

AGENDA

D2022/07424

Ordinary Meeting of Council

26 May 2022

Notice of Meeting

Dear Councillors

I wish to advise that the next Ordinary Meeting of Council will be held on Thursday, 26 May 2022 commencing at 6:00pm.

The meeting is currently scheduled to be held in person at the EMRC Administration Centre, 1st Floor, 226 Great Eastern Highway, Ascot WA 6104.



Marcus Geisler | Chief Executive Officer

20 May 2022

Please Note

If any Councillor has a query regarding a report item or requires additional information in relation to a report item, please contact the responsible officer (SOURCE OF REPORT) prior to the meeting.

The meeting will be audio recorded and available through the EMRC's website at www.emrc.org.au.

Public question time will continue if the meeting is held in person but questions may be submitted electronically prior to the meeting, no later than 4.00pm on the 26 May 2022 to CouncilEnquiry@emrc.org.au



EMRC Council Members

Cr Mel Congerton	Chairman	City of Swan
Cr Dylan O'Connor	Deputy Chairman	City of Kalamunda
Cr Kathryn Hamilton	EMRC Member	Town of Bassendean
Cr Hilary MacWilliam	EMRC Member	Town of Bassendean
Cr Steven Ostaszewskyj	EMRC Member	City of Bayswater
Cr Michelle Sutherland	EMRC Member	City of Bayswater
Cr Margaret Thomas	EMRC Member	City of Kalamunda
Cr John Daw	EMRC Member	Shire of Mundaring
Cr Doug Jeans	EMRC Member	Shire of Mundaring
Cr Charlie Zannino	EMRC Member	City of Swan

EMRC Council Deputies

Cr Emily Wilding	EMRC Deputy Member	Town of Bassendean
Cr Giorgia Johnson	EMRC Deputy Member	City of Bayswater
Cr Janelle Sewell	EMRC Deputy Member	City of Kalamunda
Cr Jo Cicchini	EMRC Deputy Member	Shire of Mundaring
Cr Andrew Kiely	EMRC Deputy Member	City of Swan

Ordinary Meeting of Council 26 May 2022

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

1.1 ACKNOWLEDGEMENT OF COUNTRY

We wish to acknowledge the traditional custodians of the land on which we meet today and to pay our respects to elders past, present and future.

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

3 DISCLOSURE OF INTERESTS

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

6 PUBLIC QUESTION TIME

7 APPLICATIONS FOR LEAVE OF ABSENCE

8 PETITIONS, DEPUTATIONS AND PRESENTATIONS

9 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

9.1 MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 24 MARCH 2022

That the minutes of the Ordinary Meeting of Council held on 24 March 2022 which have been distributed, be confirmed.

COUNCIL RESOLUTION

MOVED CR

SECONDED CR

10 QUESTIONS BY MEMBERS FOR WHICH DUE NOTICE HAS BEEN GIVEN

11 QUESTIONS BY MEMBERS WITHOUT NOTICE

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

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

The following report items are covered in Section 19 of this agenda.

- HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

13 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil

14 REPORTS OF EMPLOYEES

14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF MARCH AND APRIL 2022 (D2022/05968)

14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 MARCH 2022 (D2022/07010)

14.3 FINANCIAL REPORT FOR PERIOD ENDED 30 APRIL 2022 (D2022/07020)

14.4 THE EMRC FINAL DRAFT SUSTAINABILITY STRATEGY 2022/2023 – 2026/2027 (D2022/08110)

14.5 CHIEF EXECUTIVE OFFICER ATTENDANCE AT AUSTRALIAN ORGANICS RECYCLING ASSOCIATION (AORA) ANNUAL CONFERENCE – 27-29 JUNE 2022 (D2022/08557)

14.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN (D2022/07425)

QUESTIONS

The Chairman invites 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

SECONDED CR

14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF MARCH AND APRIL 2022

D2022/05968

PURPOSE OF REPORT

The purpose of this report is to present to Council a list of accounts paid under the Chief Executive Officer's delegated authority during the months of March and April 2022 for noting.

KEY POINT(S)

- As per the requirements of regulation 13(1) of the *Local Government (Financial Management) Regulations 1996*, the list of accounts paid during the months of March and April 2022 is provided for noting.

RECOMMENDATION(S)

That Council notes the CEO's list of accounts for March and April 2022 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 \$16,254,385.08.

SOURCE OF REPORT

Chief Financial Officer

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.

- 1 The table below summarises the payments drawn on the funds during the months of March and April 2022. A list detailing the payments made is appended as an attachment to this report.

Municipal Fund	EFT Payments	EFT49032 – EFT49421	
	Cheque Payments	220648 - 220658	
	Payroll EFT	PAY 2022-18, PAY 2022-19, PAY 2022-20, PAY 2022-21 & PAY 2022-22	
	Direct Debits		
	➤ Superannuation	DD23690.1 – DD23690.22 DD23691.1 – DD23691.23 DD23692.1 – DD23692.22 DD23861.1 – DD23861.22 DD23862.1 – DD23862.22	
	➤ Bank Charges	1*MAR22 & 1*APR22	
	➤ Other	2101 - 2137	\$19,197,365.78
	Less Cancelled EFT's & Cheques		\$2,942,980.70
Trust Fund	EFT Payments		Nil
Total			\$16,254,385.08

Summary of Expenditure for the Months of March & April 2022		
Payroll	\$	1,515,354.64
Term Deposit Investments	\$	7,000,000.00
Capital Expenditure	\$	2,766,531.65
Operating Expenditure		
➤ Landfill Levy *	\$	2,942,862.33
➤ Other	\$	2,029,636.46
Total	\$	16,254,385.08

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

STRATEGIC/POLICY IMPLICATIONS

- 2 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

- 3 As detailed within the report.

SUSTAINABILITY IMPLICATIONS

4 Nil

RISK MANAGEMENT

Risk – Adverse credit rating if creditor accounts are not paid when due		
Consequence	Likelihood	Rating
Possible	Insignificant	Low
Action/Strategy		
➤ Ensure timely payment of creditor accounts when they fall due.		

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

CEO's Delegated Payments List for the months of March and April 2022 (D2022/08411)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council notes the CEO's list of accounts for March and April 2022 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 \$16,254,385.08.

COUNCIL RESOLUTION(S)

MOVED

SECONDED



Eastern Metropolitan Regional Council

**CEO's DELEGATED PAYMENTS LIST
FOR THE MONTHS OF MARCH & APRIL 2022**

Cheque / EFT No	Date	Payee		Amount
EFT49032	01/03/2022	ADT SECURITY	SECURITY MONITORING	137.39
EFT49033	01/03/2022	AIR FILTER DRY CLEAN SYSTEMS WA	CLEAN & SERVICES FILTERS	859.87
EFT49034	01/03/2022	ALLPEST - ROL-WA PTY LTD T/AS	PEST CONTROLS	2,908.00
EFT49035	01/03/2022	AUSTRALIA AND NEW ZEALAND RECYCLING PLATFORM LTD	CONTRIBUTION TO TECH COLLECT E WASTE PROGRAM COLLECTION & DISPOSAL COSTS	1,834.36
EFT49036	01/03/2022	BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L)	PLANT HIRE & PRODUCT TRANSPORTATION COSTS	3,195.50
EFT49037	01/03/2022	BIN BATH AUSTRALIA PTY LTD	BIN CLEANING	124.08
EFT49038	01/03/2022	BLACKWOODS ATKINS	HARDWARE SUPPLIES	666.40
EFT49039	01/03/2022	BREATHALYSER SALES AND SERVICE	EQUIPMENT CALIBRATION, SERVICE & MAINTENANCE	99.00
EFT49040	01/03/2022	BROOKS HIRE SERVICE PTY LTD	PLANT HIRE - EXCAVATOR	7,877.44
EFT49041	01/03/2022	BUNNINGS GROUP LTD	HARDWARE SUPPLIES	435.10
EFT49042	01/03/2022	BURSON AUTOMOTIVE PTY LTD	PLANT PARTS	31.90
EFT49043	01/03/2022	BURSWOOD TROPHIES	DOOR NAME PLATE	30.00
EFT49044	01/03/2022	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER SERVICE	118.48
EFT49045	01/03/2022	CAPS AUSTRALIA PTY LTD	EQUIPMENT COMMISSIONING & TRAINING	1,411.74
EFT49046	01/03/2022	CAVALIER PORTABLES & PARK HOMES	PLANT HIRE - WWtE	1,429.99
EFT49047	01/03/2022	CEA SPECIALTY EQUIPMENT PTY LTD T/A DITCH WITCH	PLANT PARTS	1,406.52
EFT49048	01/03/2022	CHARLES SERVICE COMPANY	CLEANING SERVICES - RED HILL	3,786.94
EFT49049	01/03/2022	CHEMCENTRE	WOOD FINDS & OTHER WOOD SAMPLE MONITORING - HAZELMERE	1,078.00
EFT49050	01/03/2022	CITY OF BAYSWATER	2021 AVON DESCENT - GRANT DISTRIBUTION	40,700.00
EFT49051	01/03/2022	CJD EQUIPMENT PTY LTD	PLANT MAINTENANCE, PARTS & SERVICE	3,342.16
EFT49052	01/03/2022	CME BOILERMAKING PTY LTD	REPAIR TO WOODWASTE GRINDER	5,018.20
EFT49053	01/03/2022	COMMAND-A-COM AUSTRALIA PTY LTD	ASCOT PLACE PHONE MESSAGE	484.00
EFT49054	01/03/2022	COMPU-STOR	IT BACKUP DATA SERVICES	660.64
EFT49055	01/03/2022	COTERRA PTY LTD T/A COTERRA ENVIRONMENT	PROVISION OF WASTE MANAGEMENT TECHNICAL ADVICE	1,493.80
EFT49056	01/03/2022	CROSSLAND & HARDY PTY LTD	SURVEYING COSTS - STAGES 14, 16 & CLASS IV STAGE 2 & 9 RELOCATED GCP'S AT RED HILL	3,740.00
EFT49057	01/03/2022	CUTTING EDGES REPLACEMENT PARTS PTY LTD	PLANT PARTS	129.74
EFT49058	01/03/2022	ECOLO WA	EQUIPMENT PURCHASE - ODOUR CONTROL SYSTEM	14,223.00
EFT49059	01/03/2022	ELAN ENERGY MATRIX	TYRE DISPOSAL COSTS - RED HILL	1,429.42
EFT49060	01/03/2022	ELEMENT HYDROGRAPHIC SOLUTIONS	EQUIPMENT MAINTENANCE & SERVICE	996.60
EFT49061	01/03/2022	ENVIRO SWEEP	SITE SWEEPING - HAZELMERE, RED HILL AND BAYWASTE	2,645.50
EFT49062	01/03/2022	ESRI AUSTRALIA PTY LTD	ANNUAL SUBSCRIPTION	9,559.00
EFT49063	01/03/2022	EUROFINS ARL PTY LTD T/AS EUROFINS	SAMPLE TESTING - DUST, WOODCHIP & WATER	5,458.20
EFT49064	01/03/2022	EVERSAFE FIRE PROTECTION	FIRE FIGHTING POWDER	104.50
EFT49065	01/03/2022	FILTERS PLUS	PLANT FILTERS	231.00
EFT49066	01/03/2022	FLEET DYNAMICS PTY LTD	MONTHLY EQUIPMENT HIRE FEE	48.40
EFT49067	01/03/2022	FRESH VENTURE GROUP PTY LTD T/AS FRUIT AT WORK	STAFF AMENITIES	447.00
EFT49068	01/03/2022	FUJIFILM BUSINESS INNOVATION AUSTRALIA PTY LTD	PHOTOCOPIER MAINTENANCE & SUPPLIES	306.10
EFT49069	01/03/2022	GEOFABRICS AUSTRALASIA PTY LTD	PURCHASE CELL LINING MATERIALS	16,346.00
EFT49070	01/03/2022	GOODCHILD ENTERPRISES	BATTERY PURCHASE	255.20
EFT49071	01/03/2022	GREENS ELECTRICAL SERVICE	ELECTRICAL MAINTENANCE AT RED HILL	3,114.58
EFT49072	01/03/2022	HARDHAT MEDIA & COMMUNICATIONS	CONSTRUCTION TIME-LAPSE FOR WASTE STATION AT HRRP	1,397.00

**CEO's DELEGATED PAYMENTS LIST
FOR THE MONTHS OF MARCH & APRIL 2022**

Cheque / EFT No	Date	Payee	Amount
EFT49073	01/03/2022	HARVEY NORMAN MIDLAND - RD SUPA PTY LTD T/AS HARVEY PRINTER CONSUMABLES - RED HILL	282.20
EFT49074	01/03/2022	NORMAN AV/IT SUPERSTORE MIDLAND HECS FIRE	FIRE EQUIPMENT INSPECTION & SERVICE 385.00
EFT49075	01/03/2022	HOPGOODGANIM LAWYERS	REVIEW OF DRAFT TEMPLATE - SALES AGREEMENT 1,366.75
EFT49076	01/03/2022	ILLION AUSTRALIA PTY LTD (DUN & BRADSTREET)	ONLINE CREDIT REFERENCE CHECKS 115.50
EFT49077	01/03/2022	INSTANT WEIGHT PTY LTD T/A INSTANT WEIGHING	PLANT CALIBRATION 880.00
EFT49078	01/03/2022	INTEGRATED ICT	IT SUPPORT 6,200.08
EFT49079	01/03/2022	KENNARDS HIRE	PLANT HIRE 1,452.00
EFT49080	01/03/2022	KOOL KREATIVE	MARKETING MATERIALS - URBAN TEAM 242.00
EFT49081	01/03/2022	LAW CENTRAL LEGAL PTY LTD T/AS LAW CENTRAL LEGAL	LEGAL ADVICE - WWiE PROJECT 4,158.00
EFT49082	01/03/2022	LIFRITE HIRE & SALES	PLANT HIRE & REPAIR 4,136.00
EFT49083	01/03/2022	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	STAFF TRAINING 1,700.00
EFT49084	01/03/2022	MA SERVICES GROUP PTY LTD	SECURITY MONITORING 10,286.68
EFT49085	01/03/2022	MAIL PLUS PERTH	MAIL EXPENSES 369.60
EFT49086	01/03/2022	MAJOR MOTORS PTY LTD	PLANT PARTS 1,871.45
EFT49087	01/03/2022	MARSMEN PLUMBING	BUILDING MAINTENANCE AT ASCOT PLACE 197.18
EFT49088	01/03/2022	MIDLAND TOYOTA	VEHICLE REPAIR 3,995.09
EFT49089	01/03/2022	MIDWAY FORD (WA)	VEHICLE SERVICE 555.00
EFT49090	01/03/2022	NEVERFAIL SPRINGWATER	BOTTLED WATER 1,090.15
EFT49091	01/03/2022	OFFICE LINE GROUP	PURCHASE OF OFFICE EQUIPMENT 453.20
EFT49092	01/03/2022	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL 477.46
EFT49093	01/03/2022	PERTH SCIENTIFIC	EQUIPMENT SERVICE 599.50
EFT49094	01/03/2022	PIRTEK MALAGA - JH FLUID TRANSFER SOLUTIONS T/AS	PLANT REPAIR 1,780.32
EFT49095	01/03/2022	POWERUP AUTO TREATMENTS - CHEMSOL AUSTRALIA PTY LTD T/AS	SOLUTIONS FOR ENGINES 448.80
EFT49096	01/03/2022	PR POWER PTY LTD	PLANT PARTS 2,132.90
EFT49097	01/03/2022	PRESTIGE ALARMS	REPLACE SERCURITY CAMERAS AT HRRP & SECURTIY MONITORING AT HAZELMERE 4,345.13
EFT49098	01/03/2022	PRO WELD MINE MAINTENANCE PTY LTD	PLANT MAINTENANCE - TROMMEL 1,067.00
EFT49099	01/03/2022	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES 2,083.32
EFT49100	01/03/2022	QUAD SERVICES PTY LTD	CLEANING SERVICES & CONSUMABLES - ASCOT PLACE 10,467.38
EFT49101	01/03/2022	REFRESH WATERS PTY LTD	BOTTLED WATER 78.50
EFT49102	01/03/2022	REGIONAL DEVELOPMENT AUSTRALIA SOUTH WEST INC	FOGO PROJECT ECONOMIC ANALYSIS 495.00
EFT49103	01/03/2022	RELATIONSHIPS AUSTRALIA WA INC	EAP - COUNSELLING FEES 165.00
EFT49104	01/03/2022	REMONDIS AUSTRALIA PTY LTD	COLLECTION OF PAPER RECYCLABLES 18.04
EFT49105	01/03/2022	RUDD INDUSTRIAL AND FARM SUPPLIES	HARDWARE SUPPLIES 269.86
EFT49106	01/03/2022	SAFE WORK LABORATORIES PTY LTD	HEALTH PROMOTIONS - DRUG TESTING 1,430.00
EFT49107	01/03/2022	SETON AUSTRALIA - BRADY AUSTRALIA PTY LTD T/AS	PLANT PARTS 492.64
EFT49108	01/03/2022	SHIRE OF NORTHAM	2021 AVON DESCENT - GRANT DISTRIBUTION 33,550.00
EFT49109	01/03/2022	SIGN SUPERMARKET	SIGNS 110.00
EFT49110	01/03/2022	SMART WASTE SOLUTIONS AUSTRALIA PTY LTD	SERVICE REDUCTION COMPACTOR 713.90
EFT49111	01/03/2022	SOFT LANDING - GREAT LAKES COMMUNITY RESOURCES INCORPORATED T/A	COLLECTION & DISPOSAL OF MATTRESSES AT HAZELMERE 53,597.50
EFT49112	01/03/2022	SONIC HEALTHPLUS PTY LTD	PRE-EMPLOYMENT MEDICAL 588.50
EFT49113	01/03/2022	SPUDS GARDENING SERVICES	GARDENING SERVICE AT HAZELMERE 1,905.00

