floor for the maturation process preceding the tunnel system. A fixed aeration floor was not possible at this site due to unstable ground conditions as a result of construction on an old landfill cell.

## 1.3 Cairncross Waste Management Facility (Remondis), Port Macquarie, NSW

The Cairncross Waste Management Facility (CWMF) covers a 143.8ha site, commenced operation in October 2001 after a comprehensive site selection and design process, and is Council's key solid waste management facility. The CWMF has been progressively developed and expanded upon and provides for a multi-functional operation, including:

- Collection area with weighbridge;
- Landfill;
- Organic Resource Recovery Facility;
- Materials Recycling Facility;
- Transfer Station;
- Gas bottle recycling centre;
- Planned resource recovery precinct;
- Stockpile area including concrete crushing trial;
- Water supply dam;
- Other site infrastructure (including office and staff amenities), and
- Planned sewage treatment plant.

The facility accepts FOGO from Port Macquarie and Hastings plus green waste from separate contractors. In addition to FOGO and greenwaste it also accepts Bio-solids trucked in from Port Macquarie.

The material input is handpicked to remove any remaining contamination. This is done by spreading out with a loader and using a person to pick out the contamination. The material is generally less than 1% contamination by weight. All trucks are inspected for contamination and trucks can be rejected if excessive contamination is found.

There is around 10% food waste to greenwaste in FOGO bins as delivered from the City and consistent with council FOGO rates.

The facility prepares a recipe for the composting process that has a composition of 33% FOGO, 33% greenwaste and 33% Bio solids.

The process at this facility includes:

- Decontamination;
- Mixing of FOGO, greenwaste and bio-solids;
- Grinding of prepared mixture;
- Loading in to a tunnel and left to maturate for 9 days;
- Transferred to another tunnel to ensure homogenisation for a further 9 days;
- Then open air windrowed for a further 9 days;
- Then screened to 15mm and 40mm; and
- Sold to market for between $25 to $38/t.

There is a 30% weight loss from the feed stock to the outgoing final product. The main markets are to macadamia farms and vineyards. As a result of utilising bio-solids in the process, the product cannot be bagged due to potential health risks.

**Odour Level:** At this facility the odour was highly offensive due to intake of bio-solids due to its location and distance from neighbours it lacked any air filters or bio filters. It would not be recommended that Red Hill receive bio-solids at its facility without it being fully enclosed and include negative pressure with bio filters.

## 1.4 Coffs Coast Resource Recovery Park, Coffs Harbour, NSW

This facility is owned and operated by Coffs Harbour City Council and comprises of:

- Materials Recovery Centre (yellow top);
- Drop off Centre (transfer station);
- Alternative Waste Treatment facility (FOGO, Greenwaste & General waste);
- Education Centre; and
- Landfill (3 years of air space remaining).

The facilities biggest advantage is all the waste processing services for the waste collection trucks from the 3-bin program.

Coffs Harbour is the first City to go FOGO in NSW, utilising a 44,000 service 3-bin system. They boast 88% diversion from landfill by utilising the AWT to remove organics and recyclables from the general waste bin (red top). The FOGO contamination rate varies between 0.5 – 3.0% depending on collection areas. Lower socio economic areas were mentioned for higher contamination rates. It was recommended that if kitchen caddies are provided that no compostable bags are given or allowed as they tend to contain higher contamination. It

was recommended to ensure that factor of safety be applied to the sizing of the plants' footprint as it is better being slightly too big than too small.

The AWT plant is fully enclosed with negative pressure bio filters and accepts 50% general waste, 30% bio-solids, and 20% FOGO with no compostable bags allowed. The whole process was extremely odorous within the building but unnoticeable outside. The FOGO process involves receival, decontamination by handpicking on the floor, shredding and placement within one of the tunnels. It is essential that plastic is removed before shredding as one piece of plastic can becomes 300+ post shredding.

The general waste is mechanically ripped to remove organics, metals, and plastics. The organics along with the bio-solids are added to FOGO/Greenwaste mix for composting. Once in the tunnel it slowly turned over 21 days until primary maturation is achieved. There is a specialised turner that traverses the tunnel, gradually moving the compost from the start of the tunnel to the end, 20 tonne enters the tunnel and 12 tonne is removed at the other end. The final product is then, matured for a further 30 days in outside windrows.

The final product is sold in bulk for $40 to $50/t and in smaller amounts to the general public as per the price list below.

| PRODUCT | BAGS (20KG) | HALF LOADS | RETAIL (TRAILER/UTE) | TRADE (MIN 10M³) |
|---|---|---|---|---|
| Compost | $6.00 | $18.00 | $30.00 | $24.00 per M³ |
| Compost Plus | $6.60 | $25.00 | $40.00 | $35.00 per M³ |
| Budget Blend | N/A | N/A | N/A | per M³ |
| Sand | N/A | $25.00 | $37.00 | N/A |
| Pasturised Mulch | N/A | N/A | $24.00 | $18.00 per M³ |

The council's annual waste charge is presently set at $635/annum.

**<u>Odour Level</u>:** This facility due to bio-solids intake had very noxious odours within the building but due to an extensive negative pressure filtration system there was no odour outside.

## 1.5 Sacyr Environment, Dandenong South, Victoria

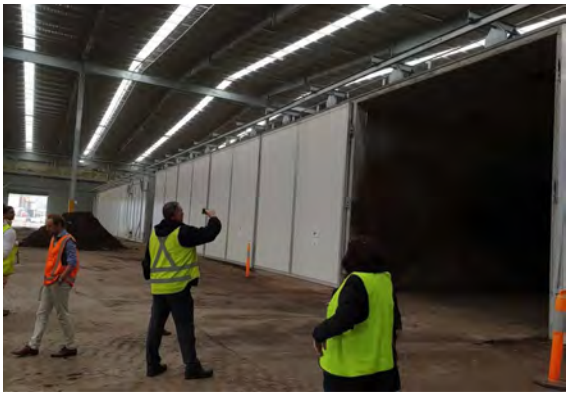
Sacyr is in the commissioning phase of its waste treatment plant in Melbourne. The waste treatment plant includes mechanical and biological treatment for municipal organic waste in Dandenong South (Melbourne, Victoria). The site is located in the middle of an industrial area with neighbours on each boundary as show in the aerial image below. To achieve this, the whole composting process is carried out within the factory building, utilising a negative pressure bio filtration system to neutralise odours. The building is 85m by 215m with an area of 18,275m$^2$ and can process up to 120,000 t /annum at a capital cost of around $45m excluding the land cost.

Of all the facilities visited, this was the most advanced but still seemed to lack some essential processes to make it better, such as a picking line at the front end and an aeration floor for final maturation. It was mentioned that the commissioning phase highlighted the need for a picking line at the frontend and that one was on order to be installed before commissioning is complete. At the back end it was noted that they chose wind turners (pic below) over an aerated floor. This was to save on capital costs. These wind turners cost around $700k each. The intention was that one (1) unit would suffice but the commissioning phase has highlighted the need for two (2) units therefore possibly negating the savings made by not installing the aerated floor for the maturation process.

The building is divided into 3 distinct sections as follows:

1. Receival/ mechanical separation of contamination, German;

2. In vessel tunnels fully enclosed concrete structures, with computer controlled temperature and moisture (Dutch design);



3. Maturation phase utilising static windrows, turned by mechanical wind turner.

The whole process takes 6 weeks from start to finish as follows:

- Receival and decontamination;
- 1 week invessel;
- Transfer to another invessel for another week;
- 4 weeks on the maturation floor;
- Screening (15mm and 40mm) and wind sifting (remove any remaining light plastics);
- Remove from site for sale.

The final product is sold for approximately $35 - $40 /t. The food to greenwaste percentage is less than 15%, contamination levels are low. They will be taking material from 8 surrounding Councils or 1.2 million residents. The facility took 12 months to construct against original estimates of 18 months so they are ahead of schedule. It took 6 years to get the agreements and business sorted out with the councils and to build the facility. Main issues were that none of the 8 councils were on the same page with the contracts and wanted different contract amendments. This led to heavy involvement of lawyers going around in circles.

The gate fees are $108/t for greenwaste and $130/t for FOGO which covers processing, capex and profit.

This facility would be perfect for Red Fill due to its small footprint but the commissioning issues would need to be addressed.

The facility is located in a built up commercial area so odour control is a major priority.

**Odour Level:** Odour levels within the building and starting at the receival area were not offensive and got even less offensive through the tunnel area and the final maturation area. The structure had a very sophisticated bio air filtration system that is a necessity due to its location with in the metro area of Melbourne.

## 1.6 Advanced Circular Polymers, Somerton, Victoria

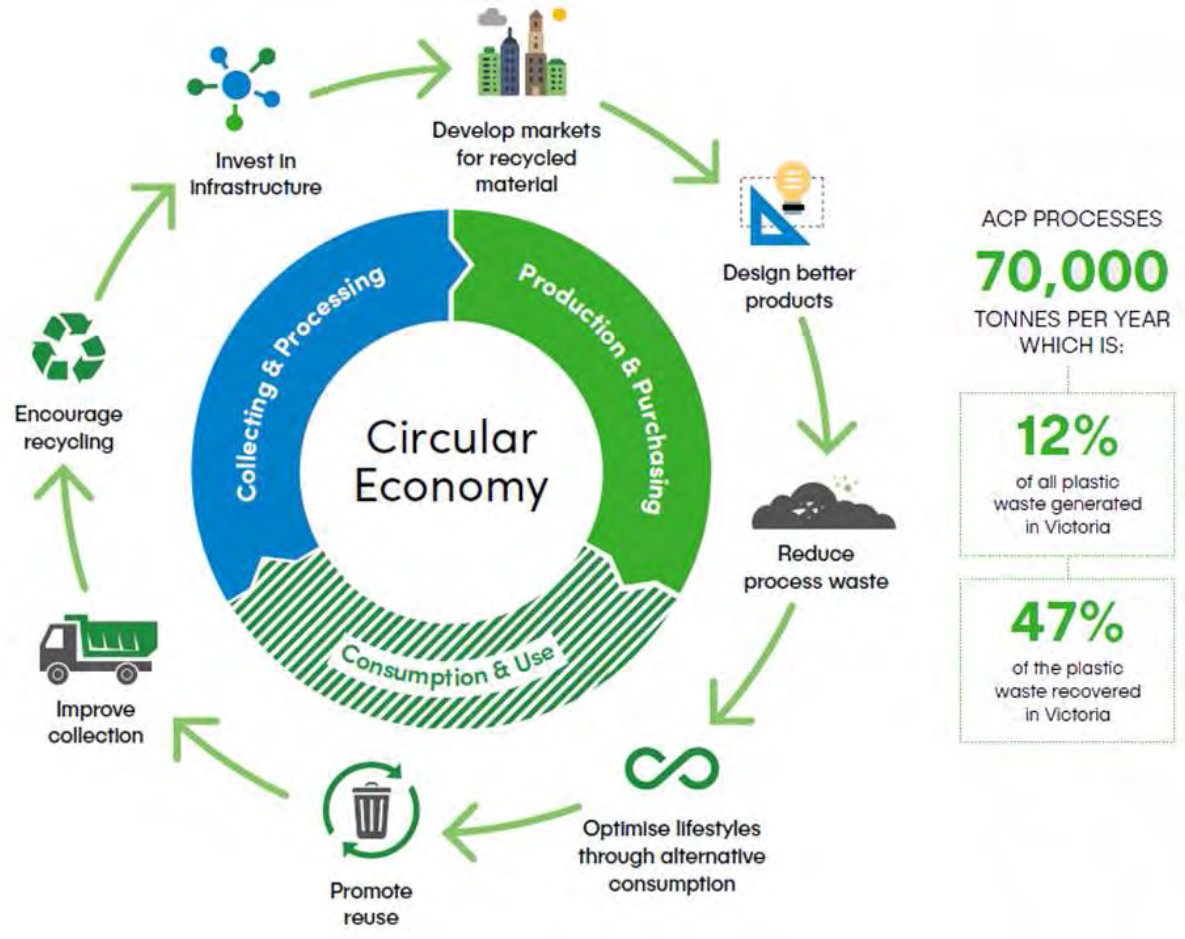
ACP runs Australia's largest plastics recycling plant. ACP is proud to lead the way in innovative technology and deliver a sustainable solution to the global plastics crisis by removing plastics waste from the environment.

With a $20 million dollar state-of-the-art facility and processing capability of 70,000 tonnes a year – equivalent to almost half of all plastics currently recovered across Victoria – ACP is a passionate driver of a circular economy.

Rather than plastic being collected, sent overseas, reprocessed then sent back to Australia they close the loop and find a sustainable solution locally.

The process involves transforming large quantities of low-value contaminated mixed plastics from households, commercial and industrial factories into high-quality commodities that can go directly into the manufacture of new products.

The plastics MRF cleans, grinds and sorts the plastics into flakes for resale. There were some safety concerns regarding the air quality with in the plant as it very dusty and with no air filtration system.

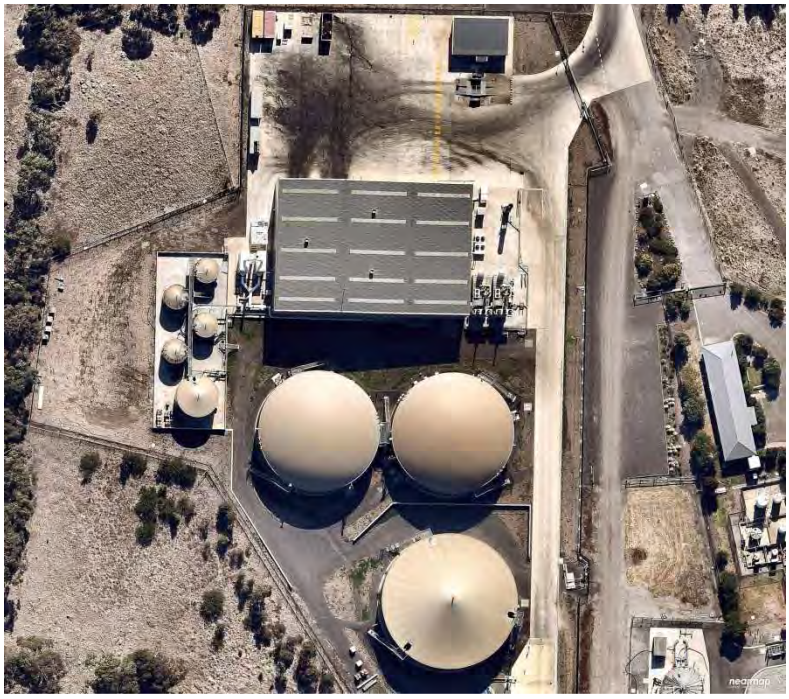



**Odour Level:** This facility had no system for air filtration and therefore the air quality was very bad due to the very high particle count but odour really was not a big issue.

## 1.7 Rewaste, 525 Craigie burn Road East, Wollert, Victoria - Wollert Waste to Energy Facility

Yarra Valley Water's first waste to energy plant is an award-winning solution to the problem of organic waste polluting our environment.

The facility, located at Wollert in Melbourne's north, became fully operational in May 2017 – a first for Victoria, and a first for the water industry in Australia. The waste input feedstock comprises of food waste from farmers, producers, mums and dads, and liquid waste such as whey, and grease trap. Unfortunately the process is very sensitive, and if the wrong organic is input, even small quantities, the whole process can slow or stop completely. New materials must be pretested to determine the reaction within the Anaerobic Digestion (AD) plant and approval can take up to five (5) months.



The end product is a liquid and is disposed to the sewer network to seed with bacteria due to its high content. The reduction is of intake material versus out take is 10% for solids and only 2-3% for liquids. This process would not be suitable for FOGO due to its dry content - other AD technologies would be more appropriate. The generator sets have operational and maintenance costs of $40/hr.

Waste producers, such as markets or food manufacturers, deliver the equivalent of 33,000 tonnes of commercial food waste to the Wollert facility each year. This diverts thousands of tonnes of waste away from landfill and can produce methane that is utilised to generate around 22,000 kilowatt hours of base load electricity seven (7) days a week 24 hrs a day, the equivalent power demand of around 1,300 homes.

The facility sits next to Yarra Valley Water's Aurora sewage treatment plant, generating enough energy to power the facility and the sewage treatment plant. Excess energy is exported to the electricity grid.

Turning waste into energy benefits Victoria by helping to reduce landfill, and cuts greenhouse gas emissions. By reducing their energy costs, these facilities will also help to keep water bills lower.

**Odour Level:** The odour levels were tolerable within the receival area and from there on within and outside of the plant there was no noticeable odour issue.

## 1.8 Melbourne Zoo, HotRot 3518 Composting Facility, Parkville, Victoria

Melbourne Zoo was the first zoo to achieve carbon neutral certification. The Sustainability Manager stated that the zoo intends to send zero waste to landfill by 2023. This is achieved by a number of methods including, enforcing the Zoo's food outlets utilise compostable packaging. The packaging includes soft plastics (Type 7 PLA), coffee cups, bowls, and cutlery as shown below.

The compostable bins that are located throughout the Zoo are collected and screened of any contaminants (still contamination even with clear instructions and pictures on the bins) before mixing with greenwaste and animal waste. The homogenised material is then placed with in the HotRot slow grind hopper for processing.

It takes approximately 10 days from the hopper and passes through the system. It can process up to 2.5t/day or 1,000 t/a. The largest HotRot system can process 5t/day or 2,000t/annum. The zoo sells the compost for $10-$15 for a 30 litre bag of fertilizer and the operational cost is around $60 per hour. This system is perfect for small scale operations such as the Zoo or a farm or possibly on an island.

**Odour Level:** The zoo had its usual smells and the Zoo's waste to compost area was not very odorous with the main source coming from the fresh fees stock which included bio solids from the zoo animals.

## 1.9 Veolia Bulla Organics Facility, Bulla, Victoria

This facility is essential a sister of the Sacyr's facility but with notable differences. It is not fully enclosed with the receival and final maturation areas outside. Inside the shed, the decontaminated material is shredded and loaded in to the tunnels. These tunnels do not have a concrete roof like Sacyrs' but utilise a tarp as a cover similar to that of semi-truck trailer. As with Sacyr the temperature and moisture content is carefully managed to ensure that maturation occurs. The capital cost was $14m and services the North Western Melbourne group of 11 councils. The gate fee for FOGO is around $85/t. The present contamination is between 2.5% and 10%.

The process from start to finish is as follows:

- Pre work: to take out visible hazardous and large items;
- Decontamination: 6 - 8 sorters plus 2 loader operators;
- Shredding: to bring material to an even particle size;
- Composting Vessels: 14 composting vessels. 300cubic meters each. Forced aeration in the vessels;
- The material remains in the vessel at 55C for 72 hours to kill of any seeds /bugs, then in the vessel for a further 7 to 10 days;
- 800 air holes in each floor. Air extracted from the top and feed back into the floor through the 800 holes. Constructed using retractable tarp roof and removable (by loader) front feed doors;
- Windrow for 4 to 6 weeks – prefer windrows outside. No advantage to be inside apart from odour control. Capital cost is high with under cover systems. Leachate management is an issue, and sufficient leachate ponds required;
- Screening for various sizes;
    - <20 mm compost;
    - 20 -60 mm mulch;
    - > 60 mm oversize; and
- Wind shifter to remove any soft plastics.

Major Markets:

- Broad acre farming; and
- Urban Soil Blends.

Benefits of green waste processing:

- Organic matter out of landfill;
- Reduces use of synthetic fertilisers;
- Reduces water use;
- Prevents run off; and
- Suppresses diseases.

Veolia are involved in a trail farm in Northern Victoria where damaged land has been bought back to productive land using the compost from FOGO processing at their operation in Bulla. Tomatoes produced at the site have shown the highest tomato yield in Australia. When material is transported to agricultural areas (up to 350 km) transport becomes the highest cost in the whole process.

This facility was managed to a very high standard and could easily be a viable option at Red Hill. Some suggested modification would be to enclose all of it to ensure that leachate management is kept in check.

**Odour Level:** This facility was mainly open area except for the feedstock grinding, homogenisation area, and the in-vessel tunnels. Even then the shed was mostly open to the environment. The Shed did have a negative pressure air bio filtration system. In general the odour was not offensive and managed correctly by utilising the correct equipment.

## 11.4 DRAFT FOOD ORGANICS AND GARDEN ORGANICS (FOGO) WASTE STRATEGY

**REFERENCE: D2019/12734 (WAC) – D2019/14022**

### PURPOSE OF REPORT

The purpose of this report is to provide a draft Food Organics and Garden Organics (FOGO) Waste Strategy for consideration by Council.

### KEY POINTS AND RECOMMENDATION(S)

- The options for the processing of FOGO waste at the Red Hill Waste Management Facility (Red Hill) have been investigated further since the December 2018 and March 2019 Council meetings.
- The Mobile Aerator Floor (MAF) composting system is being procured for a FOGO composting trial at Red Hill.
- The draft FOGO Waste Strategy has been updated since being developed in March 2019 and is attached for consideration.

**Recommendation(s)**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Waste Strategy.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

In February 2018 the Town of Bassendean advised the EMRC that, inter alia "the Town would like to work with the EMRC to explore alternative options to the incineration of the Town's residual waste, including a trial/scalable anaerobic digester facility at the EMRC's Red Hill Facility for the Town's residual waste". The EMRC acknowledged this advice at their March 2018 Council meeting.

In October 2018, the City of Bayswater advised of their intention to introduce FOGO and requested that the EMRC undertake investigations in relation to best practice FOGO processing for the City of Bayswater and other interested parties collaboratively with the City of Bayswater to enable the implementation of FOGO in a timely manner. A meeting was held with the City of Bayswater on 6 November 2018 to gather a fuller understanding of their proposal and future requirements.

Further at its 6 December 2018 Council meeting it was resolved (Ref: D2018/17076):

"*THAT COUNCIL:*

1. *ACKNOWLEDGE THE REQUESTS FROM THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER FOR THE INVESTIGATION OF THE PROCESSING OF FOOD AND GARDEN ORGANIC WASTE (FOGO) AT THE RED HILL WASTE MANAGEMENT FACILITY.*
2. *NOTES THE OPTIONS BEING CONSIDERED FOR THE PROCESSING OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *AS PART OF THE VARIOUS OPTIONS BEING CONSIDERED, THAT INVESTIGATIONS AND COST MODELLING BE UNDERTAKEN ON OPTIONS TO ESTABLISH AN INTERIM FINANCIAL ARRANGEMENT ON BEHALF OF MEMBER COUNCILS, WITH SOUTHERN METROPOLITAN REGIONAL COUNCIL OR OTHER APPROPRIATE THIRD PARTIES FOR*
4. *THE PROCESSING OF FOGO COMMENCING 1 JULY 2019 UNTIL THE RED HILL WASTE MANAGEMENT FACILITY IS ABLE TO RECEIVE AND PROCESS FOGO WASTE.*

*Item 11.4 continued*

5. *REQUEST THE OUTCOME FROM THE REVIEW OF THE VARIOUS OPTIONS INCLUDING COST MODELLING BE PRESENTED TO THE MARCH 2019 ORDINARY COUNCIL MEETING."*

At its 21 March 2019 meeting of Council, it was resolved (D2019/05266):

*"THAT:*

1. *THE EMRC BEGIN THE PROCESS OF DEVELOPING A LONG-TERM FOOD ORGANIC & GARDEN ORGANIC (FOGO) STRATEGY INCLUDING, IF REQUIRED, SEEKING EXPRESSIONS OF INTEREST FOR THE APPROPRIATE TECHNOLOGY TO IMPLEMENT LONG-TERM FOGO PROCESSING SOLUTIONS TO CATER FOR ALL MEMBER COUNCIL WASTE STREAMS.*
2. *IN THE INTERIM, THE EMRC PROCEEDS WITH THE PROCUREMENT PROCESS AND LICENCE APPROVAL FOR THE ADDITION OF A TRIAL MOBILE AERATOR FLOOR (MAF) COMPOSTING SYSTEM FOR THE PROCESSING OF UP TO10,000 TPA OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *APPROVES THE EXPENDITURE OF UP TO $400,000 EX GST FOR THE PURCHASE AND INSTALLATION OF A SUITABLE MAF SYSTEM, INCLUDING HARDSTAND INSTALLATION AND THAT THE FUNDS BE ALLOCATED FROM THE SECONDARY WASTE RESERVE.*
4. *NOTES THAT INTERIM ARRANGEMENTS ARE AVAILABLE WITH SEVERAL THIRD PARTY PROCESSORS OF FOGO WASTE IF THE INSTALLATION OF A PROCESSING FACILITY OR THE LICENCE APPROVAL IS DELAYED FOR WHATEVER REASON BEYOND PLANNED START DATES FOR FOGO COLLECTIONS BY MEMBER COUNCILS.*
5. *ADVISE THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER OF THE COUNCIL RESOLUTION AND AUTHORISE THE CEO TO ENTER INTO NEGOTIATIONS WITH THESE MEMBER COUNCILS FOR A SUITABLE PROCESSING ARRANGEMENT.*
6. *SEEK FUNDING SUPPORT FROM THE WASTE AUTHORITY FOR THE FOGO TRIAL AT THE RED HILL WASTE MANAGEMENT FACILITY.*
7. *THAT THE EMRC EXPLORE ALL MARKETING OPPORTUNITIES FOR THE COMPOST PRODUCT DURING THE FOGO TRIAL PERIOD."*

**REPORT**

Since the March 2019 Council meeting, the draft FOGO waste strategy has been reviewed in light of the FOGO study tour in August (refer WAC report item 11.3), the unsuccessful grant application to the Community & Industry Engagement in April 2019 and collaboration with member Council councillors and officers.

The updated draft strategy is attached for consideration and adoption by Council.

Key steps in the strategy relate to the introduction of a best practice FOGO system involving nine (9) important steps. These steps will be followed by the EMRC:

1. Costed plan: Develop implementation plan that is fully costed and well accepted by Council
2. Early stage community engagement: Develop some early messaging about WHY
3. Design of service: Cost modelling of different service offerings to identify the optimum service delivery
4. Collection and processing tender: Developing tender specifications, call for tenders and tender evaluation to obtain the best value for money collection and/or processing contractor
5. Trial of service: Involve the residents in a trial to identify and resolve issues with a view to minimising contamination
6. Preparation: Stage the rollout, prepare FAQs and risk management plan, prepare media and marketing plan, identify multi-unit dwelling (MUD) issues and management, stakeholder engagement plan

*Item 11.4 continued*

7. Communications and education plan: Centrally planned, design, staged community education and rollout in consultation with member Councils with the education team centralised at the EMRC in consultation with participants and participating Councils.
8. Service rollout: Staged rollout, caddy and literature delivery, bin delivery, commencement. Staggered and coordinated across region; and
9. Monitoring and evaluation: Contamination monitoring, education bin inspections, positive bin stickering, supporting education, bin audits and reporting.

Other Issues

The draft FOGO waste strategy is aligned to the State Waste Strategy targets for Recovery of:

- 2025 – increase material recovery to 70%
- 2025 – all local governments in the Perth and Peel region to provide consistent three bin kerbside collection systems that include separation of FOGO from other waste categories
- 2030 – increase material recovery to 75%
- From 2020 – recover energy only from residual waste

The indicative implementation timeline is detailed below.

| | **Key activities** | **Estimated Date** | **Important individual components and key decision points** |
|---|---|---|---|
| 1 | EMRC Council approval for the trial | 21 March 2019 | Completed |
| 2 | Authority approvals for FOGO trial at Red Hill | Conclude by 4 November 2019 | • Licence amendment for trial area submitted 21 March 2019<br>• Licence amendment issued 31 August 2019<br>• Prepare and lodge Section 45C amendment application for Lots 9,10 FOGO processing 28 July 2019<br>• Consultation process (if required) concludes 30 September 2019<br>• EPA decision November 2019<br>• Ministerial approval December 2019 |
| 3 | Infrastructure development for trial | MAF commissioned October/November 2019 | • RFT issued 13 July 2019<br>• Evaluation undertaken and recommendation prepared 21 August 2019<br>• Council approval September 2019<br>• Contract issued September 2019 and installation commences<br>• MAF commissioning completed 30 October 2019<br>• Procurement of caddies for member Councils - Bassendean and Bayswater<br>• Trial ready to commence 1 July 2020 and conclude Dec 2021<br>• Report on trial completed thereafter |
| 4 | Contract with City of Bayswater and the Town of Bassendean to process FOGO waste | By 30 November 2019 | • Under development and to commence deliveries of FOGO by 1 July 2020 |
| 5 | Research and community education – source separation and contamination management | Ongoing | • Pre-trial survey in Town of Bassendean and City of Bayswater to be undertaken<br>• Bin audit with all member Councils<br>• Commence with generic 'teaser' information about what FOGO is from September 2019<br>• The EMRC will initially recruit two (2) EMRC FOGO Educators, with plans to recruit to 6 |

| | | | |
|---|---|---|---|
| | | | to cater for the needs of all member Councils<br>• Run intensive communication / education campaign for all member Councils<br>• Bin tagging undertaken in July 2020<br>• Second bin audit to be undertaken if required<br>• Additional bin tagging undertaken February and June 2021<br>• Final report on trial December 2021 |
| 6 | Development and assessment of markets for compost | Commencing August 2019 | • Product certification<br>• Conduct field trials across the agriculture sector<br>• Research markets; test feasibility |
| 7 | Determine long term FOGO solution for the region | Facility operational by 1 July 2022 | • Identify options<br>• Facility inspections and report on findings 28 November 2019<br>• Research project undertaken on effectiveness of alternative FOGO pathways completed March 2020<br>• Review results of MAF trial<br>• Together with an estimated 60,000 tonnes of FOGO from member Councils and an additional 40,000 tonnes to be secured from elsewhere. All suppliers to be locked in via a Participation Waste Supply Agreement<br>• Prepare RFT documents January 2020<br>• Issue RFT March 2020<br>• Finalise tender evaluation May 2020<br>• Council decision June 2020<br>• Contract finalised 30 June 2020<br>• Construction 30 June 2020 – 30 June 2021<br>• Joint tender bins/caddies procurement for four (4) remaining member Councils<br>• Commissioning 1 July – 31 December 2021<br>• Facility ready for operation March 2022<br>• Contingency allowance of 3 months to 1 July 2022 |
| 8 | Authority approvals for long term FOGO solution | Lodge June 2020 to December 2020 | • Works approval and referral to EPA June 2020<br>• Approvals received December 2020 |
| 9 | Member Council FOGO implementation | All Councils participating by 1 July 2022 | • Town of Bassendean 1 July 2020<br>• City of Bayswater 1 July 2020<br>• City of Swan by 1 July 2022<br>• City of Belmont by 1 July 2022<br>• City of Kalamunda by 1 July 2022<br>• Shire of Mundaring by 1 July 2022 |

A learning from the FOGO Study Tour in August 2019 is the use of caddy liners is an issue with the management of contamination.