**CEO's DELEGATED PAYMENTS LIST
FOR THE MONTHS OF MARCH & APRIL 2022**

Cheque / EFT No	Date	Payee		Amount
EFT49114	01/03/2022	ST JOHN AMBULANCE ASSOCIATION	FIRST AID TRAINING & RESTOCK FIRST AID KIT	875.32
EFT49115	01/03/2022	STATEWIDE BEARINGS - PARTOUT PTY LTD T/A	PARTS FOR WOOD GRINDER	143.00
EFT49116	01/03/2022	SUEZ RECYCLING & RECOVERY	FOGO BIN HIRE	34.56
EFT49117	01/03/2022	SWAN FIRE SERVICES	SERVICE MAINTENANCE - FIRE PROTECTION SYSTEM AT HAZELMERE	173.80
EFT49118	01/03/2022	SYNERGY	ELECTRICITY CHARGES - HAZELMERE	6,826.55
EFT49119	01/03/2022	TALIS CONSULTANTS	CONSULTING FEE - REGIONAL WASTE COLLECTION MODEL	904.75
EFT49120	01/03/2022	THE WATERSHED	PLANT PARTS	172.00
EFT49121	01/03/2022	TIM DAVIES LANDSCAPING PTY LTD (TDL)	GARDEN MAINTENANCE ASCOT PLACE	1,014.99
EFT49122	01/03/2022	TJ DEPIAZZI & SONS	PRODUCT TRANSPORTATION COSTS	6,804.60
EFT49123	01/03/2022	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	1,798.71
EFT49124	01/03/2022	TRADEFAIRE INTERNATIONAL PTY LTD (PREVIOUSLY ACCESS	TYRE REPLACEMENTS & REPAIRS	1,240.25
EFT49125	01/03/2022	INDUSTRIAL TYRES #3106) TRANEN PTY LTD	REVEGETATION MONITORING & PROVISION FOR REPORT	9,209.20
EFT49126	01/03/2022	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT PARTS & REPAIR	5,580.79
EFT49127	01/03/2022	TWISTECH - GREG WOOD	FENCE REPAIRS AT RED HILL & TRANSFER STATIONS	3,476.00
EFT49128	01/03/2022	TYREPOWER MUNDARING	PUNCTURE REPAIR & TYRE REPLACEMENTS	1,442.00
EFT49129	01/03/2022	UNITED CRANE SERVICES PTY LTD	PLANT REPAIR - GRINDER	1,018.88
EFT49130	01/03/2022	VOLICH WASTE CONTRACTORS PTY LTD	BULK BIN HIRE	44.00
EFT49131	01/03/2022	WA HINO SALES AND SERVICE	PLANT PART - HOOKLIFT TRUCKS	159.94
EFT49132	01/03/2022	WA SAFETY PRODUCTS	PROTECTIVE CLOTHING	690.48
EFT49133	01/03/2022	WASTETRANS WA - APPALA HOLDINGS PTY LTD T/AS	PRODUCT TRANSPORTATION COSTS	42,489.50
EFT49134	01/03/2022	WATERLOGIC AUSTRALIA PTY LTD	EQUIPMENT RENTAL	810.40
EFT49135	01/03/2022	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICE AGREEMENT & PLANT PARTS	13,889.09
EFT49136	01/03/2022	WINC AUSTRALIA PTY LTD	STATIONERY & CONSUMABLES	1,270.58
EFT49137	01/03/2022	WORK CLOBBER	PROTECTIVE CLOTHING	910.30
EFT49138	01/03/2022	WREN OIL	WASTE OIL REMOVAL	33.00
EFT49139	01/03/2022	YEOMAN PTY LTD ATF THE RJ ROHRLACH FAMILY TRUST	CONSULTING FEES - ENERGY SUPPLY CONTRACT & WWtE	6,457.00
EFT49140	04/03/2022	ADVANCED LIQUID WASTE - ANTHONY WALSH ATF 88 FAMILY TRUST T/A	PUMP OUT WHEEL WASH SUMPS AT RED HILL & HAZELMERE	2,376.50
EFT49141	04/03/2022	AUSTRALIA POST - ASCOT PLACE	POSTAL CHARGES	46.87
EFT49142	04/03/2022	BROOKS HIRE SERVICE PTY LTD	PLANT HIRE - EXCAVATOR	1,890.57
EFT49143	04/03/2022	DRAKE AUSTRALIA PTY LTD	LABOUR HIRE	9,035.65
EFT49144	04/03/2022	FLEXI STAFF PTY LTD	LABOUR HIRE	3,591.04
EFT49145	04/03/2022	INDUSTRIAL RECRUITMENT PARTNERS	LABOUR HIRE	3,315.85
EFT49146	04/03/2022	KLB SYSTEMS	COMPUTER HARDWARE PURCHASES	1,666.50
EFT49147	04/03/2022	LABOURFORCE IMPEX PERSONNEL P/L	LABOUR HIRE	10,677.68
EFT49148	04/03/2022	LAND KWALITY	PRODUCT SAMPLING ASSESSMENT	2,271.50
EFT49149	04/03/2022	MARGARET THOMAS	REIMBURSEMENT OF EXPENSES	79.00
EFT49150	04/03/2022	MS GROUNDWATER MANAGEMENT	GROUNDWATER MONITORING AT RED HILL	10,560.00
EFT49151	04/03/2022	PERTH BIN HIRE - IWM (PBH) PTY LTD T/A	PRODUCT TRANSPORTATION COSTS	450.00
EFT49152	04/03/2022	ROBERT PLIMBLEY	STAFF REBURSEMENT	1,807.00
EFT49153	04/03/2022	SYNERGY	ELECTRICITY CHARGES - HAZELMERE	1,457.40
EFT49154	04/03/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	404.51

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EFT49155	04/03/2022	WEST TIP WASTE CONTROL	SKIP BIN HIRE	1,171.50
EFT49156	08/03/2022	CIVIL AUTO ELECTRICS PTY LTD	PLANT REPAIRS	2,159.30
EFT49157	08/03/2022	G AND D FENCING - GRALEI PTY LTD T/A	NOISE CONTROL FENCE INSTALLATION - HRRP	27,262.40
EFT49158	08/03/2022	JOHN HUGHES (ROHANNA PTY LTD)	VEHICLE PURCHASE	45,340.00
EFT49159	08/03/2022	MILLS RECRUITMENT - MILLS CORPORATION PTY LTD T/AS	LABOUR HIRE	4,227.25
EFT49160	08/03/2022	NEWTOWN TOYOTA	VEHICLE PURCHASE	26,527.05
EFT49161	08/03/2022	PERTH ENERGY PTY LTD	GAS SUPPLY - WWtE	174.64
EFT49162	08/03/2022	SMEC AUSTRALIA PTY LTD	CONSULTING FEE - CONSTRUCTION OF STAGE 16 AT RED HILL	32,732.13
EFT49163	08/03/2022	WDIS.WA.PTY.LTD	PLANT REPAIR - GRINDER	1,595.00
EFT49164	08/03/2022	CHILD SUPPORT	EMPLOYEE DEDUCTION	352.70
EFT49165	08/03/2022	CITY OF CANNING	PLANT PURCHASE - WALKING FLOOR TRAILER	110,000.00
EFT49166	08/03/2022	PAYG PAYMENTS	PAYG TAXATION PAYMENT	82,582.00
EFT49167	11/03/2022	CITY OF SWAN	COUNCIL RATES	34,800.24
EFT49168	11/03/2022	DRAKE AUSTRALIA PTY LTD	LABOUR HIRE	26,599.62
EFT49169	11/03/2022	FLEXI STAFF PTY LTD	LABOUR HIRE	6,725.07
EFT49170	11/03/2022	HOPGOODGANIM LAWYERS	PROBITY SERVICES - PERMANENT FOGO FACILITY	2,530.00
EFT49171	11/03/2022	LABOURFORCE IMPEX PERSONNEL P/L	LABOUR HIRE	9,668.79
EFT49172	11/03/2022	MADDERN ELECTRICS	ELECTRICAL MAINTENANCE - ASCOT PLACE	253.00
EFT49173	11/03/2022	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	2,718.82
EFT49174	11/03/2022	NATIONAL WORKFORCE	LABOUR HIRE	6,369.58
EFT49175	11/03/2022	SYNERGY	ELECTRICITY CHARGES - HAZELMERE	5,942.11
EFT49176	11/03/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	345.49
EFT49177	16/03/2022	AIRROAD PTY LTD	REFUND OF DUPLICATE PAYMENT	83.16
EFT49178	16/03/2022	BP AUSTRALIA PTY LTD	FUEL PURCHASES	115,100.52
EFT49179	16/03/2022	CIVIL AUTO ELECTRICS PTY LTD	PLANT REPAIRS	750.20
EFT49180	16/03/2022	DEPARTMENT OF AGRICULTURE, WATER AND THE ENVIRONMENT	BIOSECURITY AUDIT FEE	860.00
EFT49181	16/03/2022	DRAKE AUSTRALIA PTY LTD	LABOUR HIRE	9,943.20
EFT49182	16/03/2022	KLB SYSTEMS	COMPUTER HARDWARE PURCHASES & ANTI-SPAM SOFTWARE SUBSCRIPTION	6,611.00
EFT49183	16/03/2022	PERTH QUALITY SERVICES	GENERAL MAINTENANCE - HAZELMERE SITE	820.00
EFT49184	16/03/2022	SYNERGY	ELECTRICITY CHARGES - ASCOT PLACE	3,726.45
EFT49185	18/03/2022	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT	120,339.00
EFT49186	18/03/2022	KENNARDS HIRE	PLANT HIRE	1,850.00
EFT49187	18/03/2022	POWERUP AUTO TREATMENTS - CHEMSOL AUSTRALIA PTY LTD T/AS	PLANT FLUID	706.20
EFT49188	18/03/2022	TWISTECH - GREG WOOD	FENCE REPAIR AT RED HILL	462.00
EFT49189	18/03/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	654.14
EFT49190	18/03/2022	HOVER HOLDINGS PTY LTD	WASTE PRODUCT TRANSPORTATION COSTS	3,575.00
EFT49191	23/03/2022	CHILD SUPPORT	EMPLOYEE DEDUCTION	352.70
EFT49192	23/03/2022	PAYG PAYMENTS	PAYG TAXATION PAYMENT	85,064.00
EFT49193	23/03/2022	AIR FILTER DRY CLEAN SYSTEMS WA	CLEAN & SERVICES FILTERS	323.02
EFT49194	23/03/2022	BAYSWATER AUTO DETAILERS	POOL VEHICLE CLEANING	506.00
EFT49195	23/03/2022	BISTEL CONSTRUCTION PTY LTD	CONSTRUCTION - HAZELMERE WASTE TRANSFER STATION & RED HILL WORKSHOP	1,153,774.90

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EFT49196	23/03/2022	FLEXI STAFF PTY LTD	LABOUR HIRE	1,998.04
EFT49197	23/03/2022	GHD PTY LTD	CONSULTANCY FEE - PERMANENT FOGO PROCESSING FACILITY	19,900.98
EFT49198	23/03/2022	LABOURFORCE IMPEX PERSONNEL P/L	LABOUR HIRE	8,624.53
EFT49199	23/03/2022	MILLS RECRUITMENT - MILLS CORPORATION PTY LTD T/AS	LABOUR HIRE	2,158.64
EFT49200	23/03/2022	PERTH ENERGY PTY LTD	GAS SUPPLY - WWtE	196.41
EFT49201	23/03/2022	SYNERGY	ELECTRICITY CHARGES - HAZELMERE	8,206.80
EFT49202	23/03/2022	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT SERVICE	5,296.80
EFT49203	23/03/2022	YOGA BY LAUREN CATALANO	STAFF HEALTH PROMOTION	720.00
EFT49204	25/03/2022	ARDEA ENVIRONMENTAL	GDA SUPPORT	3,200.00
EFT49205	25/03/2022	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER)	ANNUAL LICENCE RENEWAL FOR RED HILL	26,593.00
EFT49206	25/03/2022	NAGAMANI RAJU MADDI	STAFF REIMBURSEMENT	112.33
EFT49207	25/03/2022	STEPHEN CONWAY	STAFF REIMBURSEMENT	150.50
EFT49208	25/03/2022	SUNDAY EKE	STAFF REIMBURSEMENT	36.28
EFT49209	25/03/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	12,318.17
EFT49210	29/03/2022	VENUESLIVE MANAGEMENT SERVICES (WA) PTY LTD (OPTUS STADIUM)	VENUE HIRE - OTHER FUNCTIONS	1,573.00
EFT49211	31/03/2022	CIVIL AUTO ELECTRICS PTY LTD	PLANT REPAIRS	292.05
EFT49212	31/03/2022	DECOY	DEPOSIT - OTHER FUNCTIONS	1,525.00
EFT49213	31/03/2022	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER)	CONTROL WASTE TRACKING FORM CHARGES	704.00
EFT49214	31/03/2022	HARTAC SALES & DISTRIBUTION PTY LTD	PROTECTIVE CLOTHING	281.60
EFT49215	31/03/2022	LABOURFORCE IMPEX PERSONNEL P/L	LABOUR HIRE	8,360.38
EFT49216	31/03/2022	MARKETFORCE	VARIOUS ADVERTISEMENT & PUBLIC NOTICES	685.86
EFT49217	31/03/2022	MILLS RECRUITMENT - MILLS CORPORATION PTY LTD T/AS	LABOUR HIRE	4,055.94
EFT49218	31/03/2022	NATHANIEL TAN PHOTOGRAPHY	DEPOSIT - OTHER FUNCTIONS	198.00
EFT49219	31/03/2022	WESTRAC EQUIPMENT PTY LTD	PLANT PARTS	447.16
EFT49220	01/04/2022	AALAN LINE MARKING SERVICES	PAINTING OF LINES AT HAZELMERE	25,965.50
EFT49221	01/04/2022	ADT SECURITY	SECURITY MONITORING	126.84
EFT49222	01/04/2022	AFGRI EQUIPMENT AUSTRALIA PTY LTD	PLANT REPAIR	992.84
EFT49223	01/04/2022	AIR FILTER DRY CLEAN SYSTEMS WA	CLEAN & SERVICES FILTERS	1,005.57
EFT49224	01/04/2022	ALL RUBBER TMH PTY LTD	REPLACEMENT BELT ON GRINDER	1,259.50
EFT49225	01/04/2022	ALLIGHTSYKES PTY LTD	QUARTERLY SERVICE - GENERATOR AT ASCOT PLACE	407.00
EFT49226	01/04/2022	ALLPEST - ROL-WA PTY LTD T/AS	PEST CONTROLS	2,737.50
EFT49227	01/04/2022	AUSTRALIA AND NEW ZEALAND RECYCLING PLATFORM LTD	CONTRIBUTION TO TECH COLLECT E WASTE PROGRAM COLLECTION & DISPOSAL COSTS	699.60
EFT49228	01/04/2022	AUSTRALIA POST - ASCOT PLACE	POSTAL CHARGES & METER RESET	402.46
EFT49229	01/04/2022	AUSTRALIAN ACCESS HIRE PTY LTD	PLANT HIRE	495.28
EFT49230	01/04/2022	BARFIELD EARTHMOVING (JAYCOURT NOMINEES P/L)	PLANT HIRE & PLANT TRANSPORTATION COSTS	17,081.50
EFT49231	01/04/2022	BATTERY WORLD	BATTERY PURCHASES	740.00
EFT49232	01/04/2022	BEDROCK MINE MAINTENANCE SERVICES PTY LTD	REPAIR HAAS GRINDER PARTS	1,320.00
EFT49233	01/04/2022	BIG BUBBLE RETAIL	CLEANING SOLUTION	24.56
EFT49234	01/04/2022	BIN BATH AUSTRALIA PTY LTD	BIN CLEANING	155.10
EFT49235	01/04/2022	BIOGAS SYSTEMS AUSTRALIA PTY LTD	PURCHASE OF PUMPS	591.91
EFT49236	01/04/2022	BLUEFIT PTY LTD (BELMONT OASIS LEISURE CENTRE)	STAFF HEALTH PROMOTION	486.00

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EFT49237	01/04/2022	BOBCAT ATTACH	PLANT REPAIR	297.00
EFT49238	01/04/2022	BRING COURIERS	COURIER SERVICE	556.93
EFT49239	01/04/2022	BROOKS HIRE SERVICE PTY LTD	PLANT HIRE	9,768.00
EFT49240	01/04/2022	BUNNINGS GROUP LTD	HARDWARE SUPPLIES	633.38
EFT49241	01/04/2022	BURSON AUTOMOTIVE PTY LTD	PLANT PARTS	456.87
EFT49242	01/04/2022	BURSWOOD TROPHIES	ENGRAVING SERVICE	30.80
EFT49243	01/04/2022	CHARLES SERVICE COMPANY	CLEANING SERVICES - RED HILL	3,047.74
EFT49244	01/04/2022	CHEMCENTRE	WOOD FINDS & OTHER WOOD SAMPLE MONITORING - HAZELMERE	440.00
EFT49245	01/04/2022	CJD EQUIPMENT PTY LTD	PLANT MAINTENANCE, PARTS & SERVICE	10,477.05
EFT49246	01/04/2022	CME BOILERMAKING PTY LTD	PLANT REPAIR	4,944.50
EFT49247	01/04/2022	COMMAND-A-COM AUSTRALIA PTY LTD	PHONE SYSTEM SUPPORT & MAINTENANCE - ASCOT PLACE	638.00
EFT49248	01/04/2022	COMPU-STOR	IT BACKUP DATA SERVICES	791.34
EFT49249	01/04/2022	CONTAINIT PTY LTD T/A CONTAINIT SOLUTIONS	EQUIPMENT PURCHASES	5,396.60
EFT49250	01/04/2022	CONVEYOR PRODUCTS AND SOLUTIONS PTY LTD (CPS)	HARDWARE SUPPLIES	2,480.06
EFT49251	01/04/2022	COTERRA PTY LTD T/A COTERRA ENVIRONMENT	PROVISION OF WASTE MANAGEMENT TECHNICAL ADVICE	2,400.75
EFT49252	01/04/2022	CPR ELECTRICAL SERVICES	ELECTRICAL MAINTENANCE - HAAS GRINDER	2,997.50
EFT49253	01/04/2022	CROSSLAND & HARDY PTY LTD	SURVEYING COSTS - STAGES 14 AT RED HILL	1,188.00
EFT49254	01/04/2022	CUTTING EDGES REPLACEMENT PARTS PTY LTD	PLANT PARTS	3,787.88
EFT49255	01/04/2022	ECHO NEWSPAPERS	ANNUAL SUBSCRIPTION	148.50
EFT49256	01/04/2022	ECOLO WA	INSTALL VAPOURGUARD ODOUR CONTROL SYSTEMS AT RED HILL	7,293.00
EFT49257	01/04/2022	ECOTECH P/L	EQUIPMENT HIRE	1,045.00
EFT49258	01/04/2022	ELAN ENERGY MATRIX	TYRE DISPOSAL COSTS - TRANSFER STATIONS	1,402.03
EFT49259	01/04/2022	ELEMENT HYDROGRAPHIC SOLUTIONS	EQUIPMENT MAINTENANCE & SERVICE	443.30
EFT49260	01/04/2022	ENVIRO SWEEP	SITE SWEEPING - HAZELMERE	2,825.90
EFT49261	01/04/2022	EUROFINS ARL PTY LTD T/AS EUROFINS	SAMPLE TESTING - WATER & WOOFDFINES & WOODCHIPS & DUST ANALYSIS	84.70
EFT49262	01/04/2022	FILTERS PLUS	PLANT FILTERS	230.45
EFT49263	01/04/2022	FLEET DYNAMICS PTY LTD	MONTHLY EQUIPMENT HIRE FEE	48.40
EFT49264	01/04/2022	FLUID MANAGEMENT TECHNOLOGY PTY LTD	PLANT PARTS	1,239.19
EFT49265	01/04/2022	FRESH VENTURE GROUP PTY LTD T/AS FRUIT AT WORK	STAFF AMENITIES	552.00
EFT49266	01/04/2022	FUELFIX PTY LTD	EQUIPMENT HIRE	1,390.95
EFT49267	01/04/2022	FUJIFILM BUSINESS INNOVATION AUSTRALIA PTY LTD	PHOTOCOPIER MAINTENANCE & SUPPLIES	774.39
EFT49268	01/04/2022	GALLOWAY ELECTRICAL CONTRACTORS	REPAIRS TO GRINDER	3,602.72
EFT49269	01/04/2022	GLOBAL SYNTHETICS PTY LTD	CELL LININGS FOR RED HILL	6,042.21
EFT49270	01/04/2022	GOODCHILD ENTERPRISES	BATTERY PURCHASES	874.50
EFT49271	01/04/2022	GREENS ELECTRICAL SERVICE	ELECTRICAL MAINTENANCE AT RED HILL & HAZELMERE	1,930.73
EFT49272	01/04/2022	GROENEVELD AUSTRALIA P/L	PLANT PARTS	314.84
EFT49273	01/04/2022	HERTZ INSPECTION AND SERVICES PTY LTD TRUSTEE OF HARSIDHHI FAMILY TRUST	PLANT MAINTENANCE	5,500.00
EFT49274	01/04/2022	IAN BANCROFT	GENERAL MAINTENANCE - RED HILL WEIGHBRIDGE	412.50
EFT49275	01/04/2022	INTEGRATED ICT	IT SUPPORT	2,393.25
EFT49276	01/04/2022	JD ORGANICS PTY LTD	FOGO PRODUCTS	8,578.00
EFT49277	01/04/2022	K2 AUDIOVISUAL PTY LTD	EQUIPMENT RE-ALLOCATION	1,116.50