*Item 11.4 continued*

In terms of the timeline and actions to be dealt with over the coming months, the following is outlined:

- The trial facility at Red Hill will proceed utilising the budget allocation of $600,000 (ex GST) in the adopted 2019/2020 budget.
- The centralised education component will commence immediately for the Town of Bassendean and City of Bayswater in readiness for a 1 July 2020 commencement of FOGO collection from their third bin.
- The permanent facility will require a decision by Council at its December 2019 meeting to proceed to tender, with a view to commence the permanent facility by 1 July 2022.
- The procurement for bins and caddies will require a decision by Council to proceed to tender.
- The cash flow and funding model will be developed.
- Centralised education team.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.1 To provide sustainable waste disposal operations

**FINANCIAL IMPLICATIONS**

There is provision in the adopted 2019/2020 Annual Budget and the ten (10) year financial plan for capital expenditure on food organics and garden organics (FOGO) processing.

**SUSTAINABILITY IMPLICATIONS**

Nil

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

Draft Food Organics and Garden Organics (FOGO) Waste Strategy (Ref: D2019/14024)

VOTING REQUIREMENT

Simple Majority

*Item 11.4 continued*

**RECOMMENDATION(S)**

That Council endorses the draft Food Organics and Garden Organics (FOGO) Waste Strategy.

WAC members were presented with an amended Officers Recommendation for consideration:

**Amended Officer Recommendation(s)**

*That Council:*

1. *Notes the draft Food Organics and Garden Organics (FOGO) Waste Strategy.*
2. *Endorses the proposed FOGO timeline implementation, as detailed in the draft FOGO Waste Strategy for a long term or permanent FOGO processing solution for the Region and beyond.*
3. *Requests that the draft FOGO Waste Strategy be further developed in consultation with member Council staff and be presented to Council for endorsement.*
4. *By absolute majority in accordance with section 6.8(1)(b) of the Local Government Act 1995, authorises an allocated budget of $100,000 to be utilised from the Secondary Waste Reserve to implement elements of the FOGO strategy, including but not necessarily limited, to preliminary work such as various modelling and tender preparations.*

**Rationale of Proposed Amendments**

Following feedback and discussions with member Council CEOs and Technical Directors, there is general acknowledgement that the draft FOGO Waste Strategy will require further refinement taking into account each of the member Councils unique situations. This will include modelling for the costing for each of the member Councils. It is proposed that the request for approval of unbudgeted funds will cover the cost of preliminary work including the modelling and tender preparations.

Mr Coten proposed a minor amendment to point 2 to accommodate further consultations while committing to an implementation timeframe.

**AMENDED RECOMMENDATION(S)**

That Council:

1. Notes the draft Food Organics and Garden Organics (FOGO) Waste Strategy.
2. Endorses the proposed outcome of having a long term or permanent FOGO treatment facility for the Region operating by July 2022.
3. Requests that the draft FOGO Waste Strategy be further developed in consultation with member Council staff and be presented to Council for endorsement.
4. By absolute majority in accordance with section 6.8(1)(b) of the *Local Government Act 1995,* authorises an allocated budget of $100,000 to be utilised from the Secondary Waste Reserve to implement elements of the FOGO strategy, including but not necessarily limited, to preliminary work such as various modelling and tender preparations.

*Item 11.4 continued*

**WAC RECOMMENDATION(S)**

MOVED MR COTEN SECONDED CR MCDONNELL

That Council:

1. Notes the draft Food Organics and Garden Organics (FOGO) Waste Strategy.
2. Endorses the proposed outcome of having a long term or permanent FOGO treatment facility for the Region operating by July 2022.
3. Requests that the draft FOGO Waste strategy be further developed in consultation with member Council staff and be presented to Council for endorsement.
4. By absolute majority in accordance with section 6.8(1)(b) of the *Local Government Act 1995,* authorises an allocated budget of $100,000 to be utilised from the secondary waste reserve to implement elements of the FOGO Strategy, including but not necessarily limited, to preliminary work such as various modelling and tender preparations.

**CARRIED UNANIMOUSLY**

Cr Wilson moved an amendment to Recommendation 4 to change the "allocated budget" amount from "$100,000" to "$500,000" in order to accommodate for future costs on education across the Region.

*4. By absolute majority in accordance with section 6.8(1)(b) of the Local Government Act 1995, authorises an allocated budget of $500,000 to be utilised from the secondary waste reserve to implement elements of the FOGO strategy, including but not necessarily limited, to preliminary works such as various modelling and tender preparations.*

Cr Hamilton seconded the amendment.

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR HAMILTON

THAT COUNCIL:

1. NOTES THE DRAFT FOOD ORGANICS AND GARDEN ORGANICS (FOGO) WASTE STRATEGY.
2. ENDORSES THE PROPOSED OUTCOME OF HAVING A LONG TERM OR PERMANENT FOGO TREATMENT FACILITY FOR THE REGION OPERATING BY JULY 2022.
3. REQUESTS THAT THE DRAFT FOGO WASTE STRATEGY BE FURTHER DEVELOPED IN CONSULTATION WITH MEMBER COUNCIL STAFF AND BE PRESENTED TO COUNCIL FOR ENDORSEMENT.
4. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 6.8(1)(B) OF THE *LOCAL GOVERNMENT ACT 1995,* AUTHORISES AN ALLOCATED BUDGET OF $500,000 TO BE UTILISED FROM THE SECONDARY WASTE RESERVE TO IMPLEMENT ELEMENTS OF THE FOGO STRATEGY, INCLUDING BUT NOT NECESSARILY LIMITED, TO PRELIMINARY WORK SUCH AS VARIOUS MODELLING AND TENDER PREPARATIONS.

**CARRIED UNANIMOUSLY**

## EMRC FOGO STRATEGY

### PART ONE: Our vision for FOGO in the region

Traditionally a landfill operator, over the last 30 plus years the Eastern Metropolitan Regional Council (EMRC) has been transforming its waste management practices. In step with other leaders in the waste management industry, the EMRC has continually explored options to extend its waste treatment practices up the waste hierarchy, with the aim of recovering material where feasible rather than disposing of it to landfill and losing the embedded energy and value.

This has led to the development of innovative facilities and processes to recover those resources.

Key among these are the EMRC's Hazelmere Resource Recovery Park which houses WA's first mattress recycling facility and waste timber recycling facility, and where a wood waste to energy facility using waste timber and producing biochar and electricity to power its own and neighbouring facilities will commence operation in 2020.

Householders are now very familiar with the yellow lid bin and the need to separate packaging materials for recycling.

Across the region is a series of community collection hubs, drop-off centres, transfer stations and collection points at shopping centres and Council offices (for batteries, mobile phones and fluoros) where householders can take reusable material that isn't collected in their normal household bins. Problem products such as e-waste and household hazardous waste (paints and chemicals) can be taken to Red Hill Waste Management Facility for free disposal under the Western Australian Local Government Association (WALGA) program funded by the Waste Authority.

Since 2002, the EMRC has undertaken a careful and considered exploration of resource recovery options to deal with the remaining household waste – the general waste stream that goes in the red lid bin. Our region generates approximately 150,000 tonnes of this waste annually. Reducing the amount of waste generated (avoidance) is clearly an important message to continue to push. To maximise materials recovery and deal with the household waste generated in line with the Waste Hierarchy, two solutions are now being progressed.

In 2018, the EMRC in conjunction with four of its member Councils, entered into an agreement with the Hitachi Zosen Inova (HZI) consortium for residual household waste to be processed at its waste to energy facility (W2E) in East Rockingham from 2022/2023. Residual waste is defined as waste which remains following the application of better practice source separation and recycling systems. The State Waste Strategy 2030 now states that, from 2020, only residual waste can be accepted and processed by W2E facilities. However, in the Circular Economy, whilst there is energy recovery, W2E is regarded as leakage. The challenge will be to ensure that, as far as possible, only residual waste goes to the HZI facility, and we will need the continued concerted efforts of all householders to diligently separate their waste at source if we are to achieve this. We will be working hard to make sure this message is communicated, received, and acted on.

That leads to our primary solution for materials recovery, which is the focus of this strategy. In 2019, the EMRC is commencing the journey towards the recovery of Food Organics and Garden Organics (FOGO) material. Of the 150,000 tonnes of general waste that our region produces annually, approximately 40% (60,000 tonnes) is food and organic waste. If each household can separate out this material very carefully to minimise contamination levels, this FOGO material can be efficiently and successfully reprocessed into compost and potentially, energy.

The EMRC sees FOGO collection and reprocessing as a key component of our future integrated waste management solution. In its focus on FOGO recovery, the EMRC is aligning closely with the State Waste Strategy 2030. The WA Waste Authority has identified eight headline strategies that it will be pursuing to support achievement of the State's targets for recovery of waste. Three of these headline strategies will directly support the EMRC's FOGO strategy:

- A mandated and consistent three bin kerbside collection system, which includes separation of food organics and garden organics from other waste categories, which is to be provided by all local governments in the Perth and Peel region by 2025 and which will be supported by State Government through the application of financial mechanisms;
- Development of state-wide communications to support consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours; and
- Provision of funding to promote the recovery of more value and resources from waste with an emphasis on focus materials including organics.

Best practice FOGO introduction requires consideration of nine important steps. These steps will be followed by the EMRC in its FOGO launch:

1. Costed plan: Our task is to develop an implementation plan that is fully costed and well accepted by Council
2. Early stage community engagement: Develop some early messaging about WHY
3. Design of service: Cost modelling of different service offerings to identify the optimum service delivery
4. Collection and processing tender: Develop tender specifications, call for tenders and tender evaluation to obtain the best value for money collection and/or processing contractor
5. Trial of service: Involve the residents in a trial to identify and resolve issues with a view to minimising contamination
6. Preparation: Stage the rollout, prepare FAQs and risk management plan, prepare media and marketing plan, identify multi-unit dwelling (MUD) issues and management, stakeholder engagement plan
7. Communications and education plan: Centrally planned, design, staged community education and rollout, and develop with the FOGO Educators team centralised at the EMRC in consultation with participating Councils
8. Service rollout: Staged rollout, caddy and literature delivery, bin delivery, commencement. Staggered and coordinated across region; and
9. Monitoring and evaluation: Contamination monitoring, education bin inspections, positive bin stickering, FOGO Educator Team supporting education, bin audits and reporting.

The EMRC will start the exploration of FOGO by conducting a FOGO processing trial in collaboration with the Town of Bassendean and the City of Bayswater. The plan is to have processing equipment in place for the commencement of collections on 1 July 2020 or sooner for both Councils. The EMRC will use this period and the FOGO collection from both Bassendean and Bayswater as a 'trial' and will also undertake an extensive education program with the two member Councils, gather data, refine processes and explore marketing of the final composted product, over the 18-month processing trial.

It is envisaged that the FOGO trial will clarify a number of unknowns including:

- How clean the source material needs to be to ensure the compost can be produced to meet relevant Australian standards (AS-4454). If we can meet AS-4454 this increases the market for the compost and supports economic viability of the solution;
- How easy it is for households to separate FOGO materials to the extent needed to provide a clean waste stream. Householders are used to separating waste into two bins. What messaging and support will be effective in achieving the additional effort needed? What monitoring of bins and bin content is needed and how frequently? Achieving very low rates of contamination is critical to the ability to meet AS-4454;
- What are the processing challenges and costs of using a MAF system to produce compost from FOGO waste;
- Is there a sustainable market for the product, particularly the volume of compost envisaged? With minimal or insufficient buyers for the product, the FOGO solution would be an unwise investment for the region.

***Our objectives***

The objectives for the introduction of these two initiatives – FOGO and Energy Recovery Facility (ERF) -- are:

- To reduce the amount of waste going to landfill;
- To build capacity within the community to achieve behaviour change to support these initiatives;
- To achieve community participation to improve source separation and achieve clean waste streams;
- To ensure an Anaerobic Digestion (AD) facility and/or an appropriate composting operation is ready and available for when Member Councils introduce a FOGO collection;
- To confirm that markets exist for the compost produced, to the level required to satisfy economic, environmental and sustainability criteria;
- To have a true residual waste stream for materials going to W2E facilities or landfill (i.e. Waste which remains following the application of better practice source separation and recycling systems);
- To build community confidence that only waste going to the thermal W2E facility is residual waste that doesn't have a higher and better use;
- To source funding for initiatives to support source separation and waste reduction (e.g. Waste Authority, public/private partnerships);
- To achieve the State Waste Strategy targets for recovery.

This FOGO strategy is based on the following principles:

- The FOGO strategy and implementation timeline will be developed in consultation with participating member Councils;
- An education and end product markets strategy will be developed;
- In consultation with member Councils, the EMRC will provide a team of up to 6 dedicated FOGO educators, centrally engaged, trained, managed and coordinated by the EMRC on behalf of member Councils;
- A bin / caddy procurement process will be undertaken for the entire region (6 member Councils);
- The journey will start with an 18-month trial of FOGO processing using a MAF system;
- A tender process will be undertaken for the procurement of sustainable technology and operating options for the permanent FOGO facility;
- All participating Councils will agree to and sign a Participants (Heads of) Agreement;
- The feasibility of funding bins, caddies and initial education / product marketing for members Councils through the Secondary Waste Reserve will be investigated; and
- Bin liners will not be provided or supported for kitchen caddies to reduce and minimise contamination.

***Our measures of success***

- Increased volumes of reportable material are being diverted from landfill and recovered from recycling systems.
- The State Waste Strategy recovery targets are being achieved.
- Waste reduction, recycling and source separation behaviours have been embraced by the community as a result of intensive / extensive FOGO education.
- Clean waste streams are being achieved with very low contamination rates.
- Long-term FOGO processing solution is producing low-contamination, high quality saleable compost (AS-4454 compliant).
- Sufficient markets are available for the compost produced, and horticulture/farming systems are benefitting from healthier soils.
- The community has confidence that the only waste going to the thermal W2E facility is residual waste.
- Funding is being obtained from external sources to support waste education programs and initiatives.

***Council resolution***



The region's commitment to investigate FOGO was confirmed with the following resolution passed by the EMRC Council at its 21 March 2019 Ordinary Council Meeting.

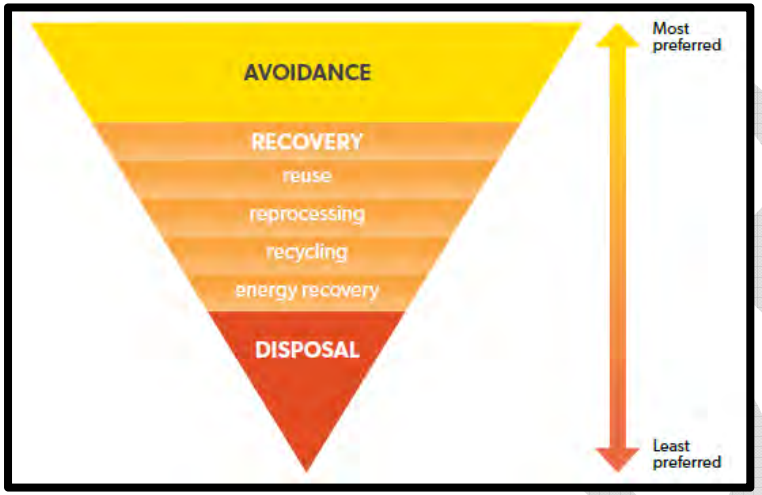
*"THAT:*

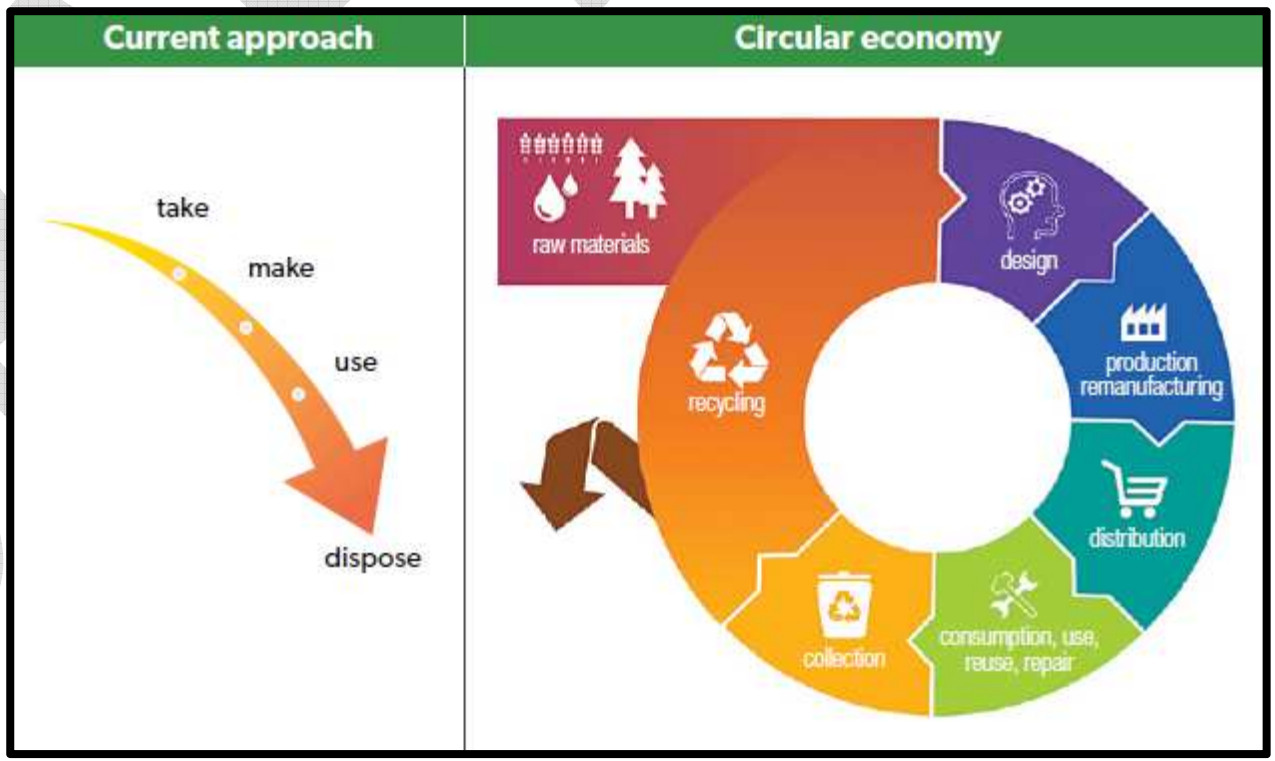
1. *THE EMRC BEGIN THE PROCESS OF DEVELOPING A LONG-TERM FOOD ORGANIC & GARDEN ORGANIC (FOGO) STRATEGY INCLUDING, IF REQUIRED, SEEKING EXPRESSIONS OF INTEREST FOR THE APPROPRIATE TECHNOLOGY TO IMPLEMENT LONG-TERM FOGO PROCESSING SOLUTIONS TO CATER FOR ALL MEMBER COUNCIL WASTE STREAMS.*
2. *IN THE INTERIM, THE EMRC PROCEEDS WITH THE PROCUREMENT PROCESS AND LICENCE APPROVAL FOR THE ADDITION OF A TRIAL MOBILE AERATOR FLOOR (MAF) COMPOSTING SYSTEM FOR THE PROCESSING OF UP TO10,000 TPA OF FOGO WASTE AT THE RED HILL WASTE MANAGEMENT FACILITY.*
3. *APPROVES THE EXPENDITURE OF UP TO $400,000 EX GST FOR THE PURCHASE AND INSTALLATION OF A SUITABLE MAF SYSTEM, INCLUDING HARDSTAND INSTALLATION AND THAT THE FUNDS BE ALLOCATED FROM THE SECONDARY WASTE RESERVE.*
4. *NOTES THAT INTERIM ARRANGEMENTS ARE AVAILABLE WITH SEVERAL THIRD PARTY PROCESSORS OF FOGO WASTE IF THE INSTALLATION OF A PROCESSING FACILITY OR THE LICENCE APPROVAL IS DELAYED FOR WHATEVER REASON BEYOND PLANNED START DATES FOR FOGO COLLECTIONS BY MEMBER COUNCILS.*

5. *ADVISE THE TOWN OF BASSENDEAN AND THE CITY OF BAYSWATER OF THE COUNCIL RESOLUTION AND AUTHORISE THE CEO TO ENTER INTO NEGOTIATIONS WITH THESE MEMBER COUNCILS FOR A SUITABLE PROCESSING ARRANGEMENT.*
6. *SEEK FUNDING SUPPORT FROM THE WASTE AUTHORITY FOR THE FOGO TRIAL AT THE RED HILL WASTE MANAGEMENT FACILITY.*
7. *THAT THE EMRC EXPLORE ALL MARKETING OPPORTUNITIES FOR THE COMPOST PRODUCT DURING THE FOGO TRIAL PERIOD."*

**PART TWO: Alignment with the State Waste Strategy targets**

In February 2019 the Waste Authority released its new *Waste Avoidance and Resource Recovery Strategy 2030 and Action Plan*. The Waste Hierarchy is one of the guiding concepts in the strategy. Complementing the Waste Hierarchy is the concept of the Circular Economy which proposes a move away from the linear 'take, make, use and dispose' model to one which keeps materials and energy circulating in the economy for as long as possible.

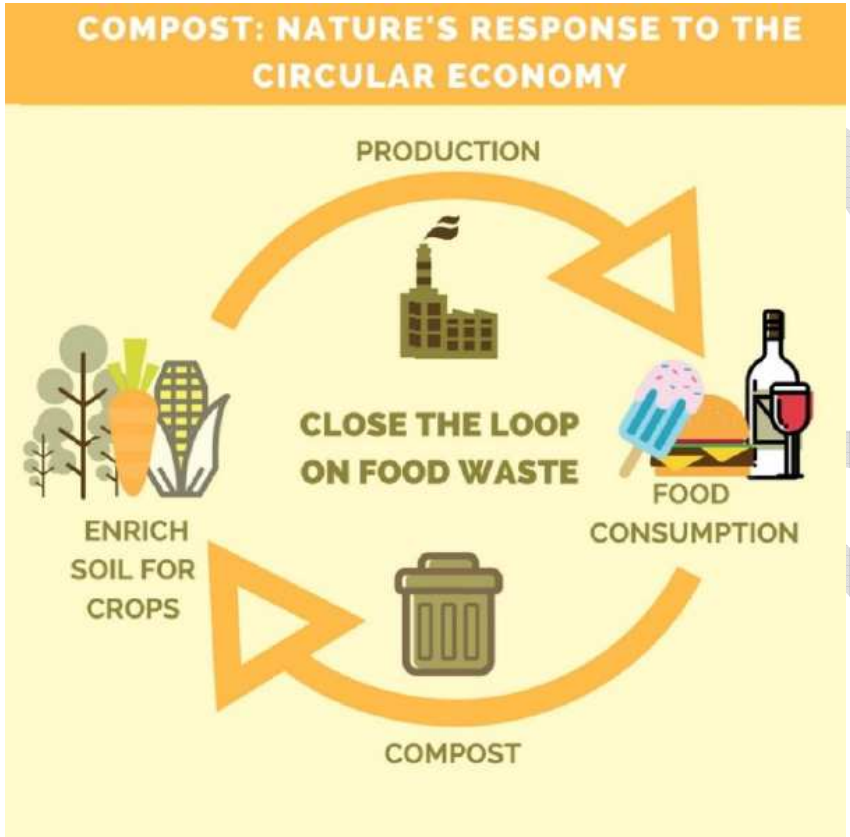


The EMRC Council passed the following resolution at its 21 March 2019 Ordinary Council Meeting.

*"THAT COUNCIL NOTE THE RELEASE OF THE WESTERN AUSTRALIAN WASTE AVOIDANCE AND RESOURCE RECOVERY STRATEGY 2030 AND ACTION PLAN AND COMMITS TO ALIGNING THE EMRC WASTE PRACTICES WHERE POSSIBLE."*

The two waste management initiatives the EMRC is pursuing – FOGO for all six member councils and Waste to Energy by four member councils– can both be considered as methods of recovery. For example, through the composting process, FOGO materials are reprocessed into a product that provides ongoing value in agriculture, landscaping, soil enhancement and land rehabilitation. If an anaerobic digestion process is used for FOGO materials, energy may also be produced.




(Source: Centre for Organic Research and Education)

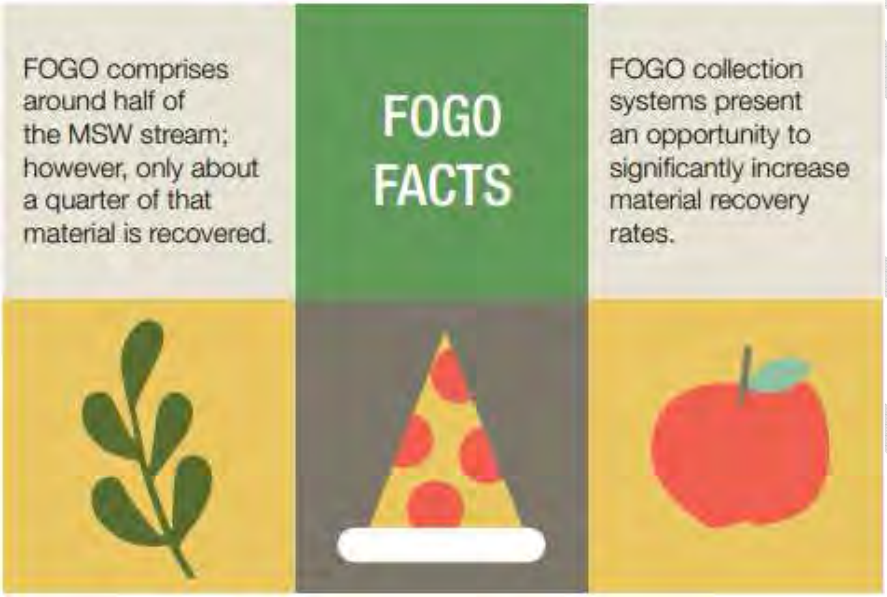
Composting is in fact the ultimate example of the Circular Economy, explained by the Centre for Organic Research and Education as a cycle: 'where food waste is reduced and reused and its nutrients recycled into fertiliser. By returning these nutrients back to the soil, rather than letting organic waste rot away in landfills we can feed diverse life in the soil. The bacteria, fungi, insects and worms in compost support healthy plant growth, which will help offset greenhouse gas emissions.' (https://compostweek.com.au/wp-content/uploads/2012/02/MEDIA-RELEASE-COMPOST-Nature%E2%80%99s-Circular-Economy.pdf). The intention is that compost produced within the Eastern region from household organics will be made available to residents, making all residents active participants in a local circular waste economy.