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EFT49278	01/04/2022	KENNARDS HIRE	1,195.60
EFT49279	01/04/2022	KOOL KREATIVE	2,178.00
EFT49280	01/04/2022	LAW CENTRAL LEGAL PTY LTD T/AS LAW CENTRAL LEGAL	1,386.00
EFT49281	01/04/2022	LYONS AIRCONDITIONING SERVICES	1,281.63
EFT49282	01/04/2022	MAIL PLUS PERTH	369.60
EFT49283	01/04/2022	MAJOR MOTORS PTY LTD	4,066.70
EFT49284	01/04/2022	MARKET CREATIONS AGENCY	2,706.00
EFT49285	01/04/2022	MARSMEN PLUMBING	1,031.09
EFT49286	01/04/2022	MCINTOSH & SON	371.76
EFT49287	01/04/2022	MIDLAND SOLAR & AIR	2,651.00
EFT49288	01/04/2022	MIDLAND STEEL FABRICATION - RASON HOLDINGS P/L AS	220.00
EFT49289	01/04/2022	TRUSTEE FOR THE MIDLAND STEEL TRUST (PREVIOUSLY CR# MM SPANNERS PTY LTD	880.00
EFT49290	01/04/2022	MUNDARING CRANE TRUCK HIRE	247.50
EFT49291	01/04/2022	NATIONAL WORKFORCE	7,776.35
EFT49292	01/04/2022	NETLINK GROUP PTY LTD	426.25
EFT49293	01/04/2022	NEVERFAIL SPRINGWATER	1,115.96
EFT49294	01/04/2022	NEW WATER WAYS	220.00
EFT49295	01/04/2022	ONSITE RENTALS PTY LTD	450.95
EFT49296	01/04/2022	PERTH BIN HIRE - IWM (PBH) PTY LTD T/A	225.00
EFT49297	01/04/2022	PETRO MIN ENGINEERS	2,175.25
EFT49298	01/04/2022	PIRTEK MALAGA - JH FLUID TRANSFER SOLUTIONS T/AS	1,147.62
EFT49299	01/04/2022	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	1,147.41
EFT49300	01/04/2022	POWERUP AUTO TREATMENTS - CHEMSOL AUSTRALIA PTY LTD T/AS	155.10
EFT49301	01/04/2022	PR POWER PTY LTD	12,792.01
EFT49302	01/04/2022	PRESTIGE ALARMS	1,108.00
EFT49303	01/04/2022	PROTECTOR FIRE SERVICES	2,832.13
EFT49304	01/04/2022	PRUDENTIAL INVESTMENT SERVICES CORP P/L	2,083.32
EFT49305	01/04/2022	QUAD SERVICES PTY LTD	4,604.79
EFT49306	01/04/2022	QUESTAMON TRAINING - CORPORATE TRAINING SERVICES T/AS	1,495.00
EFT49307	01/04/2022	RELATIONSHIPS AUSTRALIA WA INC	341.00
EFT49308	01/04/2022	REMONDIS AUSTRALIA PTY LTD	52.63
EFT49309	01/04/2022	RUDD INDUSTRIAL AND FARM SUPPLIES	496.97
EFT49310	01/04/2022	SAFE WORK LABORATORIES PTY LTD	1,430.00
EFT49311	01/04/2022	SETON AUSTRALIA - BRADY AUSTRALIA PTY LTD T/AS	221.02
EFT49312	01/04/2022	SHOP FOR SHOPS	1,020.75
EFT49313	01/04/2022	SIGN SUPERMARKET	925.00
EFT49314	01/04/2022	SIGNS & LINES	1,539.73
EFT49315	01/04/2022	SNAPPER DISPLAY SYSTEM	511.84
EFT49316	01/04/2022	SOFT LANDING - GREAT LAKES COMMUNITY RESOURCES INCORPORATED T/A	19,360.00
EFT49317	01/04/2022	SONIC HEALTHPLUS PTY LTD	1,248.50
EFT49318	01/04/2022	SOUTHERN CROSS PROTECTION	583.00

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EFT49319	01/04/2022	STATEWIDE BEARINGS - PARTOUT PTY LTD T/A	PLANT PARTS - GRINDER	1,557.60
EFT49320	01/04/2022	SWAN FIRE SERVICES	SERVICE MAINTENANCE & REPAIR - FIRE PROTECTION SYSTEM AT HAZELMERE	525.80
EFT49321	01/04/2022	SWAN LOCK SERVICE - RAMSAY & SONS PTY LTD T/A	PADLOCKS	2,825.00
EFT49322	01/04/2022	SWAN TOWING SERVICES PTY LTD ATF THE SWAN TOWING TRUST	PLANT TRANSPORTATION COST	484.00
EFT49323	01/04/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	380.42
EFT49324	01/04/2022	TENDERLINK	ADVERTISING COSTS - TENDER	184.80
EFT49325	01/04/2022	THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD	RECALIBRATION OF EQUIPMENTS	437.80
EFT49326	01/04/2022	TIM DAVIES LANDSCAPING PTY LTD (TDL)	GARDEN MAINTENANCE ASCOT PLACE	1,014.99
EFT49327	01/04/2022	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	1,202.95
EFT49328	01/04/2022	TRACS	PLANT REPAIRS & PARTS	8,535.70
EFT49329	01/04/2022	TRADEFAIRE INTERNATIONAL PTY LTD (PREVIOUSLY ACCESS INDUSTRIAL TYRES #3106)	TYRE REPLACEMENT & REPAIR	1,388.20
EFT49330	01/04/2022	TWISTECH - GREG WOOD	INSTALL TEMPORARY FENCE TO FOGO & REPAIRS TO FENCES	8,492.00
EFT49331	01/04/2022	TYREPOWER MUNDARING	PUNCTURE REPAIR & TYRE REPLACEMENTS	1,334.00
EFT49332	01/04/2022	UNITED CRANE SERVICES PTY LTD	PLANT REPAIR - GRINDER	4,598.55
EFT49333	01/04/2022	VOLICH WASTE CONTRACTORS PTY LTD	BULK BIN HIRE	44.00
EFT49334	01/04/2022	WA HINO SALES AND SERVICE	SERVICE MAINTENANCE - HOOKLIFT TRUCKS	1,838.27
EFT49335	01/04/2022	WA MACHINERY GLASS	REPLACE WINDSCREEN ON PLANT	1,083.50
EFT49336	01/04/2022	WATERLOGIC AUSTRALIA PTY LTD	EQUIPMENT RENTAL	822.28
EFT49337	01/04/2022	WEST COAST POLY PTY LTD	PLANT PURCHASE	21,736.00
EFT49338	01/04/2022	WEST TIP WASTE CONTROL	SKIP BIN HIRE & WASTE TRANSPORTATION COSTS	13,656.50
EFT49339	01/04/2022	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION (WALGA)	STAFF TRAINING	578.00
EFT49340	01/04/2022	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICE AGREEMENT & PLANT PARTS	16,090.64
EFT49341	01/04/2022	WINC AUSTRALIA PTY LTD	STATIONERY & CONSUMABLES	2,230.92
EFT49342	01/04/2022	WORK CLOBBER	PROTECTIVE CLOTHING	225.00
EFT49343	01/04/2022	WORKFORCE ADMINISTRATION (AUST) PTY LTD (PORTNER PRESS)	ANNUAL SUBSCRIPTION RENEWAL	990.00
EFT49344	01/04/2022	WORLDWIDE PRINTING SOLUTIONS CANNINGTON	PULL UP BANNER	242.00
EFT49345	01/04/2022	WREN OIL	WASTE OIL REMOVAL	33.00
EFT49346	06/04/2022	CHARLIE ZANNINO	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49347	06/04/2022	CHILD SUPPORT	EMPLOYEE DEDUCTION	352.70
EFT49348	06/04/2022	DOUG JEANS	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49349	06/04/2022	DYLAN O'CONNOR	QUARTERLY COUNCILLORS PAYMENT	3,893.94
EFT49350	06/04/2022	GIORGIA JOHNSON	COUNCILLORS ATTENDANCE FEE	238.00
EFT49351	06/04/2022	HILARY MACWILLIAM	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49352	06/04/2022	JO CICCHINI	COUNCILLORS ATTENDANCE FEE	238.00
EFT49353	06/04/2022	JOHN DAW	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49354	06/04/2022	KATHRYN HAMILTON	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49355	06/04/2022	MARGARET THOMAS	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49356	06/04/2022	MEL CONGERTON	QUARTERLY COUNCILLORS PAYMENT	8,975.50
EFT49357	06/04/2022	MICHELLE SUTHERLAND	QUARTERLY COUNCILLORS PAYMENT	2,640.00
EFT49358	06/04/2022	PAYG PAYMENTS	PAYG TAXATION PAYMENT	84,210.00
EFT49359	06/04/2022	STEVE OSTASZEWSKYJ	QUARTERLY COUNCILLORS PAYMENT	2,640.00

Eastern Metropolitan Regional Council
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Cheque / EFT No	Date	Payee		Amount
EFT49360	06/04/2022	AMALGAM RECRUITMENT	LABOUR HIRE	1,884.47
EFT49361	06/04/2022	CIVIL AUTO ELECTRICS PTY LTD	PLANT REPAIR	2,019.05
EFT49362	06/04/2022	INDUSTRIAL RECRUITMENT PARTNERS	LABOUR HIRE	2,668.00
EFT49363	06/04/2022	KIRTI DHURANDHAR	STAFF REIMBURSEMENT	195.00
EFT49364	06/04/2022	LABOURFORCE IMPEX PERSONNEL P/L	LABOUR HIRE	5,684.47
EFT49365	06/04/2022	LGIS INSURANCE BROKING	ANNUAL INSURANCE PREMIUM - WWtE	24,136.66
EFT49366	06/04/2022	MILLS RECRUITMENT - MILLS CORPORATION PTY LTD T/AS	LABOUR HIRE	4,190.34
EFT49367	06/04/2022	PRO WELD MINE MAINTENANCE PTY LTD	PLANT PARTS	1,214.40
EFT49368	06/04/2022	SYNERGY	ELECTRICITY CHARGES & BUYBACK SURPLUS AGREEMENT	10,271.81
EFT49369	06/04/2022	TELSTRA CORPORATION LTD	TELEPHONE CHARGES	996.74
EFT49370	08/04/2022	GROENEVELD AUSTRALIA P/L	PLANT PARTS	1,196.00
EFT49371	08/04/2022	INTEGRATED ICT	IT SUPPORT	861.30
EFT49372	08/04/2022	UNIFIED INCENTIVES PTY LTD (GIFTPAY)	GIFT CARD	100.00
EFT49373	13/04/2022	BP AUSTRALIA PTY LTD	FUEL PURCHASES	2,954.28
EFT49374	13/04/2022	DEPARTMENT OF AGRICULTURE, WATER AND THE ENVIRONMENT	BIOSECURITY AUDIT FEE	2,500.00
EFT49375	13/04/2022	FUJIFILM BUSINESS INNOVATION AUSTRALIA PTY LTD	PHOTOCOPIER MAINTENANCE & SUPPLIES	75.93
EFT49376	13/04/2022	INDUSTRIAL RECRUITMENT PARTNERS	LABOUR HIRE	395.40
EFT49377	13/04/2022	LIFTRITE HIRE & SALES	PLANT HIRE	3,960.00
EFT49378	13/04/2022	MA SERVICES GROUP PTY LTD	SECURITY MONITORING COSTS	6,930.00
EFT49379	13/04/2022	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	2,922.19
EFT49380	13/04/2022	NATIONAL WORKFORCE	LABOUR HIRE	4,003.50
EFT49381	13/04/2022	PROTECTOR FIRE SERVICES	FIRE FIGHTING EQUIPMENT REPAIR AT HAZELMERE	731.50
EFT49382	13/04/2022	SUEZ RECYCLING & RECOVERY	FOGO BIN HIRE	69.14
EFT49383	13/04/2022	SYNERGY	ELECTRICITY CHARGES & BUYBACK SURPLUS AGREEMENT	6,239.12
EFT49384	13/04/2022	WESTRAC EQUIPMENT PTY LTD	PLANT SERVICE AGREEMENT & PLANT PARTS	4,408.36
EFT49385	20/04/2022	BP AUSTRALIA PTY LTD	FUEL PURCHASES	106,312.26
EFT49386	20/04/2022	DATA 3 PERTH	SOFTWARE LICENCE ANNUAL RENEWAL	1,351.90
EFT49387	20/04/2022	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER)	QUARTERLY LANDFILL LEVY *** EFT CANCELLED ***	2,942,862.33
EFT49388	20/04/2022	HEIN VON BENECKE	STAFF REIMBURSEMENT *** EFT CANCELLED ***	118.37
EFT49389	20/04/2022	INDUSTRIAL RECRUITMENT PARTNERS	LABOUR HIRE	3,330.67
EFT49390	20/04/2022	NATIONAL WORKFORCE	LABOUR HIRE	11,242.34
EFT49391	20/04/2022	PERTH BIN HIRE - IWM (PBH) PTY LTD T/A	SKIN BIN HIRE	900.00
EFT49392	20/04/2022	SHOP FOR SHOPS	HARDWARE SUPPLIES	216.00
EFT49393	20/04/2022	YEOMAN PTY LTD ATF THE RJ ROHRLACH FAMILY TRUST	REALLOCATION OF EQUIPMENT	858.00
EFT49394	20/04/2022	ABA AUTOMATIC GATES WA	REPLACE REMOTE FOR GATE & SERVICE BOOM GATE	1,187.00
EFT49395	20/04/2022	CHILD SUPPORT	EMPLOYEE DEDUCTION	352.70
EFT49396	20/04/2022	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT	184,238.00
EFT49397	20/04/2022	PAYG PAYMENTS	PAYG TAXATION PAYMENT	86,833.00
EFT49398	22/04/2022	CASTROL AUSTRALIA PTY LTD	OIL PURCHASES	473.00
EFT49399	22/04/2022	CIVIL AUTO ELECTRICS PTY LTD	PLANT REPAIRS	702.90
EFT49400	22/04/2022	FLEXI STAFF PTY LTD	LABOUR HIRE	5,978.39

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EFT49401	22/04/2022	FRESH VENTURE GROUP PTY LTD T/AS FRUIT AT WORK STAFF AMENITIES	44.00
EFT49402	22/04/2022	HERBERT SMITH FREEHILLS LAWYERS LEGAL ADVICE	12,748.78
EFT49403	27/04/2022	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION QUARTERLY LANDFILL LEVY & CONTROL WASTE TRACKING (DWER)	2,943,214.33
EFT49404	27/04/2022	CASEY MURPHY STAFF REIMBURSEMENT	318.00
EFT49405	27/04/2022	HEIN VON BENECKE STAFF REIMBURSEMENT	117.37
EFT49406	27/04/2022	TELSTRA CORPORATION LTD TELEPHONE CHARGES	17.81
EFT49407	29/04/2022	ARDEA ENVIRONMENTAL GDA SUPPORT	4,000.00
EFT49408	29/04/2022	AUSCO MODULAR PTY LTD PLANT HIRE - HAZELMERE	5,850.77
EFT49409	29/04/2022	BAYSWATER AUTO DETAILERS FLEET VEHICLE CLEANING	330.00
EFT49410	29/04/2022	BISTEL CONSTRUCTION PTY LTD CONSTRUCTION COSTS - HRRP WASTE TRANSFER STATION & RED HILL WORKSHOP	1,225,850.40
EFT49411	29/04/2022	DATA 3 PERTH SOFTWARE LICENCE ANNUAL RENEWAL	1,054.50
EFT49412	29/04/2022	DENIS FISHER STAFF REIMBURSEMENT	779.00
EFT49413	29/04/2022	HARTAC SALES & DISTRIBUTION PTY LTD EQUIPMENT PURCHASE - WWtE	2,490.02
EFT49414	29/04/2022	HUA JER LIEW STAFF REIMBURSEMENT	2,087.49
EFT49415	29/04/2022	KLB SYSTEMS COMPUTER HARDWARE & ACCESSORY PURCHASES	247.50
EFT49416	29/04/2022	LABOURFORCE IMPEX PERSONNEL P/L LABOUR HIRE	1,895.81
EFT49417	29/04/2022	NANI CREATIVE - K.T. WILSON & L.P. WOOD T/AS GRAPHIC ELEMENT - GREENPAGE NEWSLETTER	1,559.80
EFT49418	29/04/2022	NATIONAL WORKFORCE LABOUR HIRE	4,092.15
EFT49419	29/04/2022	PR POWER PTY LTD PLANT REPAIR	3,394.13
EFT49420	29/04/2022	SMEC AUSTRALIA PTY LTD CONSULTING FEE - CONSTRUCTION OF STAGE 16 AT RED HILL	34,734.71
EFT49421	29/04/2022	TANGIBILITY PTY LTD MARKETING MATERIALS - FOGO	2,074.16
220648	11/03/2022	EMRC PETTY CASH - BELMONT PETTY CASH RECOUP	386.85
220649	11/03/2022	EMRC PETTY CASH - HAZELMERE PETTY CASH RECOUP	131.40
220650	11/03/2022	EMRC PETTY CASH - MATHIESON ROAD PETTY CASH RECOUP	39.75
220651	11/03/2022	EMRC PETTY CASH - RED HILL PETTY CASH RECOUP	363.85
220652	06/04/2022	EMRC PETTY CASH - BELMONT PETTY CASH RECOUP	144.55
220653	06/04/2022	EMRC PETTY CASH - COPPIN ROAD PETTY CASH RECOUP	174.80
220654	06/04/2022	EMRC PETTY CASH - HAZELMERE PETTY CASH RECOUP	33.90
220655	06/04/2022	EMRC PETTY CASH - MATHIESON ROAD PETTY CASH RECOUP	37.80
220656	06/04/2022	EMRC PETTY CASH - RED HILL PETTY CASH RECOUP	133.20
220657	06/04/2022	JANELLE SEWELL COUNCILLORS ATTENDANCE FEE	238.00
220658	06/04/2022	WATER CORPORATION WATER RATES & USAGE - ASCOT PLACE & HAZELMERE	953.88
PAY 2022-18	02/03/2022	PAYROLL FE 27/2/22 NET PAYROLL	243,973.95
PAY 2022-19	16/03/2022	PAYROLL FE 13/3/22 NET PAYROLL	253,483.28
PAY 2022-20	30/03/2022	PAYROLL FE 27/3/22 NET PAYROLL	251,102.82
PAY 2022-21	13/04/2022	PAYROLL FE 10/4/22 NET PAYROLL	255,524.67
PAY 2022-22	27/04/2022	PAYROLL FE 24/4/22 NET PAYROLL	247,103.63
1*MAR22	01/03/2022	BANK CHARGES (1972 - 1976) BANK FEES AND CHARGES	1,889.95
1*APR22	01/04/2022	BANK CHARGES (1976 - 1980) BANK FEES AND CHARGES	2,275.10
DD23690.1	01/03/2022	AWARE SUPER PTY LTD (FORMALLY FIRST STATE SUPER) SUPERANNUATION	29639.57
DD23690.2	01/03/2022	MARANI SUPER FUND SUPERANNUATION	1,098.80

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DD23690.3	01/03/2022	HUB24 SUPER FUND	SUPERANNUATION	232.02
DD23690.4	01/03/2022	MY NORTH SUPER (THE TRUSTEE FOR WEALTH PERSONAL SUPERANNUATION & PENSION FUND)	SUPERANNUATION	1,749.81
DD23690.5	01/03/2022	PLUM SUPERANNUATION FUND (MLC)	SUPERANNUATION	1,385.91
DD23690.6	01/03/2022	CBUS INDUSTRY SUPER	SUPERANNUATION	1,127.32
DD23690.7	01/03/2022	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	321.49
DD23690.8	01/03/2022	MLC SUPER FUND	SUPERANNUATION	487.00
DD23690.9	01/03/2022	BT SUPER FOR LIFE	SUPERANNUATION	812.98
DD23690.10	01/03/2022	TELSTRA SUPERANNUATION SCHEME	SUPERANNUATION	257.83
DD23690.11	01/03/2022	COMMONWEALTH ESSENTIAL SUPER	SUPERANNUATION	284.91
DD23690.12	01/03/2022	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	940.90
DD23690.13	01/03/2022	IOOF EMPLOYER SUPER	SUPERANNUATION	254.15
DD23690.14	01/03/2022	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	223.26
DD23690.15	01/03/2022	MARITIME SUPER	SUPERANNUATION	226.30
DD23690.16	01/03/2022	LEGALSUPER	SUPERANNUATION	435.77
DD23690.17	01/03/2022	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	4,176.90
DD23690.18	01/03/2022	AUSTRALIAN SUPER	SUPERANNUATION	6,373.22
DD23690.19	01/03/2022	RETAIL EMPLOYEES SUPERANNUATION TRUST (REST SUPER)	SUPERANNUATION	2,059.55
DD23690.20	01/03/2022	SUNSUPER	SUPERANNUATION	269.23
DD23690.21	01/03/2022	ZURICH MASTER SUPERANNUATION FUND	SUPERANNUATION	324.81
DD23690.22	01/03/2022	ONEPATH MASTERFUND (ANZ)	SUPERANNUATION	221.34
DD23691.1	13/03/2022	AWARE SUPER PTY LTD (FORMALLY FIRST STATE SUPER)	SUPERANNUATION	34,681.06
DD23691.2	13/03/2022	MARANI SUPER FUND	SUPERANNUATION	1,098.80
DD23691.3	13/03/2022	HUB24 SUPER FUND	SUPERANNUATION	234.75
DD23691.4	13/03/2022	MY NORTH SUPER (THE TRUSTEE FOR WEALTH PERSONAL SUPERANNUATION & PENSION FUND)	SUPERANNUATION	1,742.92
DD23691.5	13/03/2022	PLUM SUPERANNUATION FUND (MLC)	SUPERANNUATION	1,454.30
DD23691.6	13/03/2022	CBUS INDUSTRY SUPER	SUPERANNUATION	1,138.81
DD23691.7	13/03/2022	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	321.49
DD23691.8	13/03/2022	MLC SUPER FUND	SUPERANNUATION	487.00
DD23691.9	13/03/2022	IOOF EMPLOYER SUPER	SUPERANNUATION	371.42
DD23691.10	13/03/2022	BT SUPER FOR LIFE	SUPERANNUATION	854.14
DD23691.11	13/03/2022	TELSTRA SUPERANNUATION SCHEME	SUPERANNUATION	293.11
DD23691.12	13/03/2022	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	939.61
DD23691.13	13/03/2022	COMMONWEALTH ESSENTIAL SUPER	SUPERANNUATION	285.00
DD23691.14	13/03/2022	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	179.65
DD23691.15	13/03/2022	MARITIME SUPER	SUPERANNUATION	111.88
DD23691.16	13/03/2022	PRIME SUPER	SUPERANNUATION	235.82
DD23691.17	13/03/2022	LEGALSUPER	SUPERANNUATION	435.77
DD23691.18	13/03/2022	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	4,234.31
DD23691.19	13/03/2022	AUSTRALIAN SUPER	SUPERANNUATION	7,172.90
DD23691.20	13/03/2022	RETAIL EMPLOYEES SUPERANNUATION TRUST (REST SUPER)	SUPERANNUATION	2,170.77
DD23691.21	13/03/2022	SUNSUPER	SUPERANNUATION	433.53

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DD23691.22	13/03/2022	ZURICH MASTER SUPERANNUATION FUND	SUPERANNUATION	324.81
DD23691.23	13/03/2022	ONEPATH MASTERFUND (ANZ)	SUPERANNUATION	143.33
DD23692.1	27/03/2022	AWARE SUPER PTY LTD (FORMALLY FIRST STATE SUPER)	SUPERANNUATION	28,981.33
DD23692.2	27/03/2022	MARANI SUPER FUND	SUPERANNUATION	1,098.80
DD23692.3	27/03/2022	HUB24 SUPER FUND	SUPERANNUATION	227.22
DD23692.4	27/03/2022	MY NORTH SUPER (THE TRUSTEE FOR WEALTH PERSONAL SUPERANNUATION & PENSION FUND)	SUPERANNUATION	1,744.97
DD23692.5	27/03/2022	PLUM SUPERANNUATION FUND (MLC)	SUPERANNUATION	1,387.93
DD23692.6	27/03/2022	CBUS INDUSTRY SUPER	SUPERANNUATION	1,017.66
DD23692.7	27/03/2022	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	321.49
DD23692.8	27/03/2022	MLC SUPER FUND	SUPERANNUATION	487.00
DD23692.9	27/03/2022	IOOF EMPLOYER SUPER	SUPERANNUATION	370.06
DD23692.10	27/03/2022	BT SUPER FOR LIFE	SUPERANNUATION	812.68
DD23692.11	27/03/2022	TELSTRA SUPERANNUATION SCHEME	SUPERANNUATION	254.94
DD23692.12	27/03/2022	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	939.61
DD23692.13	27/03/2022	COMMONWEALTH ESSENTIAL SUPER	SUPERANNUATION	285.14
DD23692.14	27/03/2022	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	201.83
DD23692.15	27/03/2022	PRIME SUPER	SUPERANNUATION	235.71
DD23692.16	27/03/2022	LEGALSUPER	SUPERANNUATION	443.40
DD23692.17	27/03/2022	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	4,222.83
DD23692.18	27/03/2022	AUSTRALIAN SUPER	SUPERANNUATION	7,028.78
DD23692.19	27/03/2022	RETAIL EMPLOYEES SUPERANNUATION TRUST (REST SUPER)	SUPERANNUATION	2,197.37
DD23692.20	27/03/2022	SUNSUPER	SUPERANNUATION	269.23
DD23692.21	27/03/2022	ZURICH MASTER SUPERANNUATION FUND	SUPERANNUATION	324.81
DD23692.22	27/03/2022	ONEPATH MASTERFUND (ANZ)	SUPERANNUATION	136.74
DD23861.1	10/04/2022	AWARE SUPER PTY LTD (FORMALLY FIRST STATE SUPER)	SUPERANNUATION	25,840.89
DD23861.2	10/04/2022	MARANI SUPER FUND	SUPERANNUATION	1,098.80
DD23861.3	10/04/2022	HUB24 SUPER FUND	SUPERANNUATION	227.22
DD23861.4	10/04/2022	MY NORTH SUPER (THE TRUSTEE FOR WEALTH PERSONAL SUPERANNUATION & PENSION FUND)	SUPERANNUATION	1,745.00
DD23861.5	10/04/2022	PLUM SUPERANNUATION FUND (MLC)	SUPERANNUATION	1,387.93
DD23861.6	10/04/2022	CBUS INDUSTRY SUPER	SUPERANNUATION	934.62
DD23861.7	10/04/2022	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	321.49
DD23861.8	10/04/2022	MLC SUPER FUND	SUPERANNUATION	487.00
DD23861.9	10/04/2022	IOOF EMPLOYER SUPER	SUPERANNUATION	368.76
DD23861.10	10/04/2022	BT SUPER FOR LIFE	SUPERANNUATION	812.92
DD23861.11	10/04/2022	TELSTRA SUPERANNUATION SCHEME	SUPERANNUATION	269.29
DD23861.12	10/04/2022	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	939.61
DD23861.13	10/04/2022	COMMONWEALTH ESSENTIAL SUPER	SUPERANNUATION	283.99
DD23861.14	10/04/2022	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	162.13
DD23861.15	10/04/2022	PRIME SUPER	SUPERANNUATION	238.62
DD23861.16	10/04/2022	LEGALSUPER	SUPERANNUATION	435.77
DD23861.17	10/04/2022	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	3,768.65

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DD23861.18	10/04/2022	AUSTRALIAN SUPER	SUPERANNUATION	7,389.38
DD23861.19	10/04/2022	RETAIL EMPLOYEES SUPERANNUATION TRUST (REST SUPER)	SUPERANNUATION	2,017.80
DD23861.20	10/04/2022	SUNSUPER	SUPERANNUATION	273.94
DD23861.21	10/04/2022	ZURICH MASTER SUPERANNUATION FUND	SUPERANNUATION	324.81
DD23861.22	10/04/2022	ONEPATH MASTERFUND (ANZ)	SUPERANNUATION	136.79
DD23862.1	24/04/2022	AWARE SUPER PTY LTD (FORMALLY FIRST STATE SUPER)	SUPERANNUATION	25,832.95
DD23862.2	24/04/2022	MARANI SUPER FUND	SUPERANNUATION	1,098.80
DD23862.3	24/04/2022	HUB24 SUPER FUND	SUPERANNUATION	228.11
DD23862.4	24/04/2022	MY NORTH SUPER (THE TRUSTEE FOR WEALTH PERSONAL SUPERANNUATION & PENSION FUND)	SUPERANNUATION	1,804.06
DD23862.5	24/04/2022	PLUM SUPERANNUATION FUND (MLC)	SUPERANNUATION	1,503.13
DD23862.6	24/04/2022	CBUS INDUSTRY SUPER	SUPERANNUATION	924.58
DD23862.7	24/04/2022	AUSTRALIAN ETHICAL SUPER	SUPERANNUATION	321.49
DD23862.8	24/04/2022	MLC SUPER FUND	SUPERANNUATION	487.00
DD23862.9	24/04/2022	IOOF EMPLOYER SUPER	SUPERANNUATION	367.22
DD23862.10	24/04/2022	BT SUPER FOR LIFE	SUPERANNUATION	808.38
DD23862.11	24/04/2022	TELSTRA SUPERANNUATION SCHEME	SUPERANNUATION	264.50
DD23862.12	24/04/2022	AMP FLEXIBLE LIFETIME SUPER	SUPERANNUATION	958.24
DD23862.13	24/04/2022	COMMONWEALTH ESSENTIAL SUPER	SUPERANNUATION	284.23
DD23862.14	24/04/2022	COLONIAL FIRST STATE FIRSTCHOICE	SUPERANNUATION	214.88
DD23862.15	24/04/2022	PRIME SUPER	SUPERANNUATION	233.88
DD23862.16	24/04/2022	LEGALSUPER	SUPERANNUATION	435.77
DD23862.17	24/04/2022	HOSTPLUS SUPERANNUATION FUND	SUPERANNUATION	3,668.89
DD23862.18	24/04/2022	AUSTRALIAN SUPER	SUPERANNUATION	7,241.45
DD23862.19	24/04/2022	RETAIL EMPLOYEES SUPERANNUATION TRUST (REST SUPER)	SUPERANNUATION	2,009.61
DD23862.20	24/04/2022	SUNSUPER	SUPERANNUATION	269.23
DD23862.21	24/04/2022	ZURICH MASTER SUPERANNUATION FUND	SUPERANNUATION	324.81
DD23862.22	24/04/2022	ONEPATH MASTERFUND (ANZ)	SUPERANNUATION	181.89
2101	21/03/2022	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	8.25
2102	24/03/2022	SUNCORP BANK	TERM DEPOSIT INVESMTNET	3,000,000.00
2103	14/03/2022	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	CREDIT CARD PURCHASES	14,013.96
2104	15/03/2022	WBC - CORPORATE MASTERCARD - BRADLEY LACEY	CREDIT CARD PURCHASES	6.08
2105	15/03/2022	WBC - CORPORATE MASTERCARD - D AMEDURI	CREDIT CARD PURCHASES	326.89
2106	15/03/2022	WBC - CORPORATE MASTERCARD - DAVID SCHMIDT	CREDIT CARD PURCHASES	3,233.77
2107	15/03/2022	WBC - CORPORATE MASTERCARD - DOUGLAS BRUCE	CREDIT CARD PURCHASES	2,966.01
2108	15/03/2022	WBC - CORPORATE MASTERCARD - FRANK HUA HIM KUA	CREDIT CARD PURCHASES	71.50
2109	15/03/2022	WBC - CORPORATE MASTERCARD - HEIN VON BENECKE	CREDIT CARD PURCHASES	998.49
2110	15/03/2022	WBC - CORPORATE MASTERCARD - IZABELLA KRZYSKO	CREDIT CARD PURCHASES	22.00
2111	15/03/2022	WBC - CORPORATE MASTERCARD - JUAN-MARI DAVIES	CREDIT CARD PURCHASES	5.66
2112	15/03/2022	WBC - CORPORATE MASTERCARD - MARCUS GEISLER	CREDIT CARD PURCHASES	280.83
2113	15/03/2022	WBC - CORPORATE MASTERCARD - MARINDA ROUX	CREDIT CARD PURCHASES	5.66
2114	15/03/2022	WBC - CORPORATE MASTERCARD - S FITZPATRICK	CREDIT CARD PURCHASES	1,881.76

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2115	15/03/2022	WBC - CORPORATE MASTERCARD - T BEINHAEUER	CREDIT CARD PURCHASES	730.01
2116	15/03/2022	WBC - CORPORATE MASTERCARD - T ECKSTEIN	CREDIT CARD PURCHASES	519.13
2117	15/03/2022	WBC - CORPORATE MASTERCARD - W HARRIS	CREDIT CARD PURCHASES	686.99
2118	15/03/2022	WBC - CORPORATE MASTERCARD - Z WILLIAMSON	CREDIT CARD PURCHASES	959.09
2119	08/04/2022	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESMTNET	2,000,000.00
2120	20/04/2022	COMMONWEALTH BANK OF AUSTRALIA	TERM DEPOSIT INVESMTNET	2,000,000.00
2121	21/04/2022	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	30.80
2122	19/04/2022	WBC - CORPORATE MASTERCARD - BRADLEY LACEY	CREDIT CARD PURCHASES	835.26
2123	19/04/2022	WBC - CORPORATE MASTERCARD - D AMEDURI	CREDIT CARD PURCHASES	1,150.88
2124	19/04/2022	WBC - CORPORATE MASTERCARD - DAVID SCHMIDT	CREDIT CARD PURCHASES	2,313.68
2125	19/04/2022	WBC - CORPORATE MASTERCARD - DOUGLAS BRUCE	CREDIT CARD PURCHASES	951.10
2126	19/04/2022	WBC - CORPORATE MASTERCARD - FRANK HUA HIM KUA	CREDIT CARD PURCHASES	17.00
2127	19/04/2022	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	17.00
2128	19/04/2022	WBC - CORPORATE MASTERCARD - HEIN VON BENECKE	CREDIT CARD PURCHASES	1,126.87
2129	19/04/2022	WBC - CORPORATE MASTERCARD - IZABELLA KRZYSKO	CREDIT CARD PURCHASES	1,905.12
2130	19/04/2022	WBC - CORPORATE MASTERCARD - JUAN-MARI DAVIES	CREDIT CARD PURCHASES	69.49
2131	19/04/2022	WBC - CORPORATE MASTERCARD - MARCUS GEISLER	CREDIT CARD PURCHASES	38.70
2132	19/04/2022	WBC - CORPORATE MASTERCARD - MARINDA ROUX	CREDIT CARD PURCHASES	3,597.56
2133	19/04/2022	WBC - CORPORATE MASTERCARD - S FITZPATRICK	CREDIT CARD PURCHASES	17.00
2134	19/04/2022	WBC - CORPORATE MASTERCARD - T BEINHAEUER	CREDIT CARD PURCHASES	704.47
2135	19/04/2022	WBC - CORPORATE MASTERCARD - T ECKSTEIN	CREDIT CARD PURCHASES	3,510.37
2136	19/04/2022	WBC - CORPORATE MASTERCARD - W HARRIS	CREDIT CARD PURCHASES	601.55
2137	19/04/2022	WBC - CORPORATE MASTERCARD - Z WILLIAMSON	CREDIT CARD PURCHASES	17.00
SUB TOTAL				19,197,365.78
LESS CANCELLED EFTs & CHEQUES				
EFT49387	20/04/2022	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER)	QUARTERLY LANDFILL LEVY & CONTROL WASTE TRACKING	-2,942,862.33
EFT49388	20/04/2022	HEIN VON BENECKE	STAFF REIMBURSEMENT	-118.37
SUB TOTAL				-2,942,980.70
TOTAL				16,254,385.08

All Employee Superannuation obligations for the period March to April 2022 have been paid by the EMRC.

14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 MARCH 2022

D2022/07010

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 March 2022.

KEY POINTS

- 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 Comprehensive Income as at 31 March 2022 have been identified and are reported on in the body of the report.

RECOMMENDATIONS

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 2022.