In relation to the Waste Hierarchy, composting is preferred and regarded as a step above Waste to Energy. The State Waste Strategy identifies that only residual waste is to be used for energy recovery. In terms of the Circular Economy, compost produced from FOGO keeps the material in circulation with energy produced through an anaerobic digestion process being circular, whilst energy recovered through Waste to Energy processes is regarded as 'leakage' from the Circular Economy. Both initiatives however are above the Disposal option and will contribute to the recovery targets set out in the State Waste Strategy:

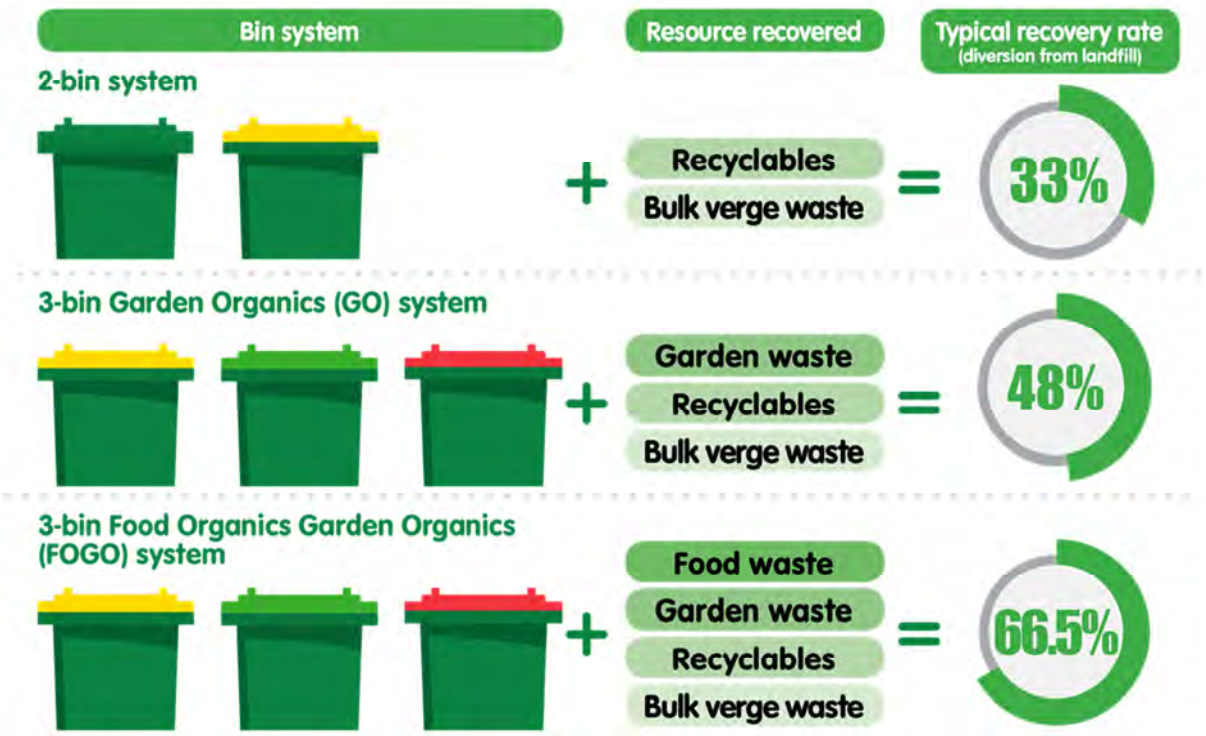
**RECOVER TARGETS**

- **2025** – Increase material recovery to 70%
- **2025** – All local governments in the Perth and Peel region provide consistent three bin kerbside collection systems that include separation of FOGO from other waste categories
- **2030** – Increase material recovery to 75%
- **From 2020** – Recover energy only from residual waste

The Waste Strategy identifies implementation of food organics and garden organics (FOGO) systems as a priority (p. 29), which it states will increase the recovery of material collected through kerbside services. Implementation of FOGO systems will be supported by State Government through the application of financial mechanisms to make it a cost competitive option for local governments. The Strategy also supports the development of local solutions and markets and this is what the EMRC is seeking to achieve with FOGO processing capacity at its Red Hill Waste Management Facility and the development of local markets for the product.




The Waste Authority has released a Position Statement on Food Organics and Garden Organics (FOGO). This position statement confirms the Waste Authority's support for FOGO collection systems provided by local governments to households. The Position Statement states that four local governments in Western Australia have an established three-bin FOGO service, with several other local governments in the process of introducing the service. The recovery results achieved to date are very positive. The City of Bunbury's FOGO service achieves a kerbside recovery rate of about 65 per cent. The Cities of Melville and Fremantle and the Town of East Fremantle will have fully implemented FOGO collections by 2020, following a successful household FOGO trial in the City of Melville, which achieved a recovery rate of 66.5 per cent as shown in the graphic below (Waste Authority Position Statement, p. 10).


Bin system
Resource recovered
Typical recovery rate
(diversion from landfill)
2-bin system
+
Recyclables
Bulk verge waste
=
33%
3-bin Garden Organics (GO) system
+
Garden waste
Recyclables
Bulk verge waste
=
48%
3-bin Food Organics Garden Organics (FOGO) system
+
Food waste
Garden waste
Recyclables
Bulk verge waste
=
66.5%

## PART THREE: Alignment with the EMRC's Regional Environmental Strategy

The EMRC's *Regional Environment Strategy 2016-2020* was developed using the global United Nations Sustainable Development Goals (SDG) framework. Governments worldwide including the Australian Government have agreed to these goals. The EMRC was one of the first organisations in Australia to progress regional environmental management under the SDG framework. Others have since followed. The EMRC demonstrated its leadership and innovation by adopting the SDGs framework to develop strategies and actions, showcasing how the framework can be embedded sustainably across all parts of the organisation, which also demonstrates the importance of SDGs globally, nationally and locally. It is planned to continue to embed the SDGs into the Regional Waste Management and FOGO Strategy.

As stated in the *Regional Environment Strategy* (p. 9), the EMRC and its member Councils play a significant role in proving the value of SDGs as a fundamental tool in decision making because the goals were developed with the role of government clearly in mind. Some of the SDG targets are directly or closely related to the work of regional local governments, including waste management. At the core of the SDGs approach is the need to work collaboratively with others -- governments, non-governments, the private sector and the community at large -- to implement the SDGs and targets, and this also is a hallmark of local government best practice.

The EMRC found that in developing the *Regional Environment Strategy* eight of the challenges most important to the EMRC region aligned with seven of the global drivers (SDGs) and of these seven SDGs, six are relevant to waste management. Sustainable and effective waste management therefore directly contributes to achievement of six of the EMRC's strategic objectives for environmental management in the region. The table overleaf shows this interrelationship.

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ADDRESSING LOCAL CHALLENGES SHAPES GLOBAL OUTCOMES
Perth's Eastern Region leads and innovates, resulting in a region that...
LOCAL CHALLENGES
Sustainable urban growth
Waste management
Water quality
Fossil fuel dependence
Climate change
STRATEGIC OBJECTIVES
Adopts sustainable, affordable and modern energy sources and promotes energy efficiency.
Fosters safe, resilient, resource efficient and environmentally sustainable urban areas.
Fosters sustainable consumption and production patterns and promotes sustainable lifestyles.
Addresses climate change and its impacts through mitigation and adaptation.
Protects, restores and enhances terrestrial ecosystems, addresses land degradation and prevents biodiversity loss.
Contributes to the global partnership for sustainable development and achievement of relevant SDGs and targets.
GLOBAL DRIVERS
17 PARTNERSHIPS FOR THE GOALS
7
15 LIFE ON LAND
11 SUSTAINABLE CITIES AND COMMUNITIES
13 CLIMATE ACTION
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
GLOBAL DRIVERS SHAPE STRATEGIC OBJECTIVES
GLOBAL DRIVERS SHAPE LOCAL CHALLENGES

**PART FOUR: Alignment with the EMRC's Corporate Business Plan**

The EMRC's aim for Key Result Area (KRA1): Environmental Sustainability, in its Corporate Business Plan, is to provide best practice waste management services which are sustainable, efficient and meet the needs of the Region. Further, the EMRC's waste position is that waste is a valuable resource that should be utilised in a sustainable and efficient way to meet the evolving needs of the region and protect the environment. Education to drive behavior is critical to removing barriers to behavior change.

All strategic goals, objectives, and actions in the region's Waste Management Strategy documentation are intended to support achievement of Western Australia's Waste Strategy. The tables on the next few pages list the contributions of effective waste management to achievement of the SDG targets, and specifically the contribution that FOGO collection and processing will make into the future.

***SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all***

| | | |
|---|---|---|
| 7 AFFORDABLE AND CLEAN ENERGY<br>ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL.<br><br>Relevant SDG targets<br>7.1 By 2030, ensure universal access to affordable, reliable and modern energy services.<br>7.2 By 2030, increase substantially the share of renewable energy in the global energy mix.<br>7.3 By 2030, double the global rate of improvement in energy efficiency. | How waste management contributes:<br><br>• The EMRC's strategic communication goal for the Waste to Energy aspect of the business over the next four years is to position W2E processes as having a legitimate and valuable role in managing the region's waste.<br>• Examples include:<br>o The wood waste to energy project at the Hazelmere Resource Recovery Park which will produce electricity to power the Hazelmere facility and supply to a third party<br>o The agreement with HZI to supply residual waste for energy production<br>• Our key message is that W2E solutions are for residual waste only, so separate waste according to the collection systems provided and reduce contamination of recycling streams. | Potential FOGO impact:<br><br>• Potential outputs from processing FOGO materials could include compost and biogas / renewable power.<br>• Anaerobic digestion is one process for example that has the potential to produce biogas.<br>• Tunnel composting and other enclosed systems are scalable options producing a compost product |

***SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable***

| | How waste management contributes: | Potential FOGO impact: |
|---|---|---|
| | • Reducing the adverse environmental impact of cities is being addressed through waste management by adoption of the circular economy philosophy which treats all waste products as a resource that can be reused, recycled, reprocessed and kept within the economy as a valuable resource. Only waste products for which there is no further use would end up in landfill.<br>• Steady progress is being made by the EMRC waste management team to develop sustainable solutions for different waste product streams. Strong due diligence is undertaken to ensure careful consideration of any infrastructure development.<br>• Significant innovations to date include development of the Hazelmere Resource Recovery Park, wood chipping and mattress processing.<br>• Significant resourcing of waste education activities to encourage source separation behaviour across the member council communities will assist with creation of clean waste streams that improve the ability to recover and reuse materials. | • The introduction of FOGO collection and processing in the region adds substantially to the region's ability to achieve the State Waste Strategy targets for recovery and reprocessing of usable materials.<br>• In the EMRC region, household food organic and garden organic (FOGO) waste currently comprises approximately 40% of MSW waste that goes to landfill. Effective separation of FOGO with minimal contamination rates will enable this significant waste stream to be processed separately into compost, thereby recovering a valuable resource and minimising waste to landfill. Processing of FOGO material will therefore be a significant component of the EMRC's regional approach to waste management.<br>• By 2025, following the introduction of FOGO collections across all six member Councils in the region, and the future contract to provide residual waste to the HZI Waste to Energy facility, the combined impact will be 78% diversion of MSW from landfill. This will enable the EMRC to achieve the waste recovery targets set within the State Waste Strategy. |

***SDG 12: Ensure sustainable consumption and production patterns***

| | | |
|---|---|---|
| 12 RESPONSIBLE CONSUMPTION AND PRODUCTION<br>ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS.<br><br>Relevant SDG targets<br><br>12.2 By 2030, achieve the sustainable management and efficient use of natural resources.<br><br>12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities.<br><br>12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature. | How waste management contributes:<br><br>• Significant resourcing of waste education activities to encourage source separation behaviour across the member council communities and to assist with creation of clean waste streams that improve the ability to recover and reuse materials.<br>• This activity dates back to 2002 with the creation of the R Gang.<br>• The regional waste education program includes schools programs, battery collection, fluoro collection, Earth Carers, the Education Centre and tours at Red Hill Waste Management Facility are designed to build community awareness and knowledge of waste as a resource and how to manage it better.<br>• Continuing to push the dual messages of waste reduction / waste avoidance and source separation<br>• A key objective of waste education activity in the region is to build capacity within the community to achieve the behaviour change required for effective source separation.<br>• A key activity is to advocate for the use of resource recovery products that have been diverted from landfill.<br>• Internally, developing and endorsing policy and procedures to direct EMRC's procurement, recycling and disposal practices will support achievement of the waste targets.<br>• Across the region it will be important to collect | Potential FOGO impact:<br><br>• The introduction of FOGO provides the opportunity to focus on the source separation message. Significant investment in community education about source separation will have long-term benefits; the immediate effort aims to shift community behaviour and instil a new way of separating household waste.<br>• The EMRC and member Councils can achieve greater penetration of the message by leveraging off the Waste Authority's identification of FOGO as a priority for the State.<br>• The impetus for this project, and the demonstrated need it is addressing is based on the guiding concept of the circular economy and keeping recoverable and reusable materials in circulation, including reduction of waste to landfill, recovery of FOGO materials, and production of AS4454 compost.<br>• The development of FOGO processing capacity will also meet the needs for local FOGO processing solutions and development of local markets for the product in the EMRC catchment and beyond, which is a principle in the Waste Strategy 2030. The EMRC will work with member Councils and possibly other councils to encourage their use of the compost product, and sustainable procurement practices.<br>• One of the six objectives for the FOGO trial is to confirm that the introduction of FOGO collection and reprocessing results in a true |

| | | |
|---|---|---|
| | and share data in order to better plan and track progress against targets. This firstly requires the generation of baseline data since 2014/15 and current levels of waste generation and recycling per capita in the region to track progress.<br>• In addition, gathering existing data on current contamination levels across all household & commercial waste streams (e.g. from WALGA, Waste Authority, recycling contractors). This information will:<br>o Inform education strategies to change behaviour<br>o Enable feedback to be given to community about waste performance | residual waste stream. Proposed KPIs that will demonstrate this are:<br>o *The Australian standard for compost AS4454 is being met*<br>o *Markets to take the compost are identified and secured*<br>o *Low levels of contamination are being achieved*<br>o *Audit of red bin contents demonstrates that acceptable source separation is happening*<br>• The first step is to undertake a trial to prove up a processing method for FOGO. This will include the Town of Bassendean and the City of Bayswater and their combined proposed capacity of 10,300 tonnes of FOGO. The learning from the trial will assist the four other member Councils and potentially other Councils to introduce FOGO collection progressively, and to enable a clean uncontaminated FOGO waste stream to come to the full scale facility for processing. Using current volumes, it is anticipated that the facility long term will need an estimated minimum of 60,000 tonnes per annum capacity to cater for our six member Councils, which could be scaled up, to accept FOGO waste from other Councils for processing. |

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***SDG 13: Take urgent action to combat climate change and its impacts***

| | | |
|---|---|---|
| 13 CLIMATE ACTION<br>TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS*.<br><br>* Acknowledging that the United Nations Framework Convention on Climate Change is the primary international, intergovernmental forum for negotiating the global response to climate change.<br><br>**Relevant SDG targets**<br><br>**13.1** Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.<br><br>**13.2** Integrate climate change measures into national policies, strategies and planning.<br><br>**13.3** Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning. | <u>How waste management contributes:</u><br><br>• Best practice management of the landfill facility at the Red Hill Waste Management Facility contributes to the EMRC's ability to minimize carbon emissions.<br>• All efforts to divert waste from landfill have a potential impact on reducing future generation of methane gas. A key operational activity is to introduce improved systems to support separation of recoverable materials from waste going to landfill.<br>• At the same time, new industries and processes developed to recover, reuse and reprocess waste materials are all required to meet environmental standards which include meeting carbon emission requirements.<br>• Through the community collection hubs (waste transfer stations) there is the ability to work collaboratively with enterprises that can take specific materials for reuse and recovery (i.e. materials that can't be on-sold).<br>• Recovery of landfill gas at Red Hill Waste Management Facility to generate renewable energy. | <u>Potential FOGO impact:</u><br><br>• Potential outputs from processing FOGO materials could include compost and biogas / renewable power.<br>• Anaerobic digestion is one process for example that has the potential to produce biogas.<br>• The broader benefit to Western Australia will come from the EMRC contributing to the recovery targets established in the Waste Strategy, and operationalising a key processing activity to manage FOGO for all of Perth's Eastern Region.<br>• When disposed to landfill, anaerobic decay of organic waste produces methane gas (a greenhouse gas). Removing organic waste from material going to landfill reduces future production of greenhouses gases. |

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***SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably managed forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss***

| | How waste management contributes: | Potential FOGO impact: |
|---|---|---|
| 15 LIFE ON LAND<br>PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS.<br><br>**Relevant SDG targets**<br><br>**15.1** By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements.<br><br>**15.3** By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world.<br><br>**15.5** Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species.<br><br>**15.8** By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species.<br><br>**15.9** By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts. | • Best practice management of the landfill facility at the Red Hill Waste Management and Resource Recovery Facility<br>• The EMRC's continued efforts to divert waste from landfill will extend the life of the landfill because the volume of waste it receives will significantly decrease. This defers future investment decisions about a future landfill site.<br>• Ongoing operations at Red Hill to collect, manage and dispose of problematic waste in the region in a sustainable manner ensures environmental impacts of problematic waste are minimised. | • The production of compost to AS-4544 standard will enable this compost to have multiple uses to enrich soil, grow crops and improve pastures, and revegetate. The cleaner the waste stream coming in for processing (i.e. very low contamination levels), the greater the potential for the compost produced to be used to protect and restore terrestrial ecosystems.<br>• Future aspiration to achieve organic compost certification. |

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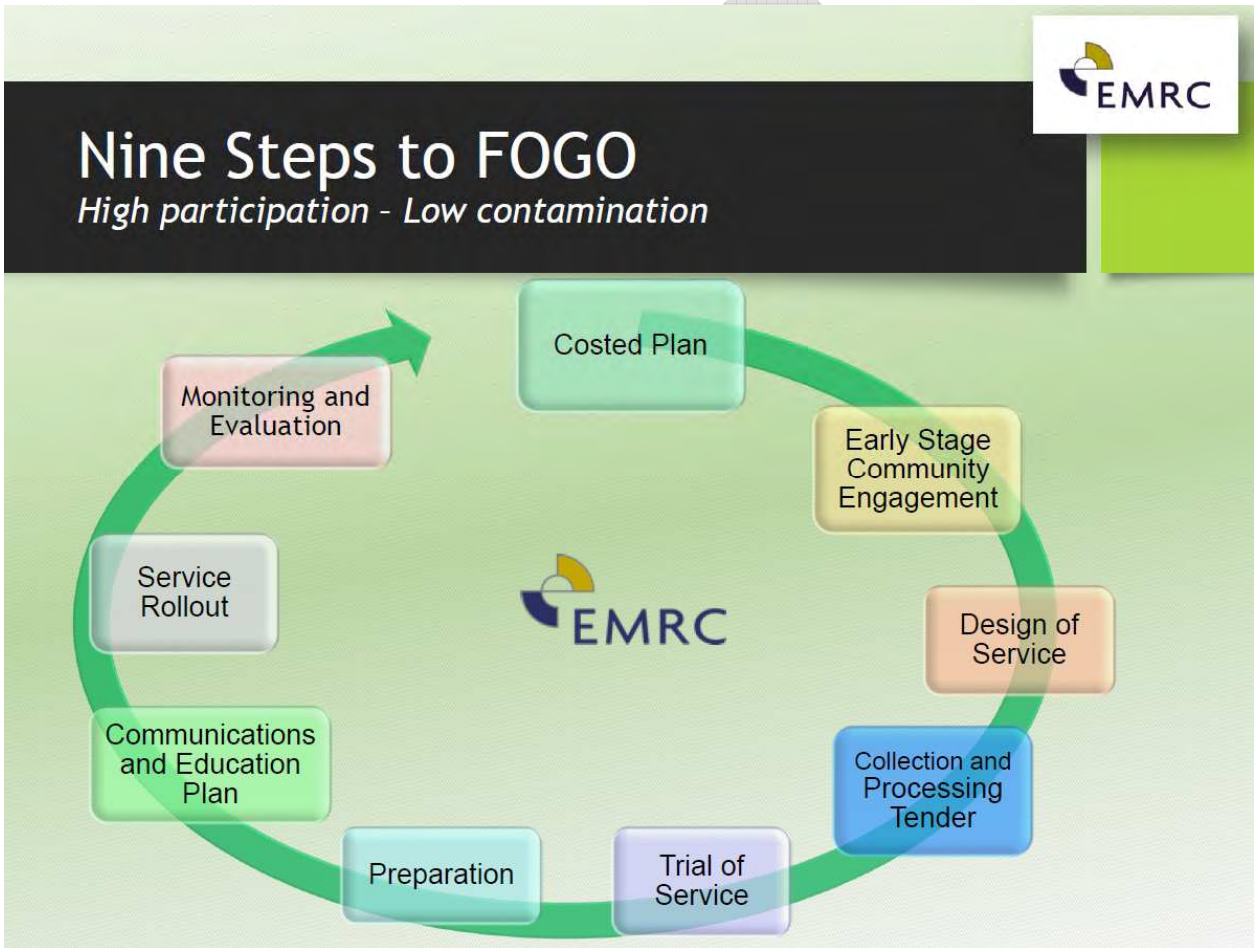
***SDG 17: Strengthen the means of implementation and revitalise the global partnership for sustainable development***

| | How waste management contributes: | Potential FOGO impact: |
|---|---|---|
| 17 PARTNERSHIPS FOR THE GOALS<br>STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALISE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT<br><br>**Relevant SDG targets**<br>**17.14** Enhance policy coherence for sustainable development.<br>**17.16** Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilise and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries.<br>**17.17** Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships. | • Partnerships between the EMRC and member Councils on waste management enable a coordinated and cohesive approach to waste management for the region.<br>• The new Waste Strategy requires each LGA to produce a Local Government Waste Plan. These can be brought into an updated Strategic Waste Management Plan (SWMP) for the region which sets out how the region can work together to achieve the waste targets identified in the Waste Strategy.<br>• There is the potential for the EMRC assist in developing Waste Plans for the member Councils and possibly others.<br>• The EMRC partners with other organisations to extend the range of waste management solutions available for the region including development of the Wood Waste to Energy facility at Hazelmere; and contracting with HZI to deliver waste to its waste to energy facility from 2021.<br>• Partnerships could be developed with universities and research organisations to explore innovative processes<br>• Ongoing community input into waste management strategy through the Waste Management Community Reference Group which was established in 2002 and is still active. | • Partnership between the EMRC, the Town of Bassendean and the City of Bayswater to run the 18-month trial for FOGO collection and processing.<br>• Once FOGO is proven, the EMRC will work jointly with its other member Councils to plan the roll-out of FOGO across the region, particularly to ensure that residual waste going to the HZI facility has been fully 'mined' for recoverable materials.<br>• The EMRC will seek to establish partnerships with Local Governments and other entities to attract additional FOGO tonnes (up to 40,000 tonnes per annum). |

**PART FOUR: What we're doing to introduce FOGO in the region**

The introduction of FOGO within the region is a two-stage process, with the trial being the first stage of the much wider process of adoption region-wide. The introduction of FOGO will follow these nine steps.



***Indicative timeline for FOGO introduction across the region and key activities to be undertaken***

| | **Key activities** | **Estimated dates** | **Important individual components and key decision points** |
|---|---|---|---|
| 1 | EMRC Council approval for the trial | 21 March 2019 | Completed |
| 2 | Authority approvals for FOGO trial at Red Hill | Conclude by 4 Nov 2019 | • Licence amendment for trial area submitted 21 March 2019<br>• Licence amendment issued 31 August 2019<br>• Prepare and lodge Section 45C amendment application for Lots 9,10 FOGO processing 28 July 2019<br>• Consultation process (if required) concludes 30 September 2019<br>• EPA decision November 2019<br>• Ministerial approval December 2019 |
| 3 | Infrastructure development for trial | MAF commissioned October/November 2019 | • RFT issued 13 July 2019<br>• Evaluation undertaken and recommendation prepared 21 August 2019<br>• Council approval September 2019<br>• Contract issued September 2019 and installation commences<br>• Procure caddies for Town of Bassendean and City of Bayswater<br>• MAF commissioning completed 30 October 2019<br>• Trial ready to commence 1 July 2020 and conclude Dec 2021<br>• Report on trial completed thereafter |
| 4 | Contract with City of Bayswater and the Town of Bassendean to process FOGO waste | By 30 November 2019 | • Under development and to commence deliveries of FOGO by 1 July 2020 |
| 5 | Research and community education – source separation and contamination management | Ongoing | • Pre-trial survey in Town of Bassendean and City of Bayswater to be undertaken<br>• Bin audit with all member Councils<br>• Commence with generic 'teaser' information about what FOGO is from September 2019<br>• The EMRC will initially recruit two (2) EMRC FOGO Educators, with plans to recruit up to 6 to cater for the needs of all member Councils<br>• Run intensive communication / education campaign for all member Councils<br>• Bin tagging undertaken in July 2020<br>• Second bin audit to be undertaken if required<br>• Additional bin tagging undertaken February and June 2021<br>• Final report on trial December 2021 |

| | | | |
|---|---|---|---|
| 6 | Development and assessment of markets for compost | Commencing August 2019 | • Product certification<br>• Conduct field trials across the agriculture sector<br>• Research markets; test feasibility |
| 7 | Determine long term FOGO solution for the region | Facility operational by 1 July 2022 | • Identify options<br>• Facility inspections and report on findings 28 November 2019<br>• Research project undertaken on effectiveness of alternative FOGO pathways completed March 2020<br>• Review results of MAF trials June 2021<br>• Identify additional FOGO tonnes from Local Governments and other sources (up to 40,000 tonnes per annum), via a Participation Waste Supply Agreement<br>• Prepare RFT documents January 2020<br>• Issue RFT March 2020<br>• Finalise tender evaluation May 2020<br>• Council decision June 2020<br>• Contract finalised 30 June 2020<br>• Construction 30 June 2020 – 30 June 2021<br>• Joint tender for procurement of bins and caddies for remaining 4 member Councils<br>• Commissioning 1 July – 31 December 2021<br>• Facility ready for operation March 2022<br>• Contingency allowance of 3 months to 1 July 2022 |
| 8 | Authority approvals for long term FOGO solution | Lodge June 2020 to December 2020 | • Works approval and referral to EPA June 2020<br>• Approvals received December 2020 |
| 9 | Member Council FOGO implementation | All Councils participating by 1 July 2022 | • Town of Bassendean 1 July 2020<br>• City of Bayswater 1 July 2020<br>• City of Swan by 1 July 2022<br>• City of Belmont by 1 July 2022<br>• City of Kalamunda by 1 July 2022<br>• Shire of Mundaring by 1 July 2022 |

***The FOGO trial – stage one***

**Objectives**

The 18-month trial has seven key objectives, to:

1. Prove the effectiveness of the proposed Mobile Aerated Floor (MAF) FOGO processing technology and confirm the EMRC's capabilities
2. Ensure that a marketable compost product can be produced to meet the Australian Standards (AS-4454)
3. Ensure there is a viable market for the compost, thereby confirming the financial and commercial viability of the FOGO strategy
4. Create effective community education and communication that educates and activates community participation in source separation to achieve low levels of contamination
5. Produce communication / education collateral about 'The FOGO Story' that would be made available for use by any Local Government Authority (LGA) adopting a FOGO strategy
6. Confirm that the introduction of FOGO collection and reprocessing results in a true residual waste stream
7. Divert waste from landfill



**Components of the FOGO journey**

**Research and education**

1. Development of a regional communication and community engagement program to build awareness and understanding of the region's move towards FOGO initially with the Town of Bassendean and the City of Bayswater. The EMRC will provide the Educators to work initially with both Councils but expand over time to all member Councils.
2. Implementation and testing of targeted communication / community education strategy in the Town of Bassendean and the City of Bayswater to educate residents about appropriate separation behaviour to reduce contamination. This activity is designed to produce as clean a FOGO stream as possible, enabling production of compost to meet AS-4454 and/or organic certification. Lessons learned about effective communication can be utilised to support the large scale roll-outs of the FOGO system, expected to be around 1 July 2022.
3. Undertake pre- and post-trial surveys in the Town of Bassendean and the City of Bayswater to ascertain attitudes and behavior change, and particularly to determine which messages and methods are most effective in creating awareness about the importance of avoiding contamination and undertaking source separation. The results would be shared with the State and other Local Government Associations (LGA's) introducing FOGO strategies.
4. Undertake a bin audit of all six member Councils' general waste bins to determine level of FOGO content. Undertake a follow-up bin audit six months later to capture the bin content data from two distinct seasons – summer and winter.

5. Undertake comprehensive marketing and investigation with possible end users of the composted product to trial and evaluate the product.
6. Production of a final report that provides a quantitative analysis of results of the trial.

**Infrastructure**

The processing trial facility at the Red Hill Waste Management Facility will utilise the Mobile Aerated Floor (MAF) composting system.

**Timeline**

The attached timeline covers all elements including: structure and timing for the trial, the long-term permanent FOGO solution, the education component, the bin / caddy procurement, and funding and cash flow.

- The trial facility will proceed utilising the allocation of $400,000 ex GST approved by Council at the 21 March 2019 Ordinary Council Meeting and additional funding will be sought, along with any other budget provisions.
- The education component will commence immediately for the Town of Bassendean and City of Bayswater in readiness for a 1 July 2020 commencement of FOGO collection from their third bin.
- The permanent facility will require a decision by Council at its December 2019 meeting to proceed to tender, with a view to commence the permanent facility by 1 July 2022.
- The procurement for bins and caddies will require a decision by Council to proceed to tender.
- The cash flow and funding will be developed.