SOURCE OF REPORT

Chief Financial Officer

BACKGROUND

- 1 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.
- 2 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

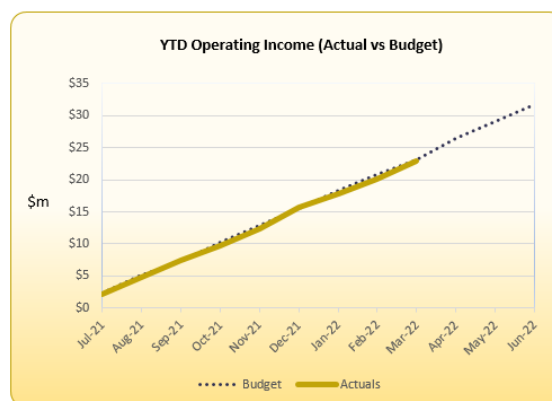
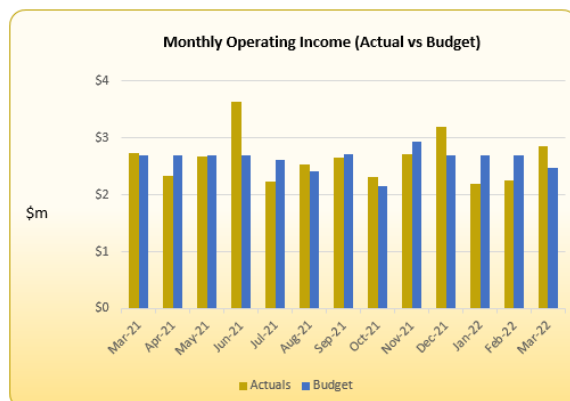
- 3 Outlined below are financial statements for the period ended 31 March 2022. Where possible the year to date monthly budget allocations will be reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. This will provide a better comparison between the year to date actual and year to date budget figures.

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

- 4 The net operating result as at 31 March 2022 is a favourable variance of \$1,678,047 (58.27%) against budget. The following information is provided on key aspects of Council's year to date financial performance:

5

Operating Income	Actuals for the Year	An unfavourable variance of \$187,643 (0.81%)
	End of Year Forecasts	A favourable variance of \$1,736,464 (5.47%)



Operating Income Variances previously reported to Council

- 6 The full year forecast for Contributions is below the annual budget by \$72,339 (30.21%). The variance relates to lower than budgeted contributions to Sustainability projects from the City of Swan (\$22k - ERCMP & Regional Spatial Mapping), Shire of Mundaring (\$19k - ERCMP & Regional Spatial Mapping) & Other Organisations (\$31k - Regional Spatial Mapping & Environmental Sustainability & Net Zero programs).
- 7 Year to date Operating Grants of \$193,000 is above the budget by \$20,000 (11.56%). The variance is due to a successful grant for \$20,000 relating to the Circular Economy in the Community project that was received and not previously budgeted for.
- 8 The full year forecast for Operating Grants is below the annual budget by \$195,000 (48.99%). The variance is due to the following grants that were budgeted for but will not be received (associated costs relating specifically to these grants have not been incurred):
- ⇒ \$105,000 - Co-ordination of Community Led NRM Projects due to the Environmental Services Section no longer existing effective from July 2021;
 - ⇒ \$100,000 - Farm Dam Project; and
 - ⇒ \$20,000 - Regional Integrated Transport Strategy including Net Zero; and
- This is offset by the following successful grant not previously budgeted for that has been received:
- ⇒ \$20,000 - Circular Economy in the Community project.
- 9 Year to date Interest Restricted Cash Investments of \$243,383 is below the budget by \$86,620 (26.25%). The variance is due to the lower interest rates on investments being obtained and the low value of term deposit maturities to date.
- 10 The full year forecast for Interest on Municipal Fund Cash and Investment is \$360,106 (45.01%) below the budget of \$799,975. The variance is due to the lower interest rates on investments being obtained and the low value of term deposit maturities by year end.

- 11 The full year forecast for Other Income is below the annual budget by \$635,898 (22.36%). The variance is attributable to:

- ⇒ \$506,000 - Nil Electricity Sale as a result of the WWtE project not being commissioned in the 2021/2022 financial year;
- ⇒ \$66,109 - Lowered Sale of Products Income; and
- ⇒ \$100,000 - Lower Royalty Income as a result of the low level of return on the sale of the EMRC LGC's. The sale of the LGC's is undertaken by EDL who operate the Landfill Gas operation at the Red Hill Waste Management Facility. The rate for the LGC's fluctuates based on market conditions. The recent sale in February 2022 achieved a sale price of \$24 compared to \$84 that was achieved in 2018.

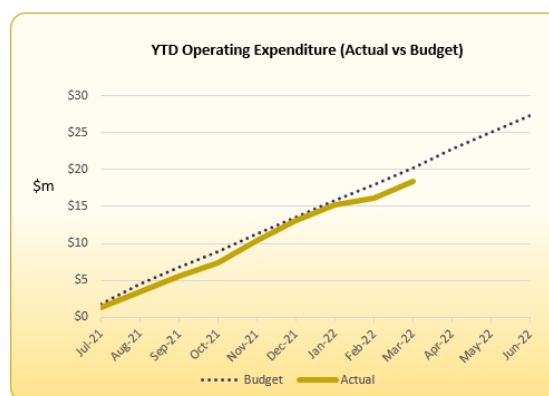
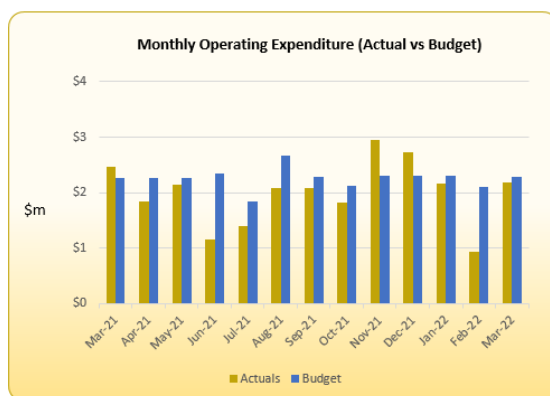
- 12 This is off-set by a forecast increase in Rebate Income - Other of \$33,000. This relates to a forecast increase in the diesel fuel rebate due to the increased usage of diesel fuel expected by the year end.

Operating Income Variances not previously reported to Council

- 13 The full year forecast for User Charges is above the annual budget by \$3,456,651 (10.30%). The variance is attributable to additional tonnages forecasts to be received by year end (239,679 tonnes compared to a budget of 222,770 tonnes).

- 14 There were no further significant Operating Income variances as at 31 March 2022.

15	Operating Expenditure	Actuals for the Year	An underspend variance of \$1,865,690 (9.23%)
		End of Year Forecasts	An underspend variance of \$1,336,621 (4.88%)



Operating Expenditure Variances previously reported to Council

- 16 Year to date Salary Expenses of \$7,110,042 is below the budget by \$844,750 (10.62%). This variance relates to budgeted positions yet to be filled together with unfilled vacant positions. This is partially offset by higher than budget contract labour expenses.
- 17 Year to date Contract Expenses of \$4,086,051 is below the budget by \$694,902 (14.53%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$112,475), Business Support (\$323,825), Sustainability (\$202,413), Projects (\$151,362). This is off-set by expenditure greater than budget in the Operations business unit totalling \$95,173.

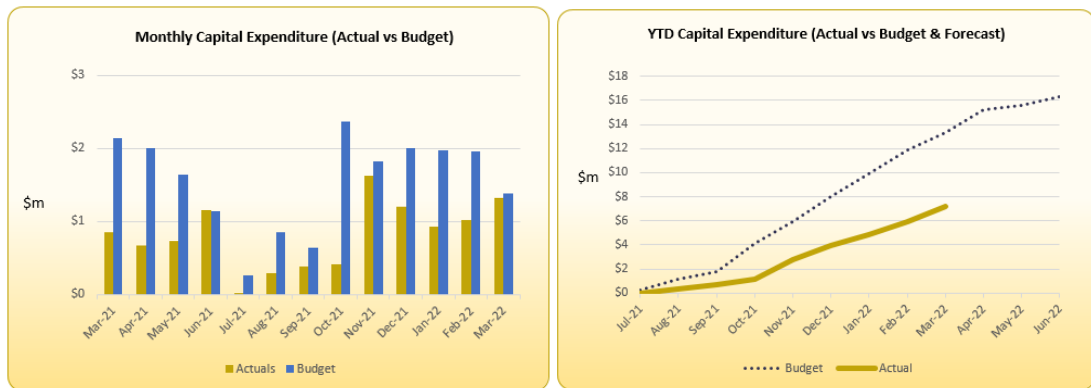
- 18 Year to date Material Expenses of \$736,259 is below the budget by \$265,798 (26.53%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$33,848), Business Support (\$38,892), Sustainability (\$68,508), Projects (\$33,271) and Operations (\$91,279).
- 19 Year to date Fuel Expenses of \$637,544 is above the budget by 79,883 (14.32%). The variance is attributable to the higher purchase price of diesel fuel compared to budget together with the higher level of tonnages forecast to be received as at year end compared to budget. The full year forecast for Fuel Expenses is \$115,083 above the budget of \$720,135 (15.98%).
- 20 Year to date Miscellaneous Expenses of \$634,045 is below the budget by \$303,629 (32.38%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$69,045), Business Support (\$35,743), Sustainability (\$85,651), Projects (\$38,459) and Operations (\$74,731).
- 21 Following instructions from the OAG regarding the method of calculation of provisions, the full year forecast for Provision Expenses is \$1,468,811 (185.02%) above the budget of \$793,871. This variance relates to a higher than budgeted rate per tonne for the Post Closure Site Rehabilitation provision and the Environmental Monitoring provision that was recalculated following the completion of the 2020/2021 Annual Financial Report. The 12-month CPI rate and discount factor rates as at 30 June each year are used to calculate the provisions. As the rates can vary significantly from year to year, the budgeting for these provisions is based on an average of the 3 previous years rates with the actual value being calculated as at year end. Although this has an impact on the Net Result in the Statement of Comprehensive Income, these non-cash additional provisions do not affect the cash flow.
- 22 Year to date Cost Allocations of \$118,655 is above the budget by \$48,916 (70.16%). This variance relates to internal costs allocated to various projects and specifically capital expenditure projects that have been budgeted to utilise the EMRC's plant and labour. Year to date Cost Allocations of \$98,952 is below the budget by \$188,295 (210.76%).
- 23 The full year forecast for Carrying Amount of Assets Disposed Of is \$56,006 (19.71%) above the budget of \$284,165. This relates to the Written Down Value of Plant and Vehicles that have achieved their change over period and have been sold.
- 24 There were no further significant Operating Expenditure variances as at 31 March 2022.

Other Comprehensive Income	Actuals for the Year	Nil
	End of Year Forecasts	Nil

- 25 There were no significant Other Comprehensive Income variances as at 31 March 2022.

Capital Expenditure Statement (refer Attachment 2)

Capital Expenditure	Actuals for the Year	An underspent variance of \$6,060,388
	End of Year Forecasts	Additional expenditure of \$550,017 compared to budget.



Capital Expenditure Variances

- 26 An underspent variance of \$6,060,388 existed as at 31 March 2022 when compared to the year to date budget of \$13,291,066. Various factors have impacted on the capital expenditure on projects during the early part of the financial year, particularly as a result of inclement weather. October 2021 represented the highest rainfall for October since weather records began. As a result, it has impacted on the EMRC's project works at Red Hill Waste Management Facility (RHWMF).
- 27 Work at RHWMF and other site works are now progressing well.
- 28 It is anticipated that there will be a significant uplift in project activity by the end of the financial year as project works continue unhindered by the weather, bringing capital expenditure back in line with budgeted timing.
- 29 Capital expenditure of \$7,230,678 has been undertaken to 31 March 2022 with the major capital expenditure being on the following:
- Construct Commercial Transfer Station - HRRP - \$3,551,845;
 - Construct Class III Cell, Stage 16 - RHWMF - \$568,645;
 - Construct WWtE Building (Pre-Commissioning Costs) - HRRP - \$405,070;
 - Purchase/Replace Plant - HRRP - \$345,019;
 - Purchase/Replace Minor Plant & Equipment - RHWMF - \$257,976;
 - Construct Concrete Pad East of C & I Building - HRRP - \$255,228;
 - Construct Workshop No 3 – RHWMF - \$228,367;
 - Gas Extraction System Wells - RHWMF - \$216,414
 - Purchase/Replace Vehicles - \$189,230;
 - WWtE Project - HRRP - \$175,161;
 - Purchase/Replace Plant - RHWMF - \$155,539; and
 - Extension of Concrete Pad with Workshop Area - HRRP - \$121,653.

- 30 The forecast capital expenditure of \$16,883,021 is \$550,017 above the budget of \$16,333,004.
- 31 Significant reductions to capital budgets where savings have been achieved, or where project expenditure has been deferred due to delays and/or carried forward or not required include the following:
- ⇒ Air Pollution Control Residue Facility (APCR) - RHLF - \$719,215 (c/fwd);
 - ⇒ Purchase / Replace Plant - RHLF - \$544,461;
 - ⇒ Capital Improvements Administration Building - Ascot Place - \$458,000 (c/fwd)
 - ⇒ Liquid Waste Project - RHLF - \$350,000 (c/fwd);
 - ⇒ Sewer Line from Lakes Road to Mary St - HRRF - \$294,405 (c/fwd);
 - ⇒ Construct Class III Cell Stage 17 - RHLF - \$200,000 (c/fwd);
 - ⇒ Extension of Sewer Line from WWtE to Sewer Sump 7 Existing ATU - HRRF - \$199,052 (c/fwd);
 - ⇒ Install Power to Lots 8, 9 and 10 - RHLF - \$150,000 (c/fwd);
 - ⇒ Implementation of the FOGO Recovery Strategy - RHLF - \$113,577 (c/fwd);
 - ⇒ Construct WWtE Building - HRRP - \$109,000 (c/fwd);
 - ⇒ Refurbish Plant - RHLF - \$100,000;
 - ⇒ Upgrade Power to Workshop No 2 - RHLF - \$100,000 (c/fwd);
 - ⇒ Noise Barrier for Hammer Mill - HRRP - \$99,900 (c/fwd);
 - ⇒ Construct Community Recycling Centre (CRC) - HRRP - \$89,906 (c/fwd);
 - ⇒ Construct Monitoring Bores - HRRP - \$70,000 (c/fwd);
 - ⇒ Purchase Vehicles - Ascot Place - \$69,000;
 - ⇒ Construct Access Road to Lots 8, 9 & 10 - RHLF - \$68,626 (c/fwd);
 - ⇒ Undertake FOGO Reference Site Tours - \$62,000 (c/fwd); and
 - ⇒ Digital Sign - HRRP - \$50,000 (c/fwd).
- 32 This is offset by an increase in the following Capital Expenditure budget provision following a review of the capital expenditure program:
- ⇒ Construct Commercial Transfer Station (HRRP) - \$2,900,249;
- This was subject to a report submitted to Council and approved by Council at its meeting held on 26 August 2021 (Ref: D2021/12261) for an additional sum of \$4,041,126 (\$3,500,000 was forecast in the 2022/2023 financial year and was bought forward to 2021/2022). Due to the timing of works \$1,140,877 of the approved amount is to be carried forward into the 2022/2023 financial year.

⇒ Construct Class III Stage 16 Landfill Cell - RHLF - \$600,222;

The construction of the Class III Stage 16 Cell was expected to be completed by 30 June 2021 at a forecast cost of \$3,171,717. As a result, no carried forward provision was made in the 2021/2022 Annual Budget. However, due to the cell liner which was found to be out of specification and had to be replaced at the contractor's expense, as well as inclement weather, the construction of the cell was not completed by the end of June 2021. The actual expenditure as at 30 June 2021 totalled \$1,923,859 being \$1,247,858 below the expected forecast value of \$3,171,717. The Class III Stage 16 Cell has now been completed.

⇒ Construct Site Workshop (HRRP) - \$563,983;

This was subject to a report submitted to Council and approved by Council at its meeting held on 25 November 2021 (Ref: D2021/23177) for an additional sum of \$846,384 to accommodate a higher than budgeted tender submission. Due to the timing of works \$282,401 of the approved amount is to be carried forward into the 2022/2023 financial year.

⇒ Wood Waste to Energy Building Project (Pre-Commissioning Cost) - HRRP - \$204,108;

This expenditure relates to the additional capitalisation of WWtE pre-commissioning operating costs. It was expected that the WWtE project would be commissioned by April 2022, however due to delays it is now not expected to be commissioned during 2021/2022. The operating costs for the April - June 2022 period have therefore been transferred from the operating budget to the capital budget as on-going pre-commissioning expenses.

⇒ Construct FOGO Processing Area - RHLF - \$108,460;

This was subject to a report submitted to Council and approved by Council at its meeting held on 26 August 2021 (Ref: D2021/15757).

Statement of Financial Position (refer Attachment 3)

- 33 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.
- 34 Total Equity as at 31 March 2022 totals \$169,718,225. This is a decrease of \$16,034,753 from the 30 June 2021 equity of \$185,752,978. This is as a result of a provision estimate of \$20,592,681 being brought to account for the City of Belmont equity entitlement payment due in July 2023.
- 35 It has been forecast that Total Equity as at 30 June 2022 will be below the original budget of \$189,263,414 by \$11,585,295 for the reason as outlined above.

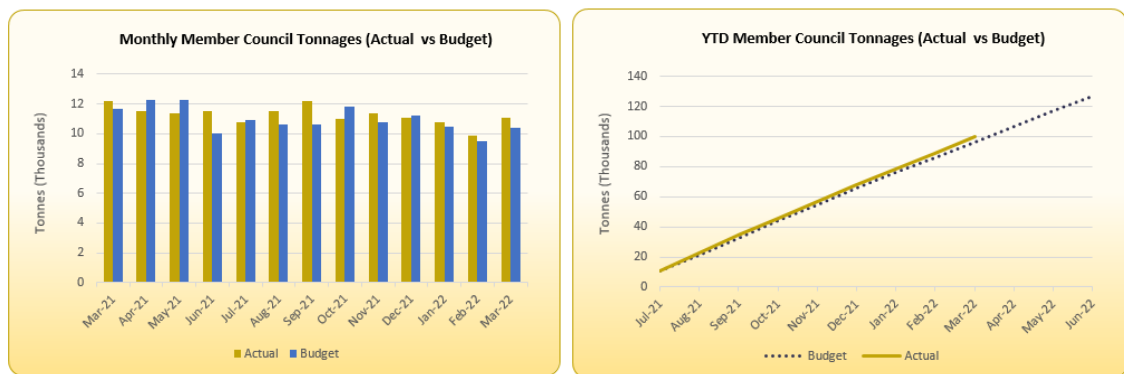
Statement of Cash and Investments (refer Attachment 4)

- 36 The level of cash and investments in the Municipal Fund as at 31 March 2022 is \$35,684,123 and Restricted Cash amount to \$45,543,921. This is inclusive of the movement of \$20,592,681 from the Secondary Waste Reserve to the Municipal Fund to cover the estimated provision for the City of Belmont equity entitlement payment due in July 2023.
- 37 The net movement for the month is an increase of \$1,508,084.
- 38 It has been currently forecast that Total Cash and Investments as at 30 June 2022 will be above the original budget of \$69,885,715 by \$10,172,416.