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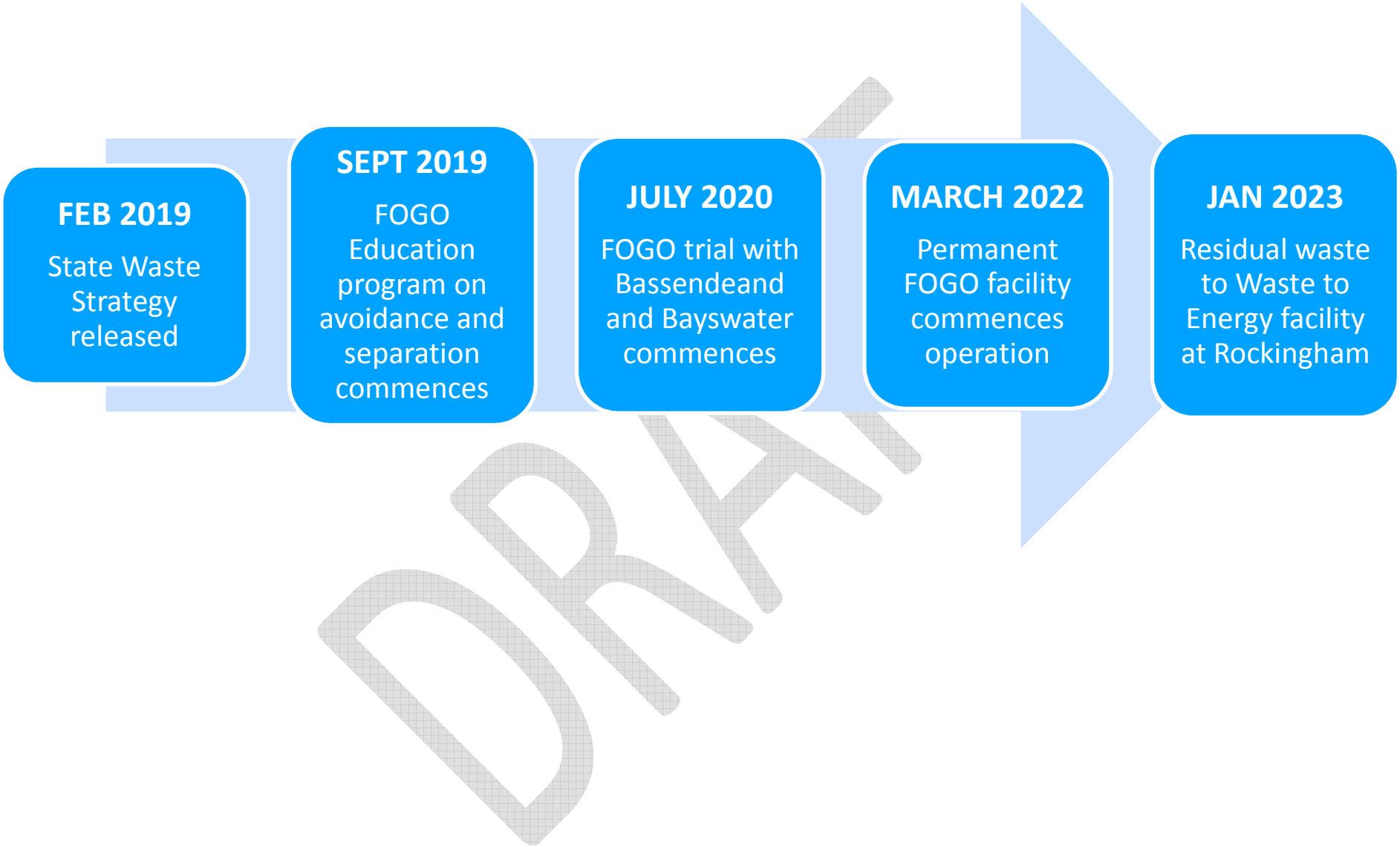
FEB 2019
State Waste Strategy released
SEPT 2019
FOGO Education program on avoidance and separation commences
JULY 2020
FOGO trial with Bassendeand and Bayswater commences
MARCH 2022
Permanent FOGO facility commences operation
JAN 2023
Residual waste to Waste to Energy facility at Rockingham
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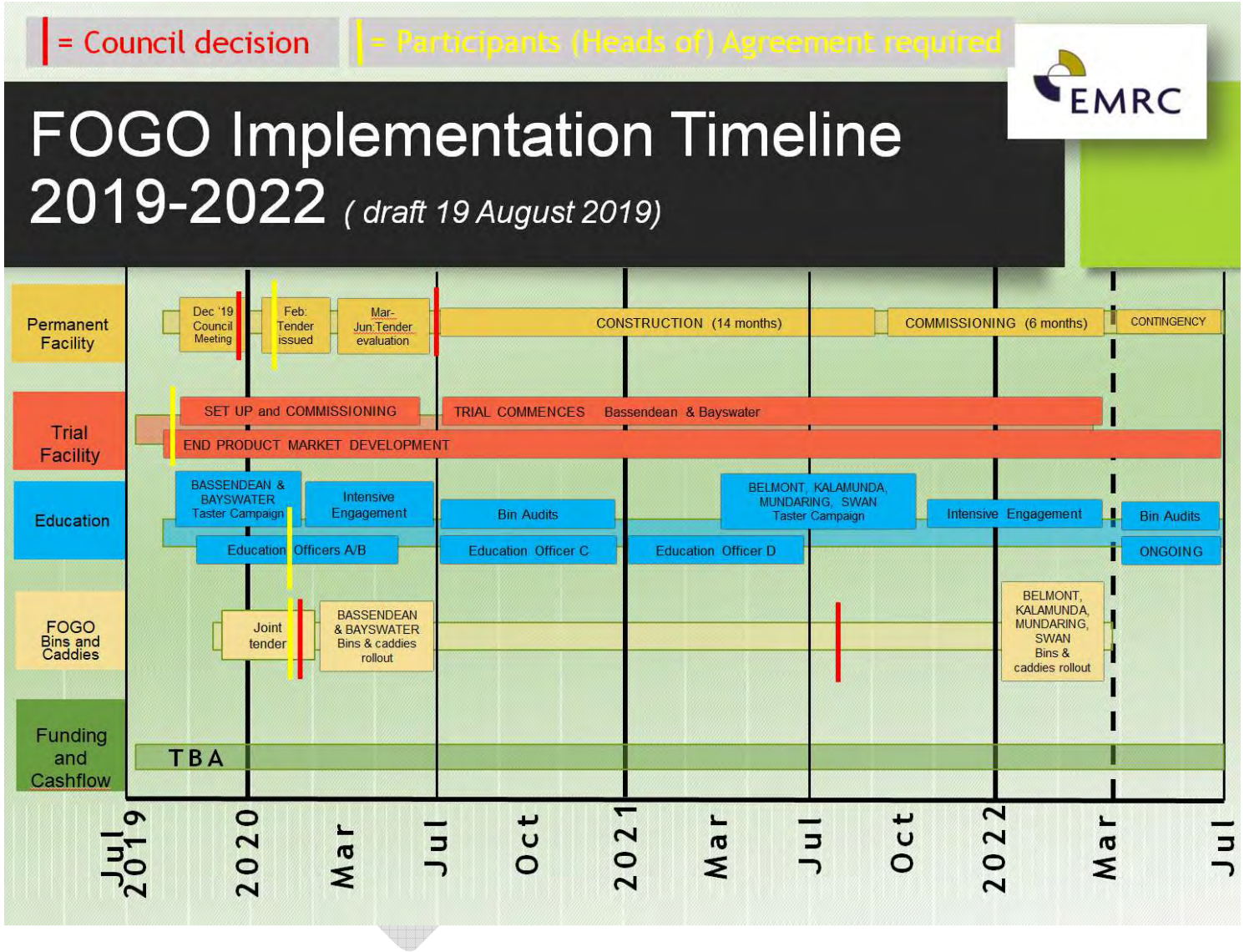
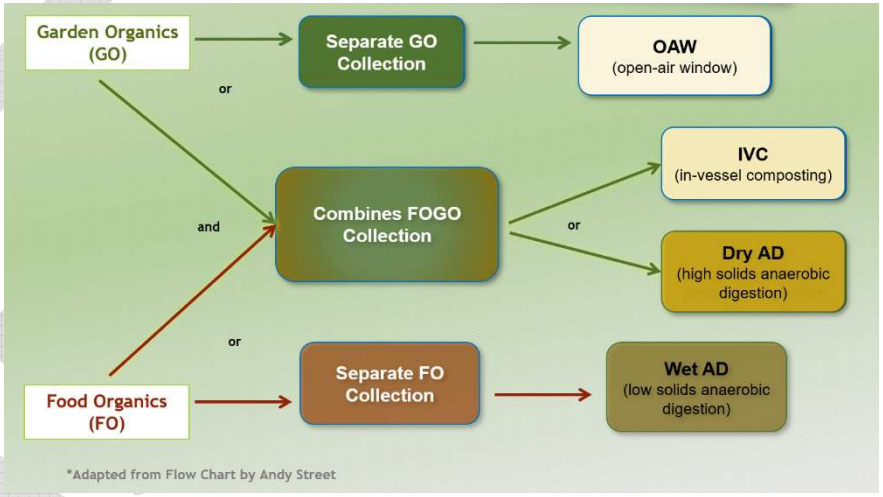

= Council decision
= Participants (Heads of) Agreement required
EMRC
FOGO Implementation Timeline 2019-2022 ( draft 19 August 2019)
Permanent Facility
Dec '19 Council Meeting
Feb: Tender issued
Mar-Jun Tender evaluation
CONSTRUCTION (14 months)
COMMISSIONING (6 months)
CONTINGENCY
Trial Facility
SET UP and COMMISSIONING
TRIAL COMMENCES Bassendean & Bayswater
END PRODUCT MARKET DEVELOPMENT
Education
BASSENDEAN & BAYSWATER Taster Campaign
Intensive Engagement
Bin Audits
BELMONT, KALAMUNDA, MUNDARING, SWAN Taster Campaign
Intensive Engagement
Bin Audits
Education Officers A/B
Education Officer C
Education Officer D
ONGOING
FOGO Bins and Caddies
Joint tender
BASSENDEAN & BAYSWATER Bins & caddies rollout
BELMONT, KALAMUNDA, MUNDARING, SWAN Bins & caddies rollout
Funding and Cashflow
TBA
Jul 2019
2020
Mar
Jul
Oct
2021
Mar
Jul
Oct
2022
Mar
Jul

***The permanent (large scale) FOGO solution – stage two***

The long-term options for FOGO processing will be investigated concurrently with the FOGO processing trial. Research on options for the long-term processing facility will include:

- Facility inspections to review best practice operations in other parts of Australia;
- Ongoing monitoring and review of results from the trial;
- Review of technology;
- Evaluate and analyse the effectiveness of alternative FOGO pathways;
- Investigate operating models including Design Build, Operate and Maintain (DBOM) Contractor model and other models; and
- Undertake extensive procurement process in readiness for a 1 July 2022 start.




**In conclusion**

While the EMRC will remain a best practice landfill operator, the State Waste Strategy 2030 states that by 2030 only 15% of material can be landfilled. This means the EMRC and its member Councils must continue to actively explore effective methods to recover waste, and to extend our operations further up the Waste Hierarchy. The primary strategy outlined in this document – FOGO recovery and processing – supported by treatment of residual waste through the Waste to Energy process, will ensure we reach the State's targets, meet the expectations of our communities while also operating sustainably.

Further, our decision to establish a permanent FOGO processing facility provides the opportunity to offer a service to other local governments. Our proposed FOGO facility will have the capacity to process 100,000 tonnes of FOGO per year. The EMRC member Councils supply up to 60,000 tonnes annually, with the remaining 40,000 tonnes of capacity being offered on a fee for service basis to others.

Effectiveness of the FOGO solution rests on 'High participation; low contamination". This is a program we must work on together as a region, with consistent and coordinated communication, and close monitoring to build community commitment to source separation to achieve the lowest contamination rates possible and where recycled content is the norm rather than the exception.

## 11.5 PURCHASE OF A TRACK LOADER

**REFERENCE: D2019/13308 (WAC) – D2019/14023**

### PURPOSE OF REPORT

The purpose of this report is to recommend acceptance of the quotation for the supply and delivery of a track loader submitted by Westrac Pty Ltd for use at the Red Hill Waste Management Facility.

### KEY ISSUES AND RECOMMENDATION(S)

- One of the EMRC's two (2) track loaders located at the Red Hill Waste Management Facility has reached its replacement point based on operating hours and operability.
- Quotations were sought for a 25-30 tonne track loader using the WALGA e-quote system for replacement plant including a maintenance service agreement.
- One (1) quotation was received.

**Recommendation(s)**

That Council accept:

1. The quotation for the supply and delivery to the Red Hill Waste Management Facility of one (1) Caterpillar 973K Track Loader including an extended five (5) year/8,000 hour extended warranty, submitted by Westrac Pty Ltd, for the sum of $763,000 (ex GST).
2. The offer to undertake a fixed price preventative maintenance agreement for the Caterpillar 973K Track Loader to be located at the Red Hill Waste Management Facility for a five (5) year/8,000 hour period submitted by Westrac Pty Ltd at a cost of $8.83/operating hour (ex GST) subject to bi-annual adjustments in January and July of each year based on Caterpillar's bi-annual price review for parts and Westrac's annual labour rate review.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

Under the EMRC's plant replacement programme, a Cat 973D Track Loader (P3715) utilised at the Red Hill Waste Management Facility is due for replacement having reached 8,000 hours of service and its limit of warranty and reliability.

The EMRC's preference is for similar specification replacement track loader in the 25-30 tonne range to enable efficient spreading of waste.

### REPORT

A quotation for the replacement of a track loader was sought using the WALGA e-quote system in July 2019. There were 18 recipients of the e-quote however only one (1) company was able to quote for this Request for Quotation which has been evaluated by Waste Services staff against the selection criteria detailed in the request for quotation specification.

The quotation was received from Westrac Pty Ltd for a Caterpillar 973K Track Loader.

*Item 11.5 continued*

**Selection Criteria and Rating Scale**

The submission was evaluated based on the criteria requested via the WALGA e-quote.

Qualitative criteria

The submission was scored against the qualitative criteria below.

| Description of Qualitative criteria | Weighting |
|---|---|
| a) Specifications | 40% |
| b) Quoted Price | 40% |
| c) Extended Warranty – 5 year/8,000 hours | 10% |
| d) Service Agreement – 5 year/8,000 hours | 10% |

The compliance check in the evaluation process determined that the single submission from Westrac Equipment Pty Ltd was compliant with all the items in the specification, including an extended warranty and service agreement.

The evaluation process determined the submission from Westrac Pty Ltd for the Caterpillar 973K Track Loader included all the items in the specification, including an extended warranty for five (5) years/8,000 hours, preventative maintenance agreement with servicing intervals of 250 hours quote for five (5) years/8,000 hours at $8.83/hour totalling $70,679.00 (ex GST) and which meets the EMRC's requirements for machine power and bucket capacity in being able to quickly move incoming waste at the tip face during busy periods.

The service agreement price is subject to bi-annual adjustments in January and July of each year based on Caterpillar's bi-annual price review for parts and Westrac's annual labour rate review.

The quotation from Westrac is recommended for acceptance as the preferred supplier.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

1.1 To provide sustainable waste disposal operations

**FINANCIAL IMPLICATIONS**

The adopted 2019/2020 Annual Budget includes a capital expenditure provision totalling $3.595m for plant replacement including the track loader. The cost for the purchase of the Caterpillar 973K Track Loader is $763,000 (ex GST) plus a preventative maintenance cost for five (5) years/8,000 hours of $70,679.00 (ex GST), a total of $833,679.00 (ex GST).

**SUSTAINABILITY IMPLICATIONS**

Nil

*Item 11.5 continued*

**MEMBER COUNCIL IMPLICATIONS**

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

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Simple Majority

**RECOMMENDATION(S)**

That Council accept:

1. The quotation for the supply and delivery to the Red Hill Waste Management Facility of one (1) Caterpillar 973K Track Loader including an extended five (5) year/8,000 hour extended warranty, submitted by Westrac Pty Ltd, for the sum of $763,000 (ex GST).
2. The offer to undertake a fixed price preventative maintenance agreement for the Caterpillar 973K Track Loader to be located at the Red Hill Waste Management Facility for a five (5) year/8,000 hour period submitted by Westrac Pty Ltd at a cost of $8.83/operating hour (ex GST) subject to bi-annual adjustments in January and July of each year based on Caterpillar's bi-annual price review for parts and Westrac's annual labour rate review.