Investment Report (refer Attachment 5)

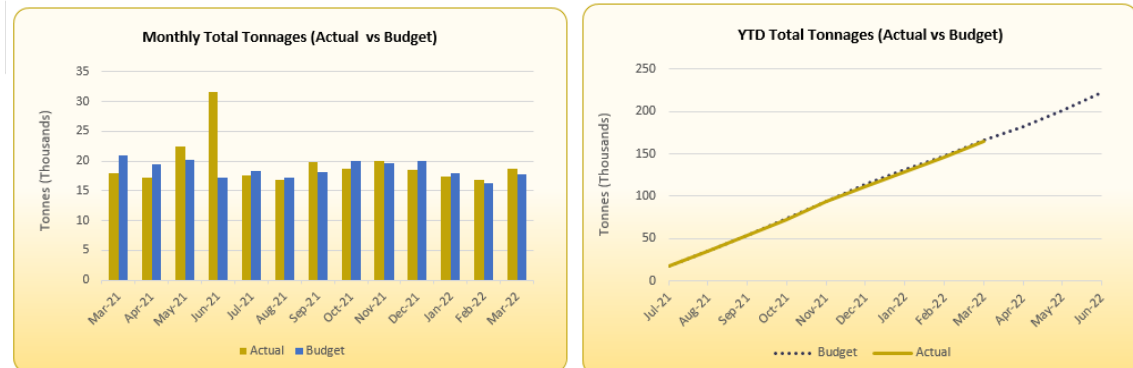
- 39 Term deposits valued at \$2,000,000 matured during March 2022. These funds together with an additional \$1,000,000 was reinvested into further term deposits.

Tonnages – Member Councils



- 40 YTD tonnages received from member Councils total 99,634 tonnes compared to the budget of 96,337 tonnes. As at the same period in 2020/2021 tonnages from member Councils totalled 107,830 tonnes (which included City of Belmont tonnages of 12,817).

Tonnages – Total Tonnages



- 41 YTD total tonnages received from all sources total 164,585 tonnes compared to the budget of 165,795 tonnes. As at the same period in 2020/2021 tonnages received from all sources totalled 162,865 tonnes (which included City of Belmont tonnages of 12,817).

STRATEGIC/POLICY IMPLICATIONS

- 42 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

- 43 As outlined within the report and attachments.

SUSTAINABILITY IMPLICATIONS

44 Nil

RISK MANAGEMENT

Risk – Non-Compliance with Financial Regulations		
Consequence	Likelihood	Rating
Moderate	Unlikely	Moderate
Action/Strategy		
<ul style="list-style-type: none"> ➤ The financial report is scrutinised by the EMRC Council to ensure that all statutory requirements are met. ➤ Internal Audit reviews to ensure compliance with Financial Regulations. ➤ External Audit confirms compliance. 		

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	As outlined in the report.
City of Bayswater	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (D2022/07301)
2. Capital Expenditure Statement (D2022/07302)
3. Statement of Financial Position (D2022/07303)
4. Statement of Cash and Investments (D2022/07304)
5. Investment Report (D2022/07309)

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 March 2022.

COUNCIL RESOLUTION(S)

MOVED

SECONDED



STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

MARCH 2022

Year to Date				MARCH 2022		Full Year			
Actual	Budget	Variance	Forecast			Budget	Variance		
Operating Income									
\$24,832,523	\$25,412,310	(\$579,787)	(U)	User Charges	\$37,022,847	\$33,566,196	\$3,456,651	(F)	
(\$9,233,062)	(\$9,614,592)	\$381,530	(F)	<u>Less</u> Landfill Levy Charges	(\$13,755,003)	(\$12,819,464)	(\$935,539)	(U)	
\$15,599,461	\$15,797,718	(\$198,257)	(U)	Net User Charges	\$23,267,844	\$20,746,732	\$2,521,112	(F)	
\$434,903	\$427,268	\$7,635	(F)	Special Charges	\$605,925	\$556,739	\$49,186	(F)	
\$3,232,272	\$3,163,070	\$69,202	(F)	Secondary Waste Charge	\$4,493,804	\$4,121,290	\$372,514	(F)	
\$165,117	\$174,234	(\$9,117)	(U)	Contributions	\$167,121	\$239,460	(\$72,339)	(U)	
\$193,000	\$173,000	\$20,000	(F)	Operating Grants	\$203,000	\$398,000	(\$195,000)	(U)	
\$107,619	\$98,991	\$8,628	(F)	Interest Municipal Cash Investments	\$137,029	\$132,000	\$5,029	(F)	
\$243,383	\$330,003	(\$86,620)	(U)	Interest Restricted Cash Investments	\$439,869	\$799,975	(\$360,106)	(U)	
\$1,173,932	\$1,142,578	\$31,354	(F)	Reimbursements	\$1,610,688	\$1,536,722	\$73,966	(F)	
\$1,454,061	\$1,505,100	(\$51,039)	(U)	Other	\$2,208,380	\$2,844,278	(\$635,898)	(U)	
\$311,318	\$290,747	\$20,571	(F)	Proceeds from Sale of Assets	\$329,000	\$351,000	(\$22,000)	(U)	
\$22,915,066	\$23,102,709	(\$187,643)	(U)	Total Operating Income	\$33,462,660	\$31,726,196	\$1,736,464	(F)	
Operating Expenditure									
\$7,110,042	\$7,954,792	\$844,750	(F)	Salary Expenses	\$10,064,688	\$11,174,794	\$1,110,106	(F)	
\$4,086,051	\$4,780,953	\$694,902	(F)	Contract Expenses	\$6,947,567	\$6,429,257	(\$518,310)	(U)	
\$736,259	\$1,002,057	\$265,798	(F)	Material Expenses	\$1,343,145	\$1,347,539	\$4,394	(F)	
\$210,802	\$231,894	\$21,092	(F)	Utility Expenses	\$340,150	\$310,375	(\$29,775)	(U)	
\$637,544	\$557,661	(\$79,883)	(U)	Fuel Expenses	\$835,218	\$720,135	(\$115,083)	(U)	
\$231,420	\$232,320	\$900	(F)	Insurance Expenses	\$309,404	\$310,604	\$1,200	(F)	
\$3,761,377	\$3,610,147	(\$151,230)	(U)	Depreciation Expenses	\$5,016,610	\$4,826,380	(\$190,230)	(U)	
\$634,045	\$937,674	\$303,629	(F)	Miscellaneous Expenses	\$1,147,558	\$1,261,747	\$114,189	(F)	
\$804,760	\$745,395	(\$59,365)	(U)	Provision Expenses	\$2,262,682	\$793,871	(\$1,468,811)	(U)	
(\$118,655)	(\$69,739)	\$48,916	(F)	Costs Allocated	\$98,952	(\$89,343)	(\$188,295)	(U)	
\$263,493	\$239,674	(\$23,819)	(U)	Carrying Amount of Assets Disposed Of	\$340,171	\$284,165	(\$56,006)	(U)	
\$18,357,138	\$20,222,828	\$1,865,690	(F)	Total Operating Expenditure	\$28,706,145	\$27,369,524	(\$1,336,621)	(U)	
\$4,557,928	\$2,879,881	\$1,678,047	(F)	NET RESULT BEFORE OTHER COMPREHENSIVE INCOME	\$4,756,515	\$4,356,672	\$399,843	(F)	
Surplus	Surplus				Surplus	Surplus			
Other Comprehensive Income									
\$0	\$0	\$0	(F)	Revaluation of Assets/Accumulated Depreciation Reversal	\$0	\$0	\$0	(F)	
\$0	\$0	\$0	(F)	Total Other Comprehensive Income	\$0	\$0	\$0	(F)	
\$4,557,928	\$2,879,881	\$1,678,047	(F)	CHANGE IN NET ASSETS FROM OPERATIONS	\$4,756,515	\$4,356,672	\$399,843	(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; and
5. Other Operating Income - includes income from the sale of products;

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

MARCH 2022

Page 1 of 7



CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Business Support							
\$189,230	\$195,855	\$6,625	\$0	Purchase Vehicles - Ascot Place (24440/00)	\$197,000	\$266,000	\$69,000
\$0	\$0	\$0	\$0	Purchase Furniture Fittings & Equipment - Corporate Services (24510/01)	\$10,000	\$10,000	\$0
\$90,193	\$129,000	\$38,807	\$0	Purchase Information Technology & Communication Equipment (24550/00)	\$190,000	\$129,000	(\$61,000)
(\$10,524)	\$0	\$10,524	\$0	Capital Improvement Administration Building - Ascot Place (25240/01)	\$0	\$458,000	\$458,000
\$0	\$0	\$0	\$0	Upgrade Security Equipment - Ascot Place (25530/01)	\$5,000	\$5,000	\$0
\$268,900	\$324,855	\$55,955	\$0		\$402,000	\$868,000	\$466,000

CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Operations Team							
\$10,857	\$100,000	\$89,143	\$0	Construct Waste Management Facility Buildings - Red Hill Landfill Facility (24250/01)	\$100,000	\$100,000	\$0
\$4,778	\$150,000	\$145,222	\$0	Construct Leachate and Stormwaste Infrastructure and Siltation Ponds - Red Hill Landfill Facility (24350/01)	\$154,731	\$200,000	\$45,269
\$0	\$75,000	\$75,000	\$0	Construct Drainage Diversion and Earthworks Infrastructures - Red Hill Landfill Facility (24380/00)	\$100,000	\$100,000	\$0
\$0	\$50,000	\$50,000	\$0	Air Supply lines - Waste Management Structures - Red Hill Landfill Facility (24399/10)	\$50,000	\$50,000	\$0
\$216,414	\$200,000	(\$16,414)	\$0	Gas Extraction System Wells - Red Hill Landfill Facility (24399/20)	\$216,414	\$200,000	(\$16,414)
\$155,539	\$800,000	\$644,461	\$210,604	Purchase / Replace Plant - Red Hill Landfill Facility (24410/00)	\$405,539	\$950,000	\$544,461
\$345,019	\$500,000	\$154,981	\$406,405	Purchase / Replace Plant - Hazelmere (24410/01)	\$678,098	\$650,000	(\$28,098)
\$257,976	\$215,000	(\$42,976)	\$0	Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility (24420/00)	\$296,882	\$275,000	(\$21,882)
\$40,342	\$80,000	\$39,658	\$36,200	Purchase / Replace Minor Plant and Equipment - Hazelmere (24420/02)	\$89,000	\$104,000	\$15,000
\$0	\$99,000	\$99,000	\$43,366	Purchase / Replace Vehicles - Red Hill Landfill Facility (24430/00)	\$132,000	\$132,000	\$0
\$0	\$2,500	\$2,500	\$0	Purchase Fire Fighting System/Equipment - Hazelmere (24520/07)	\$5,000	\$5,000	\$0
\$5,060	\$213,500	\$208,440	\$0	Purchase / Replace Security System - Red Hill Waste Management Facility (24530/08)	\$213,500	\$213,500	\$0

CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order	Full Year		
Actual	Budget	Variance		Forecast	Budget	Variance
Operations Team						
\$19,250	\$10,000	(\$9,250)	\$0	Purchase / Replace Security System - Hazelmere (24530/10)	\$19,250	\$10,000 (\$9,250)
\$0	\$30,000	\$30,000	\$0	Purchase Information Technology & Communication Equipment - Hazelmere (24550/03)	\$0	\$30,000 \$30,000
\$0	\$30,000	\$30,000	\$0	Purchase / Replace Other Equipment - Red Hill Landfill Facility (24590/00)	\$40,000	\$40,000 \$0
\$15,000	\$0	(\$15,000)	\$0	Purchase / Replace Miscellaneous Equipment - Hazelmere (24590/02)	\$15,000	\$0 (\$15,000)
\$59,850	\$70,000	\$10,150	\$0	Purchase Office Furniture and Fittings - Hazelmere Office (24610/10)	\$70,000	\$70,000 \$0
\$6,783	\$60,000	\$53,217	\$0	Purchase Furniture and Fittings - Hazelmere Workshop (24610/11)	\$60,000	\$60,000 \$0
\$0	\$300,000	\$300,000	\$180,000	Refurbish Plant - Red Hill Landfill Facility (25410/00)	\$200,000	\$300,000 \$100,000
\$1,136,867	\$2,985,000	\$1,848,133	\$876,576		\$2,845,414	\$3,489,500 \$644,086

CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Projects Team							
\$257	\$0	(\$257)	\$0	Purchase Waste Management Land (24150/02)	\$257	\$0	(\$257)
\$228,367	\$619,848	\$391,481	\$889,116	Construct Workshop No 3 - Red Hill Landfill Facility (24250/08)	\$1,338,794	\$774,811	(\$563,983)
\$39,428	\$273,032	\$233,604	\$1,850	Construct Wood Waste to Energy Building - HRRP (24259/05)	\$164,032	\$273,032	\$109,000
\$94	\$97,500	\$97,406	\$0	Construct Community Recycling Centre (CRC) - HRRP (24259/06)	\$40,094	\$130,000	\$89,906
\$3,551,845	\$3,500,000	(\$51,845)	\$2,515,198	Construct Commercial Transfer Station - HRRP (24259/10)	\$6,400,249	\$3,500,000	(\$2,900,249)
\$25,743	\$0	(\$25,743)	\$0	Construct Site Workshop - HRRP (24259/13)	\$25,743	\$0	(\$25,743)
\$24	\$250,000	\$249,976	\$29,333	Upgrade Power Supply to Workshop No 2 - Red Hill Landfill Facility (24259/15)	\$150,000	\$250,000	\$100,000
\$0	\$150,000	\$150,000	\$0	Install Power Supply to Lots 8 9 & 10 - Red Hill Landfill Facility (24259/16)	\$0	\$150,000	\$150,000
\$405,070	\$826,908	\$421,838	\$8,794	Construct Wood Waste to Energy Building (Pre-Commissioning) - HRRP (24259/18)	\$1,031,028	\$826,920	(\$204,108)
\$13,238	\$60,000	\$46,762	\$0	Construct Wood Waste to Energy Dry Char Storage Facility - HRRP (24259/19)	\$20,376	\$60,000	\$39,624
\$250	\$40,000	\$39,750	\$39,150	Construct Wood Waste to Energy Bucket Extension - HRRP (24259/20)	\$40,000	\$40,000	\$0
\$4,529	\$0	(\$4,529)	\$90,573	Construct Wood Waste to Energy Project (EMRC WWtE Step-In) - HRRP (24259/21)	\$21,761	\$0	(\$21,761)
\$568,645	\$0	(\$568,645)	\$0	Construct Class III Cell Stage 16 - Red Hill Landfill Facility (24310/19)	\$600,222	\$0	(\$600,222)
\$1,474	\$0	(\$1,474)	\$0	Construct Class III Cell Stage 17 - Red Hill Landfill Facility (24310/21)	\$150,000	\$350,000	\$200,000

CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Projects Team							
\$1,126	\$150,000	\$148,874	\$0	Design and Construct Class IV Cell Stage 3 - Red Hill Landfill Facility (24330/05)	\$150,000	\$150,000	\$0
\$78,492	\$185,500	\$107,008	\$3,760	Construct Roads / Carparks - Red Hill Landfill Facility (24370/00)	\$183,492	\$185,500	\$2,008
\$1,269	\$130,000	\$128,731	\$0	Construct Access Road to Lots 8 9 10 - Red Hill Landfill Facility (24370/02)	\$61,374	\$130,000	\$68,626
\$0	\$50,000	\$50,000	\$0	Construct Litter Fence - Redhill Landfill Facility (24394/05)	\$50,000	\$50,000	\$0
\$117,559	\$150,000	\$32,441	\$0	Resource Recovery Park - Noise Control Fencing (24394/06)	\$174,693	\$150,000	(\$24,693)
\$33,752	\$55,000	\$21,248	\$0	Construct Hardstand and Road - Hazelmere (24395/01)	\$33,752	\$55,000	\$21,248
\$55,717	\$0	(\$55,717)	\$138,355	Construct FOGO Processing Area - Red Hill Landfill Facility (24395/05)	\$108,460	\$0	(\$108,460)
\$0	\$62,500	\$62,500	\$0	Undertake FOGO Reference Site Tours (24395/06)	\$0	\$62,500	\$62,500
\$79,743	\$243,182	\$163,439	\$25,608	Implementation of the FOGO Recovery Strategy (24395/07)	\$186,423	\$300,000	\$113,577
\$29,900	\$60,000	\$30,100	\$0	Construct Monitoring Bores - Red Hill Landfill Facility (24396/00)	\$29,900	\$70,000	\$40,100
\$0	\$45,000	\$45,000	\$0	Construct Monitoring Bores - Hazelmere (24396/02)	\$0	\$70,000	\$70,000
\$2,725	\$0	(\$2,725)	\$0	Construct Site Infrastructure - HRRP (24399/01)	\$2,725	\$0	(\$2,725)
\$116,350	\$408,754	\$292,404	\$65,997	Wood Waste to Energy Utilities/Infrastructure - HRRP (24399/11)	\$408,754	\$408,754	\$0
\$0	\$0	\$0	\$0	Liquid Waste Project - Red Hill Landfill Facility (24399/16)	\$150,000	\$500,000	\$350,000



CAPITAL EXPENDITURE STATEMENT

MARCH 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Projects Team							
\$35,097	\$1,500,000	\$1,464,903	\$3,500	Air Pollution Control Residue Facility (APCR) - Red Hill Landfill Facility (24399/21)	\$1,580,785	\$2,300,000	\$719,215
\$255,228	\$250,000	(\$5,228)	\$0	Construct Concrete Pad east of C&I Building - HRRP (24399/22)	\$255,228	\$250,000	(\$5,228)
\$866	\$200,000	\$199,134	\$0	Extension of Sewer Line from WWtE to Sewer Sump & existing ATU - HRRP (24399/23)	\$948	\$200,000	\$199,052
\$5,430	\$300,000	\$294,570	\$0	Sewer Line from Lakes Rd to Mary St - HRRP (24399/24)	\$5,595	\$300,000	\$294,405
\$121,653	\$120,000	(\$1,653)	\$0	Extension of Concrete Pad with Workshop area - HRRP (24399/25)	\$121,653	\$120,000	(\$1,653)
\$97	\$100,000	\$99,903	\$0	Noise Barrier for Hammer Mill - HRRP (24399/26)	\$100	\$100,000	\$99,900
\$0	\$50,000	\$50,000	\$0	Digital Sign (DWER Requirement) - HRRP (24399/27)	\$0	\$50,000	\$50,000
\$19,383	\$103,987	\$84,604	\$0	Purchase Wood Waste to Energy Plant & Equipment - HRRP (24410/03)	\$103,987	\$103,987	\$0
\$2,800	\$0	(\$2,800)	\$2,900	Purchase FOGO Processing Plant - Red Hill Landfill Facility (24410/10)	\$2,800	\$0	(\$2,800)
\$28,763	\$0	(\$28,763)	\$0	Regional Waste Collection Project (24410/14)	\$32,382	\$0	(\$32,382)
\$0	\$0	\$0	\$0	Purchase Information Technology & Communication Equipment - Projects (24550/02)	\$0	\$25,000	\$25,000
\$5,824,911	\$9,981,211	\$4,156,300	\$3,814,132		\$13,625,607	\$11,935,504	(\$1,690,103)

\$7,230,678	\$13,291,066	\$6,060,388	\$4,690,708	TOTAL CAPITAL EXPENDITURE	\$16,883,021	\$16,333,004	(\$550,017)
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STATEMENT OF FINANCIAL POSITION

MARCH 2022

Actual June 2021	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Current Assets						
\$5,861,145	\$4,570,280	Cash and Cash Equivalents	\$2,437,871	\$4,010,280	(\$1,572,409)	(U)
\$82,123,503	\$76,657,764	Investments	\$77,620,260	\$65,875,435	\$11,744,825	(F)
\$3,431,287	\$3,699,561	Trade and Other Receivables	\$2,987,058	\$2,987,058	\$0	(F)
\$36,424	\$66,233	Inventories	\$39,035	\$39,035	\$0	(F)
\$32,382	\$575,770	Other Assets	\$67,382	\$67,382	\$0	(F)
\$91,484,741	\$85,569,608	Total Current Assets	\$83,151,606	\$72,979,190	\$10,172,416	(F)
Current Liabilities						
\$12,624,600	\$4,552,586	Trade and Other Payables	\$6,160,299	\$6,160,299	\$0	(F)
\$1,814,744	\$1,814,744	Provisions	\$1,892,645	\$1,892,645	\$0	(F)
\$14,439,344	\$6,367,330	Total Current Liabilities	\$8,052,944	\$8,052,944	\$0	(F)
\$77,045,397	\$79,202,278	Net Current Assets	\$75,098,662	\$64,926,246	\$10,172,416	(F)
Non Current Assets						
\$47,850,000	\$47,850,257	Land	\$52,586,164	\$52,585,907	\$257	(F)
\$6,506,875	\$7,875,392	Buildings	\$19,497,050	\$16,583,375	\$2,913,675	(F)
\$21,977,142	\$22,772,274	Structures	\$29,244,884	\$30,428,680	(\$1,183,796)	(U)
\$13,136,462	\$12,533,814	Plant	\$14,500,132	\$14,867,626	(\$367,494)	(U)
\$638,147	\$607,333	Equipment	\$1,129,005	\$1,123,575	\$5,430	(F)
\$126,449	\$183,750	Furniture and Fittings	\$246,488	\$250,604	(\$4,116)	(U)
\$25,179,667	\$26,797,729	Work in Progress	\$16,476,588	\$17,536,763	(\$1,060,175)	(U)
\$115,414,742	\$118,620,549	Total Non Current Assets	\$133,680,311	\$133,376,530	\$303,781	(F)
Non Current Liabilities						
\$6,707,161	\$28,104,602	Provisions	\$31,100,854	\$9,039,362	(\$22,061,492)	(U)
\$6,707,161	\$28,104,602	Total Non Current Liabilities	\$31,100,854	\$9,039,362	(\$22,061,492)	(U)
\$185,752,978	\$169,718,225	Net Assets	\$177,678,119	\$189,263,414	(\$11,585,295)	(U)
Equity						
\$76,354,391	\$82,641,476	Accumulated Surplus/Deficit	\$82,071,742	\$84,606,081	(\$2,534,339)	(U)
\$65,953,610	\$45,360,929	Cash Backed Reserves	\$53,691,970	\$64,812,065	(\$11,120,095)	(U)
\$37,157,892	\$37,157,892	Asset Revaluation Reserve	\$37,157,892	\$35,488,596	\$1,669,296	(F)
\$6,287,085	\$4,557,928	Net change in assets from operations	\$4,756,515	\$4,356,672	\$399,843	(F)
\$185,752,978	\$169,718,225	Total Equity	\$177,678,119	\$189,263,414	(\$11,585,295)	(U)



CASH AND INVESTMENTS

MARCH 2022

Actual June 2021	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Municipal Cash and Investments						
5,857,095	4,566,230	Cash at Bank - Municipal Fund 01001/00	2,433,821	2,006,230	427,591	(F)
4,050	4,050	Cash on Hand 01019/00 - 02	4,050	4,050	0	(F)
16,046,391	31,113,843	Investments - Municipal Fund 02021/00	22,872,661	2,000,000	20,872,661	(F)
21,907,536	35,684,123	Total Municipal Cash	25,310,532	4,010,280	21,300,252	(F)
Restricted Cash and Investments						
749,821	752,198	Restricted Investments - Plant and Equipment 02022/01	1,877,760	704,819	1,172,941	(F)
2,943,263	2,952,592	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	3,442,229	6,090,227	(2,647,998)	(U)
11,460,995	11,497,319	Restricted Investments - Future Development 02022/03	22,950,099	9,086,393	13,863,706	(F)
1,349,161	1,353,437	Restricted Investments - Environmental Monitoring Red Hill 02022/04	1,623,250	2,951,545	(1,328,295)	(U)
59,639	0	Restricted Investments - Environmental Insurance Red Hill 02022/05	0	65,714	(65,714)	(U)
15,813	0	Restricted Investments - Risk Management 02022/06	0	16,002	(16,002)	(U)
600,945	602,850	Restricted Investments - Class IV Cells Red Hill 02022/07	626,916	551,046	75,870	(F)
41,177,833	20,687,642	Restricted Investments - Secondary Waste Processing 02022/09	15,107,184	37,275,373	(22,168,189)	(U)
1,158,161	1,161,832	Restricted Investments - Class III Cells 02022/10	2,383,246	2,231,556	151,690	(F)
79,842	0	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	0	80,683	(80,683)	(U)
5,325,000	5,341,877	Restricted Investments - EastLink Relocation 02022/13	5,343,168	5,325,000	18,168	(F)
123,503	157,764	Restricted Investments - Accrued Interest 02022/19	338,109	433,707	(95,598)	(U)
1,033,136	1,036,410	Restricted Investments - Long Service Leave 02022/90	1,055,638	1,063,370	(7,732)	(U)
66,077,112	45,543,921	Total Restricted Cash	54,747,599	65,875,435	(11,127,836)	(U)
87,984,648	81,228,044	TOTAL CASH AND INVESTMENTS	80,058,131	69,885,715	10,172,416	(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.

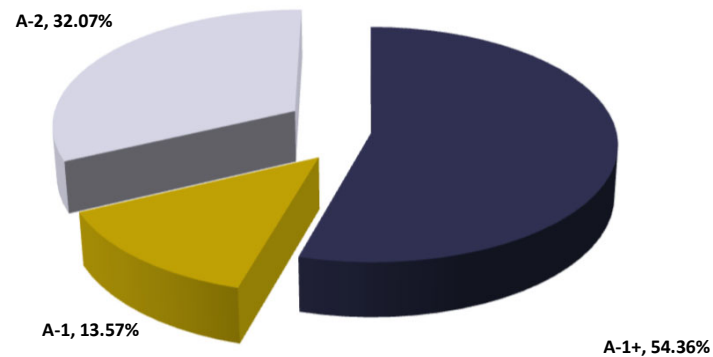
EMRC Investment Report

March 2022

I. Overall Portfolio Limits

S&P Long Term Rating	S&P Short Term Rating	Short Term % Portfolio	Investment Maximum %
AAA	A-1+	54.36%	100.00%
AA	A-1	13.57%	100.00%
BBB	A-2	32.07%	40.00%
		<u>100.00%</u>	

Investment by S&P Rating



II. Single Entity Exposure

	S&P Long Term Rating	S&P Short Term Rating	Short Term % Portfolio	
ANZ Banking Group	AA-	A-1+	2.47%	
AMP	BBB	A-2	12.34%	
NAB	AA-	A-1+	33.91%	
Westpac / St. George Bank	AA-	A-1+	17.97%	
Suncorp	A+	A-1	7.40%	*
BOQ / ME Bank	BBB+	A-2	19.74%	
Macquarie Bank	A+	A-1	6.17%	
			<u>100.00%</u>	

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

III. Term to Maturity Framework

Investment Policy Guidelines

Maturity Profile	% Portfolio	% Min	% Max
Less Than 1 Year	100.00%	40%	100%
Greater than 1 year & less than or equal to 3 years	<u>0.00%</u>	0%	60%

IV. Fossil Fuel Divestment

	% Portfolio
Non-Fossil Fuel ADI's	7.40%
Fossil Fuel ADI's	92.60%
	<u>100.00%</u>

14.3 FINANCIAL REPORT FOR PERIOD ENDED 30 APRIL 2022

D2022/07020

PURPOSE OF REPORT

The purpose of this report is to provide Council with an overview of the EMRC's financial performance for the period ended 30 April 2022.

KEY POINTS

- 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 Comprehensive Income as at 30 April 2022 have been identified and are reported on in the body of the report.

RECOMMENDATIONS

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 2022.

SOURCE OF REPORT

Chief Financial Officer

BACKGROUND

- 1 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.
- 2 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

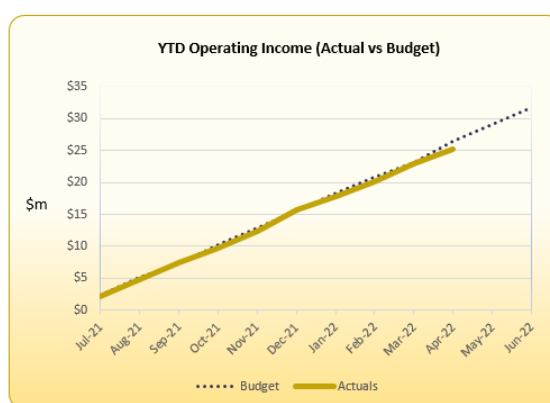
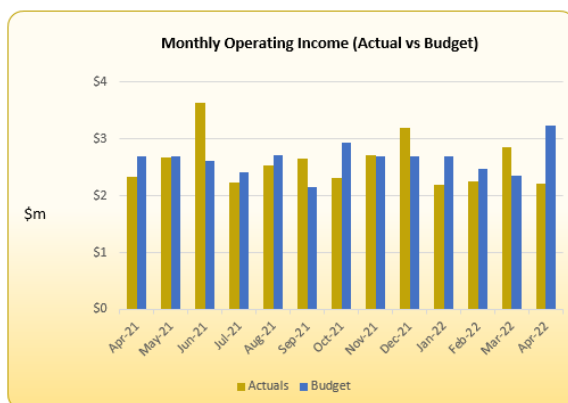
- 3 Outlined below are financial statements for the period ended 30 April 2022. Where possible the year to date monthly budget allocations will be reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. This will provide a better comparison between the year to date actual and year to date budget figures.

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

- 4 The net operating result as at 30 April 2022 is a favourable variance of \$1,885,183 (60.59%) against budget. The following information is provided on key aspects of Council's year to date financial performance:

5

Operating Income	Actuals for the Year	An unfavourable variance of \$437,592 (1.71%)
	End of Year Forecasts	A favourable variance of \$1,736,464 (5.47%)

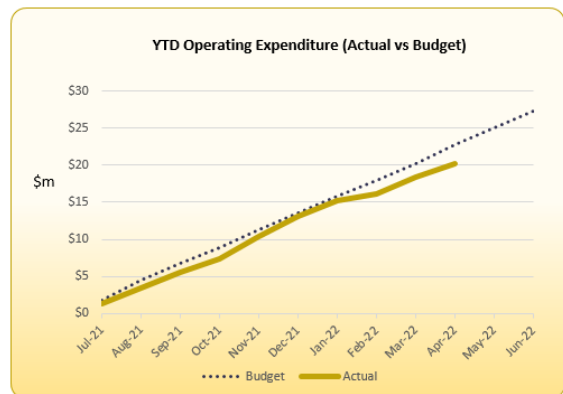
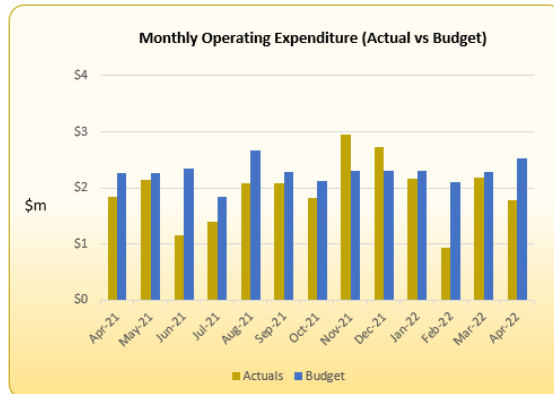


Operating Income Variances previously reported to Council

- 6 The full year forecast for User Charges is above the annual budget by \$3,456,651 (10.30%). The variance is attributable to additional tonnages forecasts to be received by year end (239,679 tonnes compared to a budget of 222,770 tonnes).
- 7 The full year forecast for Contributions is below the annual budget by \$72,339 (30.21%). The variance relates to lower than budgeted contributions to Sustainability projects from the City of Swan (\$22k - ERCMP & Regional Spatial Mapping), Shire of Mundaring (\$19k - ERCMP & Regional Spatial Mapping) & Other Organisations (\$31k - Regional Spatial Mapping & Environmental Sustainability & Net Zero programs).
- 8 Year to date Operating Grants of \$193,000 is above the budget by \$20,000 (11.56%). The variance is due to a successful grant for \$20,000 relating to the Circular Economy in the Community project that was received and not previously budgeted for.
- 9 The full year forecast for Operating Grants is below the annual budget by \$195,000 (48.99%). The variance is due to the following grants that were budgeted for but will not be received (associated costs relating specifically to these grants have not been incurred):
- ⇒ \$105,000 - Co-ordination of Community Led NRM Projects due to the Environmental Services Section no longer existing effective from July 2021;
 - ⇒ \$100,000 - Farm Dam Project; and
 - ⇒ \$20,000 - Regional Integrated Transport Strategy including Net Zero; and
- This is offset by the following successful grant not previously budgeted for that has been received:
- ⇒ \$20,000 - Circular Economy in the Community project.
- 10 Year to date Interest Restricted Cash Investments of \$276,491 is below the budget by \$90,179 (24.59%). The variance is due to the lower interest rates on investments being obtained and the low value of term deposit maturities to date.

- 11 The full year forecast for Interest on Municipal Fund Cash and Investment is \$360,106 (45.01%) below the budget of \$799,975. The variance is due to the lower interest rates on investments being obtained and the low value of term deposit maturities by year end.
- 12 The full year forecast for Other Income is below the annual budget by \$635,898 (22.36%). The variance is attributable to:
- ⇒ \$506,000 - Nil Electricity Sale as a result of the WWtE project not being commissioned in the 2021/2022 financial year;
 - ⇒ \$66,109 - Lowered Sale of Products Income; and
 - ⇒ \$100,000 - Lower Royalty Income as a result of the low level of return on the sale of the EMRC LGC's. The sale of the LGC's is undertaken by EDL who operate the Landfill Gas operation at the Red Hill Waste Management Facility. The rate for the LGC's fluctuates based on market conditions. The recent sale in February 2022 achieved a sale price of \$24 compared to \$84 that was achieved in 2018.
- 13 This is off-set by a forecast increase in Rebate Income - Other of \$33,000. This relates to a forecast increase in the diesel fuel rebate due to the increased usage of diesel fuel expected by the year end.
- 14 There were no further significant Operating Income variances as at 30 April 2022.

15	Operating Expenditure	Actuals for the Year	An underspend variance of \$2,322,775 (10.34%)
		End of Year Forecasts	An underspend variance of \$1,336,621 (4.88%)



Operating Expenditure Variances previously reported to Council

- 16 Year to date Salary Expenses of \$7,845,858 is below the budget by \$1,051,809 (11.82%). This variance relates to budgeted positions yet to be filled together with unfilled vacant positions. This is partially offset by higher than budget contract labour expenses.
- 17 Year to date Contract Expenses of \$4,488,680 is below the budget by \$818,128 (15.42%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$121,843), Business Support (\$337,952), Sustainability (\$242,643), Projects (\$195,683). This is off-set by expenditure greater than budget in the Operations business unit totalling \$79,993.

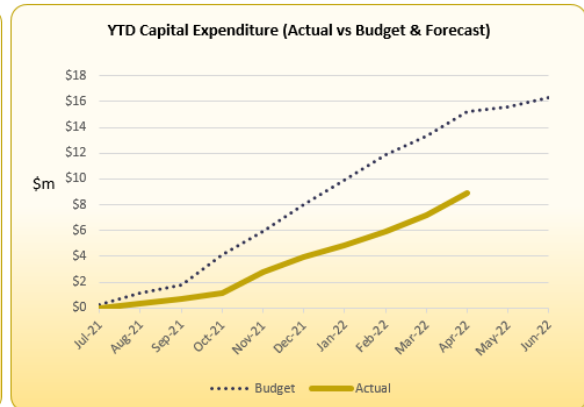
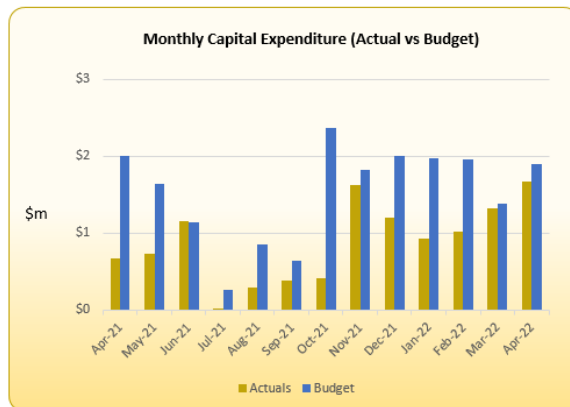
- 18 Year to date Material Expenses of \$774,831 is below the budget by \$341,907 (30.62%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$43,716), Business Support (\$45,543), Sustainability (\$76,042), Projects (\$40,265) and Operations (\$136,341).
- 19 Year to date Fuel Expenses of \$785,768 is above the budget by 179,478 (29.60%). The variance is attributable to the higher purchase price of diesel fuel compared to budget together with the higher level of tonnages forecast to be received as at year end compared to budget. The full year forecast for Fuel Expenses is \$115,083 above the budget of \$720,135 (15.98%).
- 20 Year to date Miscellaneous Expenses of \$695,991 is below the budget by \$336,678 (32.60%) due to the timing of various projects from different business units. Areas where the expenditures are lower than budget for various directorates/business units include: CEO's (\$82,611), Business Support (\$41,810), Sustainability (\$76,198), Projects (\$29,928) and Operations (\$106,131).
- 21 Following instructions from the OAG regarding the method of calculation of provisions, the full year forecast for Provision Expenses is \$1,468,811 (185.02%) above the budget of \$793,871. This variance relates to a higher than budgeted rate per tonne for the Post Closure Site Rehabilitation provision and the Environmental Monitoring provision that was recalculated following the completion of the 2020/2021 Annual Financial Report. The 12-month CPI rate and discount factor rates as at 30 June each year are used to calculate the provisions. As the rates can vary significantly from year to year, the budgeting for these provisions is based on an average of the 3 previous years rates with the actual value being calculated as at year end. Although this has an impact on the Net Result in the Statement of Comprehensive Income, these non-cash additional provisions do not affect the cash flow. The year to date Provision expenses of \$892,240 is above the budget by \$110,690 (14.16%).
- 22 Year to date Cost Allocations of \$126,233 is above the budget by \$50,372 (66.40%). This variance relates to internal costs allocated to various projects and specifically capital expenditure projects that have been budgeted to utilise the EMRC's plant and labour. Year to date Cost Allocations of \$98,952 is below the budget by \$188,295 (210.76%).
- 23 The full year forecast for Carrying Amount of Assets Disposed Of is \$56,006 (19.71%) above the budget of \$284,165. This relates to the Written Down Value of Plant and Vehicles that have achieved their change over period and have been sold.
- 24 There were no further significant Operating Expenditure variances as at 30 April 2022.