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED CR STALLARD

That Council Accept:

1. The quotation for the supply and delivery to the Red Hill Waste Management Facility of one (1) Caterpillar 973K Track Loader including an extended five (5) year/8,000 hour extended warranty, submitted by Westrac Pty Ltd, for the sum of $763,000 (ex GST).
2. The offer to undertake a fixed price preventative maintenance agreement for the Caterpillar 973K Track Loader to be located at the Red Hill Waste Management Facility for a five (5) year/8,000 hour period submitted by Westrac Pty Ltd at a cost of $8.83/operating hour (ex GST) subject to bi-annual adjustments in January and July of each year based on Caterpillar's bi-annual price review for parts and Westrac's annual labour rate review.

**CARRIED UNANIMOUSLY**

*Item 11.5 continued*

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR DAW

THAT COUNCIL ACCEPT:

1. THE QUOTATION FOR THE SUPPLY AND DELIVERY TO THE RED HILL WASTE MANAGEMENT FACILITY OF ONE (1) CATERPILLAR 973K TRACK LOADER INCLUDING AN EXTENDED FIVE (5) YEAR/8,000 HOUR EXTENDED WARRANTY, SUBMITTED BY WESTRAC PTY LTD, FOR THE SUM OF $763,000 (EX GST).
2. THE OFFER TO UNDERTAKE A FIXED PRICE PREVENTATIVE MAINTENANCE AGREEMENT FOR THE CATERPILLAR 973K TRACK LOADER TO BE LOCATED AT THE RED HILL WASTE MANAGEMENT FACILITY FOR A FIVE (5) YEAR/8,000 HOUR PERIOD SUBMITTED BY WESTRAC PTY LTD AT A COST OF $8.83/OPERATING HOUR (EX GST) SUBJECT TO BI-ANNUAL ADJUSTMENTS IN JANUARY AND JULY OF EACH YEAR BASED ON CATERPILLAR'S BI-ANNUAL PRICE REVIEW FOR PARTS AND WESTRAC'S ANNUAL LABOUR RATE REVIEW.

**CARRIED UNANIMOUSLY**

## 11.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN

**REFERENCE: Ref: D2019/12678**

The following item is included in the Information Bulletin, which accompanies the Agenda.

**1. WASTE SERVICES**

1.1 COUNCIL TONNAGE COMPARISONS AS AT JULY 2019 (Ref: D2019/12679)

**RECOMMENDATION**

That the Waste Advisory Committee notes the item contained in the Information Bulletin accompanying the 5 September 2019 Waste Advisory Committee Agenda.

**WAC RESOLUTION(S)**

MOVED CR MCDONNELL SECONDED CR STALLARD

THAT THE WASTE ADVISORY COMMITTEE NOTES THE ITEM CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 9 SEPTEMBER 2019 WASTE 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

Items 14.1 Hazelmere Wood Waste to Energy Plant Update and 14.2 Resource Recovery Facility Update were dealt prior to Item 5.1 Hazelmere Wood Waste Transfer Station Update.

**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.

**WAC RESOLUTION**

MOVED CR MCDONNELL SECONDED CR LAVELL

THAT WITH THE EXCEPTION OF THE CEO, DIRECTOR WASTE SERVICES, DIRECTOR CORPORATE SERVICES, DIRECTOR REGIONAL SERVICES, MANAGER RESOURCE RECOVERY, MANAGER ENGINEERING AND WASTE OPERATIONS, MR MOHEN 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 5:08pm and members of the public departed the Council Chambers.

The Chief Executive Officer, Director Corporate Services, Director Waste Services, Director Regional Services, Manager Resource Recovery, Manager Engineering and Waste Operations, Mr Mohen, and Administration Officer Waste Services remained in the Council Chambers.

Cr Daw entered the Council Chambers at 5:10pm.

### 14.1 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

**REFERENCE: D2019/10941 (WAC) – D2019/13752**

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.

Mr Mohen departed the meeting immediately at the conclusion of Item 14.1 Hazelmere Wood Waste To Energy Plant Update at 5:36pm.

### 14.2 RESOURCE RECOVERY FACILITY UPDATE

**REFERENCE: D2019/12681 (WAC) – D2019/13753**

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.

*Item 14 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.

**WAC RESOLUTION**

MOVED CR LAVELL SECONDED CR MCDONNELL

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 5:38pm and members of the public returned to the Council Chambers.

Recording of the recommendations passed behind closed doors, namely:

**14.1 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE**

**REFERENCE: D2019/10941 (WAC) – D2019/13752**

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED CR MCKENNA

That:

1. Council authorise the Chief Executive Officer to instruct EMRC's lawyers to issue the Default Notices pursuant to clause 11 of the General Security Agreement.
2. Council authorise the Chief Executive Officer to enter into the Deed of Variation with Anergy Australia Pty Ltd to the value specified in the Deed if Anergy Pty Ltd settles the debt owed to Callidus and the petition is withdrawn.
3. Council authorise a contingency allowance on the cost to completion to the value specified in the report.
4. Council, authorise the Chief Executive Officer to enter into an IP License Deed with Anergy Pte Ltd for a licence to the intellectual property associated with the design, operation and maintenance of the Hazelmere Wood Waste to Energy Plant.
5. An updated business case be presented for adoption at the next Council Meeting.
6. Council requests the CEO commence discussions for a royalty agreement.
7. The report remains confidential and be certified by the Chairman and CEO.

**CARRIED UNANIMOUSLY**

## 14.2 RESOURCE RECOVERY FACILITY UPDATE

**REFERENCE: D2019/12681 (WAC) – D2019/13753**

**WAC RECOMMENDATION(S)**

MOVED CR MCDONNELL SECONDED MR COTEN

That:

1. The report be received.
2. The report and attachment remains confidential and be certified by the Chairman and CEO.

**CARRIED UNANIMOUSLY**

## 15 FUTURE MEETINGS OF THE WASTE ADVISORY COMMITTEE

The next meeting of the Waste Advisory Committee will be held on ***Thursday, 10 October 2019 (if required)*** at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, Belmont WA 6104 commencing at 5:00pm.

**Future Meetings 2019**

| | | | | | |
|---|---|---|---|---|---|
| Thursday | 10 | October | (if required) | at | EMRC Administration Office |
| Thursday | 21 | November | (if required) | at | EMRC Administration Office |

## 16 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 6:34pm.

## 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

Confidential Items 19.1 Hazelmere Wood Waste to Energy Plant Update, Item 19.2 Hazelmere Wood Waste To Energy Plant, Superintendent Role and Item 19.3 Resource Recovery Facility Update were dealt with after Item 6 Public Question Time and prior to Item 7 Applications For Leave of Absence.

## 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 MCKENNA SECONDED CR WOLFF

THAT WITH THE EXCEPTION OF THE CEO, DIRECTOR CORPORATE SERVICES, DIRECTOR WASTE SERVICES, DIRECTOR REGIONAL SERVICES. DEPUTY COUNCIL MEMBER, WAC DEPUTY OFFICER, SENIOR ENVIRONMENTAL HEALTH OFFICER, CITY OF BAYSWATER, MR MOHEN, KOTT GUNNING LAWYERS, MANAGER PROCUREMENT AND GOVERNANCE, EXECUTIVE ASSISTANT TO THE CEO AND PERSONAL ASSISTANT TO THE DIRECTOR CORPORATE 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**

Cr Giorgia Johnson departed Council Chambers at 6:06pm.

The doors of the meeting were closed at 6:06pm and members of the public departed the Council Chambers.

The Chief Executive Officer, Director Corporate Services, Director Waste Services, Director Regional Services, Deputy Council Member, WAC Deputy Officer, Senior Environmental Health Officer, City Of Bayswater, Mr Mohen, Kott Gunning Lawyers, Manager Procurement and Governance, Executive Assistant to the CEO and Personal Assistant to the Director Corporate Services remained in Council Chambers.

*Item 19 continued*

**19.1 ITEM 14.1 OF THE WASTE ADVISORY COMMITTEE MINUTES - HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE**

**REFERENCE: D2019/13752**

This item is recommended to be confidential because it contains matters of a commercial-in-confidence nature and legal advice.

The Council considered the Confidential Item circulated with the Agenda under Separate Cover.

Cr Palmer entered the meeting at 6:07pm and her deputy, Cr Piffaretti vacated her seat for Cr Palmer.

Following debate, to facilitate the redrafting of the proposed motion to be printed and distributed to Councillors, the Presiding Member declared a brief meeting adjournment at 7:16pm.

The Presiding Member recommenced the meeting at 7:24pm.

**19.2 HAZELMERE WOODWASTE TO ENERGY PLANT, SUPERINTENDENT ROLE**

**REFERENCE: D2019/13875**

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.

**19.3 ITEM 14.2 OF THE WASTE ADVISORY COMMITTEE MINUTES - RESOURCE RECOVERY FACILITY UPDATE**

**REFERENCE: D2019/13753**

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.

**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 POWELL SECONDED CR JOHNSON

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 7:28pm and members of the public returned to the Council Chambers.

Mr Mohen departed the meeting at 7:28pm.

*Item 19 continued*

Recording of the resolutions passed behind closed doors, namely:

**19.1 ITEM 14.1 OF THE WASTE ADVISORY COMMITTEE MINUTES - HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE**

**REFERENCE: D2019/13752**

**COUNCIL RESOLUTION(S)**

MOVED CR MCKENNA SECONDED CR PALMER

THAT:

1. COUNCIL AUTHORISE THE CHIEF EXECUTIVE OFFICER TO INSTRUCT EMRC'S LAWYERS TO ISSUE THE DEFAULT NOTICES PURSUANT TO CLAUSE 11 OF THE GENERAL SECURITY AGREEMENT.
2. COUNCIL AUTHORISE THE CHIEF EXECUTIVE OFFICER TO ENTER INTO THE DEED OF VARIATION WITH ANERGY AUSTRALIA PTY LTD TO THE VALUE SPECIFIED IN THE DEED IF ANERGY PTY LTD SETTLES THE DEBT OWED TO CALLIDUS AND THE PETITION IS WITHDRAWN.
3. COUNCIL AUTHORISE A CONTINGENCY ALLOWANCE ON THE COST TO COMPLETION TO THE VALUE SPECIFIED IN THE REPORT.
4. COUNCIL, AUTHORISE THE CHIEF EXECUTIVE OFFICER TO ENTER INTO AN IP LICENSE DEED WITH ANERGY PTE LTD FOR A LICENCE TO THE INTELLECTUAL PROPERTY ASSOCIATED WITH THE DESIGN, OPERATION AND MAINTENANCE OF THE HAZELMERE WOOD WASTE TO ENERGY PLANT.
5. AN UPDATED BUSINESS CASE BE PRESENTED FOR ADOPTION AT THE NEXT COUNCIL MEETING.
6. COUNCIL REQUEST THE CEO COMMENCE DISCUSSIONS FOR A ROYALTY AGREEMENT.
7. THE REPORT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO.

**MOTION LOST 5/6**

*Item 19 continued*

**COUNCIL RESOLUTION(S)**

MOVED CR WILSON SECONDED CR JOHNSON

THAT:

1. COUNCIL DELEGATES AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO ISSUE, AND TO INSTRUCT EMRC'S LAWYERS TO ISSUE, ANY DEFAULT NOTICES THAT MAY BE REQUIRED PURSUANT TO ANY OF THE AGREEMENTS BETWEEN ANERGY AUSTRALIA PTY LTD AND THE EMRC.
2. COUNCIL AUTHORISE THE CHIEF EXECUTIVE OFFICER TO ENTER INTO THE DEED OF VARIATION WITH ANERGY AUSTRALIA PTY LTD TO THE VALUE SPECIFIED IN THE DEED IF ANERGY PTY LTD SETTLES THE DEBT OWED TO CALLIDUS AND THE PETITION IS WITHDRAWN.
3. COUNCIL, AUTHORISE THE CHIEF EXECUTIVE OFFICER TO ENTER INTO AN IP LICENSE DEED WITH ANERGY PTE LTD FOR A LICENCE TO THE INTELLECTUAL PROPERTY ASSOCIATED WITH THE DESIGN, OPERATION AND MAINTENANCE OF THE HAZELMERE WOOD WASTE TO ENERGY PLANT.
4. COUNCIL REQUESTS A FURTHER REPORT TO BE PREPARED AND PRESENTED TO COUNCIL AT A FUTURE MEETING OF COUNCIL.
5. COUNCIL REQUEST THE CEO COMMENCE DISCUSSIONS FOR A ROYALTY AGREEMENT.
6. THE REPORT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO.

**CARRIED UNANIMOUSLY**

## 19.2 HAZELMERE WOODWASTE TO ENERGY PLANT, SUPERINTENDENT ROLE

**REFERENCE: D2019/13875**

**COUNCIL RESOLUTION(S)**

MOVED CR DAW SECONDED CR WILSON

THAT COUNCIL:

1. ACKNOWLEDGES THAT BECAUSE OF MONADELPHOUS ENGINEERING ASSOCIATES PTY LTD EXISTING INVOLVEMENT AND EXPERIENCE, IT HAS GOOD REASON TO BELIEVE THERE IS UNLIKELY TO BE ANY OTHER SUPPLIER WHO CAN PROVIDE A SIMILAR VALUE FOR MONEY OUTCOME TO COMPLETE THE REQUIREMENTS OF THE CONTRACT SUPERINTENDENT FOR THE HAZELMERE WOOD WASTE TO ENERGY PROJECT.
2. NOTES THE ADDITIONAL EXPENDITURE OF CONSULTING FEES TO THE VALUE INDICATED IN THE REPORT, REQUIRED TO COMPLETE THE SUPERINTENDING OF THE CONTRACT BY MONADELPHOUS ENGINEERING ASSOCIATES PTY LTD, TO BE FUNDED FROM THE SECONDARY WASTE RESERVE.

**CARRIED UNANIMOUSLY**

*Item 19 continued*

**19.3 ITEM 14.2 OF THE WASTE ADVISORY COMMITTEE MINUTES - RESOURCE RECOVERY FACILITY UPDATE**

**REFERENCE: D2019/13753**

**COUNCIL RESOLUTION(S)**

MOVED CR WOLFF SECONDED CR DAW

THAT:

1. THE REPORT BE RECEIVED.
2. THE REPORT AND ATTACHMENT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO.

**CARRIED UNANIMOUSLY**

## 20 FUTURE MEETINGS OF COUNCIL

The next Ordinary meeting of Council will be held on ***Thursday 5 December 2019*** at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, Belmont WA 6104 commencing at 6:00pm.

**Future Meetings 2019**

| | | | |
|---|---|---|---|
| Thursday | 5 December | at | EMRC Administration Office |
| January 2020 (recess) | | | |

The Presiding Member thanked all Councilors for their support during their tenure and commented that a lot had been achieved over the past two years. He looked forward to their continued support of the EMRC.

## 21 DECLARATION OF CLOSURE OF MEETING

There being no further business, the meeting was closed at 7:55pm.