Other Comprehensive Income	Actuals for the Year	Nil
	End of Year Forecasts	Nil

- 25 There were no significant Other Comprehensive Income variances as at 30 April 2022.

Capital Expenditure Statement (refer Attachment 2)

Capital Expenditure	Actuals for the Year	An underspent variance of \$6,004,621
	End of Year Forecasts	Additional expenditure of \$550,017 compared to budget.



Capital Expenditure Variances

- 26 An underspent variance of \$6,004,621 existed as at 30 April 2022 when compared to the year to date budget of \$14,914,302. Various factors have impacted on the capital expenditure on projects during the early part of the financial year, particularly as a result of inclement weather. October 2021 represented the highest rainfall for October since weather records began. As a result, it has impacted on the EMRC's project works at Red Hill Waste Management Facility (RHWMF).
- 27 Work at RHWMF and other site works are now progressing well.
- 28 It is anticipated that there will be a significant uplift in project activity by the end of the financial year as project works continue unhindered by the weather, bringing capital expenditure back in line with budgeted timing.
- 29 Capital expenditure of \$8,909,682 has been undertaken to 30 April 2022 with the major capital expenditure being on the following:
- Construct Commercial Transfer Station - HRRP - \$4,472,754;
 - Purchase/Replace Plant - HRRP - \$678,098;
 - Construct Class III Cell, Stage 16 - RHWMF - \$600,222;
 - Construct WWtE Building (Pre-Commissioning Costs) - HRRP - \$447,751;
 - Construct Workshop No 3 - RHWMF - \$428,938;
 - Purchase/Replace Minor Plant & Equipment - RHWMF - \$296,882;
 - Construct Concrete Pad East of C & I Building - HRRP - \$255,228;
 - WWtE Project - HRRP - \$224,349;
 - Gas Extraction System Wells - RHWMF - \$216,414
 - Purchase/Replace Vehicles - \$189,230;
 - Purchase/Replace Plant - RHWMF - \$155,539; and

- Extension of Concrete Pad with Workshop Area - HRRP - \$121,653.
- 30 The forecast capital expenditure of \$16,883,021 is \$550,017 above the budget of \$16,333,004.
- 31 Significant reductions to capital budgets where savings have been achieved, or where project expenditure has been deferred due to delays and/or carried forward or not required include the following:
- ⇒ Air Pollution Control Residue Facility (APCR) - RHLF - \$719,215 (c/fwd);
 - ⇒ Purchase / Replace Plant - RHLF - \$544,461;
 - ⇒ Capital Improvements Administration Building - Ascot Place - \$458,000 (c/fwd)
 - ⇒ Liquid Waste Project - RHLF - \$350,000 (c/fwd);
 - ⇒ Sewer Line from Lakes Road to Mary St - HRRF - \$294,405 (c/fwd);
 - ⇒ Construct Class III Cell Stage 17 - RHLF - \$200,000 (c/fwd);
 - ⇒ Extension of Sewer Line from WWtE to Sewer Sump 7 Existing ATU - HRRF - \$199,052 (c/fwd);
 - ⇒ Install Power to Lots 8, 9 and 10 - RHLF - \$150,000 (c/fwd);
 - ⇒ Implementation of the FOGO Recovery Strategy - RHLF - \$113,577 (c/fwd);
 - ⇒ Construct WWtE Building - HRRP - \$109,000 (c/fwd);
 - ⇒ Refurbish Plant - RHLF - \$100,000;
 - ⇒ Upgrade Power to Workshop No 2 - RHLF - \$100,000 (c/fwd);
 - ⇒ Noise Barrier for Hammer Mill - HRRP - \$99,900 (c/fwd);
 - ⇒ Construct Community Recycling Centre (CRC) - HRRP - \$89,906 (c/fwd);
 - ⇒ Construct Monitoring Bores - HRRP - \$70,000 (c/fwd);
 - ⇒ Purchase Vehicles - Ascot Place - \$69,000;
 - ⇒ Construct Access Road to Lots 8, 9 & 10 - RHLF - \$68,626 (c/fwd);
 - ⇒ Undertake FOGO Reference Site Tours - \$62,000 (c/fwd); and
 - ⇒ Digital Sign - HRRP - \$50,000 (c/fwd).
- 32 This is offset by an increase in the following Capital Expenditure budget provision following a review of the capital expenditure program:
- ⇒ Construct Commercial Transfer Station (HRRP) - \$2,900,249;
- This was subject to a report submitted to Council and approved by Council at its meeting held on 26 August 2021 (Ref: D2021/12261) for an additional sum of \$4,041,126 (\$3,500,000 was forecast in the 2022/2023 financial year and was bought forward to 2021/2022). Due to the timing of works \$1,140,877 of the approved amount is to be carried forward into the 2022/2023 financial year.

- ⇒ Construct Class III Stage 16 Landfill Cell - RHLF - \$600,222;

The construction of the Class III Stage 16 Cell was expected to be completed by 30 June 2021 at a forecast cost of \$3,171,717. As a result, no carried forward provision was made in the 2021/2022 Annual Budget. However, due to the cell liner which was found to be out of specification and had to be replaced at the contractor's expense, as well as inclement weather, the construction of the cell was not completed by the end of June 2021. The actual expenditure as at 30 June 2021 totalled \$1,923,859 being \$1,247,858 below the expected forecast value of \$3,171,717. The Class III Stage 16 Cell has now been completed.

- ⇒ Construct Site Workshop (HRRP) - \$563,983;

This was subject to a report submitted to Council and approved by Council at its meeting held on 25 November 2021 (Ref: D2021/23177) for an additional sum of \$846,384 to accommodate a higher than budgeted tender submission. Due to the timing of works \$282,401 of the approved amount is to be carried forward into the 2022/2023 financial year.

- ⇒ Wood Waste to Energy Building Project (Pre-Commissioning Cost) - HRRP - \$204,108;

This expenditure relates to the additional capitalisation of WWtE pre-commissioning operating costs. It was expected that the WWtE project would be commissioned by April 2022, however due to delays it is now not expected to be commissioned during 2021/2022. The operating costs for the April - June 2022 period have therefore been transferred from the operating budget to the capital budget as on-going pre-commissioning expenses.

- ⇒ Construct FOGO Processing Area - RHLF - \$108,460;

This was subject to a report submitted to Council and approved by Council at its meeting held on 26 August 2021 (Ref: D2021/15757).

Statement of Financial Position (refer Attachment 3)

- 33 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.
- 34 Total Equity as at 30 April 2022 totals \$170,157,021. This is a decrease of \$15,595,957 from the 30 June 2021 equity of \$185,752,978. This is as a result of a provision estimate of \$20,592,681 being brought to account for the City of Belmont equity entitlement payment due in July 2023.
- 35 It has been forecast that Total Equity as at 30 June 2022 will be below the original budget of \$189,263,414 by \$11,585,295 for the reason as outlined above.

Statement of Cash and Investments (refer Attachment 4)

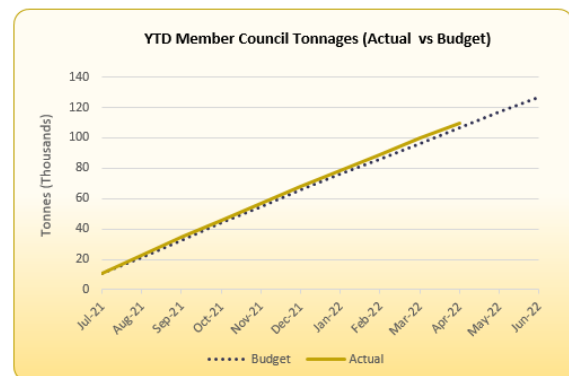
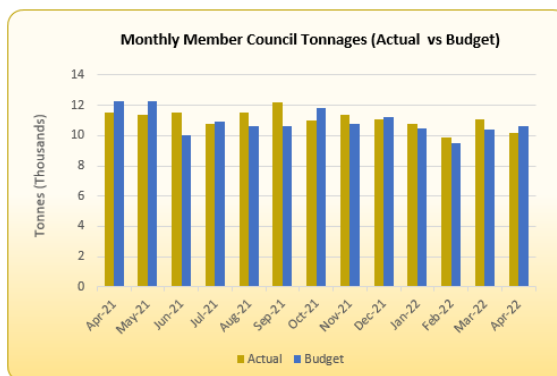
- 36 The level of cash and investments in the Municipal Fund as at 30 April 2022 is \$34,860,393 and Restricted Cash amount to \$43,564,831. This is inclusive of the movement of \$20,592,681 from the Secondary Waste Reserve to the Municipal Fund to cover the estimated provision for the City of Belmont equity entitlement payment due in July 2023.
- 37 The net movement for the month is a decrease of \$2,802,820 and is principally due to the payment of the landfill levy of \$2.94m for the January 2022 - March 2022 period.

- 38 It has been currently forecast that Total Cash and Investments as at 30 June 2022 will be above the original budget of \$69,885,715 by \$10,172,416.

Investment Report (refer Attachment 5)

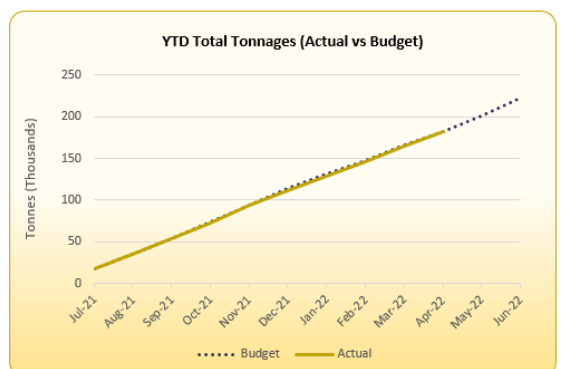
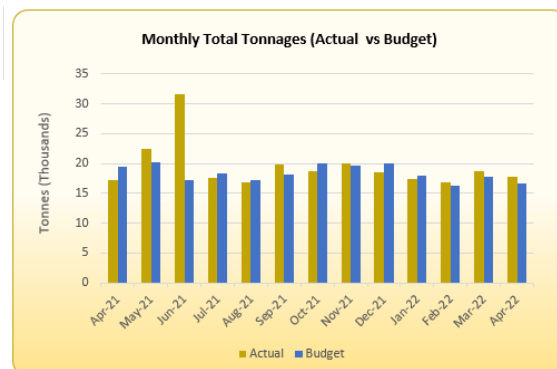
- 39 Term deposits valued at \$5,000,000 matured during April 2022. Of these funds \$4,000,000 was reinvested into further term deposits.
- 40 Due to the ME Bank being acquired by the BOQ in February/March of 2022 the combined portfolio percentage of the two ADI's of 20.45% now exceeds the policy limit of 20%. This will not be reduced until such time that either additional funds are invested in other banks and the portfolio total is increased or until the redemption of the next BOQ TD maturity in September 2022. It should be noted that the EMRC have not invested with BOQ or ME Bank since December 2022. As a consequence, the policy breach has been unavoidable.

Tonnages – Member Councils



- 41 YTD tonnages received from member Councils total 109,811 tonnes compared to the budget of 106,932 tonnes. As at the same period in 2020/2021 tonnages from member Councils totalled 119,327 tonnes (which included City of Belmont tonnages of 13,897).

Tonnages – Total Tonnages



- 42 YTD total tonnages received from all sources total 182,336 tonnes compared to the budget of 182,441 tonnes. As at the same period in 2020/2021 tonnages received from all sources totalled 174,363 tonnes (which included City of Belmont tonnages of 13,897).

STRATEGIC/POLICY IMPLICATIONS

- 43 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

- 44 As outlined within the report and attachments.

SUSTAINABILITY IMPLICATIONS

- 45 Nil

RISK MANAGEMENT

Risk – Non-Compliance with Financial Regulations		
Consequence	Likelihood	Rating
Moderate	Unlikely	Moderate
Action/Strategy		
<ul style="list-style-type: none"> ➤ The financial report is scrutinised by the EMRC Council to ensure that all statutory requirements are met. ➤ Internal Audit reviews to ensure compliance with Financial Regulations. ➤ External Audit confirms compliance. 		

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Kalamunda Shire of Mundaring City of Swan	As outlined in the report.

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (D2022/08456)
2. Capital Expenditure Statement (D2022/08457)
3. Statement of Financial Position (D2022/08458)
4. Statement of Cash and Investments (D2022/08459)
5. Investment Report (D2022/08460)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 30 April 2022.

COUNCIL RESOLUTION(S)

MOVED

SECONDED



STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

Year to Date				APRIL 2022		Full Year		
Actual	Budget	Variance				Forecast	Budget	Variance
Operating Income								
\$27,531,829	\$28,198,146	(\$666,317)	(U)	User Charges		\$37,022,847	\$33,566,196	\$3,456,651 (F)
(\$10,403,408)	(\$10,682,880)	\$279,472	(F)	<u>Less</u> Landfill Levy Charges		(\$13,755,003)	(\$12,819,464)	(\$935,539) (U)
\$17,128,421	\$17,515,266	(\$386,845)	(U)	Net User Charges		\$23,267,844	\$20,746,732	\$2,521,112 (F)
\$479,400	\$473,196	\$6,204	(F)	Special Charges		\$605,925	\$556,739	\$49,186 (F)
\$3,564,118	\$3,503,074	\$61,044	(F)	Secondary Waste Charge		\$4,493,804	\$4,121,290	\$372,514 (F)
\$165,117	\$174,234	(\$9,117)	(U)	Contributions		\$167,121	\$239,460	(\$72,339) (U)
\$193,000	\$173,000	\$20,000	(F)	Operating Grants		\$203,000	\$398,000	(\$195,000) (U)
\$119,420	\$109,990	\$9,430	(F)	Interest Municipal Cash Investments		\$137,029	\$132,000	\$5,029 (F)
\$276,491	\$366,670	(\$90,179)	(U)	Interest Restricted Cash Investments		\$439,869	\$799,975	(\$360,106) (U)
\$1,279,983	\$1,274,272	\$5,711	(F)	Reimbursements		\$1,610,688	\$1,536,722	\$73,966 (F)
\$1,625,672	\$1,684,000	(\$58,328)	(U)	Other		\$2,208,380	\$2,844,278	(\$635,898) (U)
\$311,318	\$306,830	\$4,488	(F)	Proceeds from Sale of Assets		\$329,000	\$351,000	(\$22,000) (U)
\$25,142,940	\$25,580,532	(\$437,592)	(U)	Total Operating Income		\$33,462,660	\$31,726,196	\$1,736,464 (F)
Operating Expenditure								
\$7,845,858	\$8,897,667	\$1,051,809	(F)	Salary Expenses		\$10,064,688	\$11,174,794	\$1,110,106 (F)
\$4,488,680	\$5,306,808	\$818,128	(F)	Contract Expenses		\$6,947,567	\$6,429,257	(\$518,310) (U)
\$774,831	\$1,116,738	\$341,907	(F)	Material Expenses		\$1,343,145	\$1,347,539	\$4,394 (F)
\$234,592	\$258,010	\$23,418	(F)	Utility Expenses		\$340,150	\$310,375	(\$29,775) (U)
\$785,768	\$606,290	(\$179,478)	(U)	Fuel Expenses		\$835,218	\$720,135	(\$115,083) (U)
\$257,270	\$258,320	\$1,050	(F)	Insurance Expenses		\$309,404	\$310,604	\$1,200 (F)
\$4,033,726	\$4,028,830	(\$4,896)	(U)	Depreciation Expenses		\$5,016,610	\$4,826,380	(\$190,230) (U)
\$695,991	\$1,032,669	\$336,678	(F)	Miscellaneous Expenses		\$1,147,558	\$1,261,747	\$114,189 (F)
\$892,240	\$781,550	(\$110,690)	(U)	Provision Expenses		\$2,262,682	\$793,871	(\$1,468,811) (U)
(\$126,233)	(\$75,861)	\$50,372	(F)	Costs Allocated		\$98,952	(\$89,343)	(\$188,295) (U)
\$263,493	\$257,970	(\$5,523)	(U)	Carrying Amount of Assets Disposed Of		\$340,171	\$284,165	(\$56,006) (U)
\$20,146,216	\$22,468,991	\$2,322,775	(F)	Total Operating Expenditure		\$28,706,145	\$27,369,524	(\$1,336,621) (U)
\$4,996,724	\$3,111,541	\$1,885,183	(F)	NET RESULT BEFORE OTHER COMPREHENSIVE INCOME		\$4,756,515	\$4,356,672	\$399,843 (F)
Surplus	Surplus					Surplus	Surplus	
Other Comprehensive Income								
\$0	\$0	\$0	(F)	Revaluation of Assets/Accumulated Depreciation Reversal		\$0	\$0	\$0 (F)
\$0	\$0	\$0	(F)	Total Other Comprehensive Income		\$0	\$0	\$0 (F)
\$4,996,724	\$3,111,541	\$1,885,183	(F)	CHANGE IN NET ASSETS FROM OPERATIONS		\$4,756,515	\$4,356,672	\$399,843 (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; and
5. Other Operating Income - includes income from the sale of products;

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



CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order	Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	
CEO's Team							
\$0	\$30,000	\$30,000	\$0	Purchase Information Technology & Communication Equipment - Councillors (24550/01)	\$0	\$30,000	\$30,000
\$0	\$0	\$0	\$0	Purchase Art Works (24620/00)	\$10,000	\$10,000	\$0
\$0	\$30,000	\$30,000	\$0		\$10,000	\$40,000	\$30,000



CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Business Support							
\$189,230	\$245,855	\$56,625	\$0	Purchase Vehicles - Ascot Place (24440/00)	\$197,000	\$266,000	\$69,000
\$0	\$5,000	\$5,000	\$0	Purchase Furniture Fittings & Equipment - Corporate Services (24510/01)	\$10,000	\$10,000	\$0
\$90,193	\$129,000	\$38,807	\$0	Purchase Information Technology & Communication Equipment (24550/00)	\$190,000	\$129,000	(\$61,000)
(\$10,524)	\$0	\$10,524	\$0	Capital Improvement Administration Building - Ascot Place (25240/01)	\$0	\$458,000	\$458,000
\$0	\$0	\$0	\$0	Upgrade Security Equipment - Ascot Place (25530/01)	\$5,000	\$5,000	\$0
\$268,900	\$379,855	\$110,955	\$0		\$402,000	\$868,000	\$466,000



CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Operations Team							
\$11,304	\$100,000	\$88,696	\$0	Construct Waste Management Facility Buildings - Red Hill Landfill Facility (24250/01)	\$100,000	\$100,000	\$0
\$4,778	\$200,000	\$195,222	\$0	Construct Leachate and Stormwaste Infrastructure and Siltation Ponds - Red Hill Landfill Facility (24350/01)	\$154,731	\$200,000	\$45,269
\$0	\$100,000	\$100,000	\$0	Construct Drainage Diversion and Earthworks Infrastructures - Red Hill Landfill Facility (24380/00)	\$100,000	\$100,000	\$0
\$0	\$50,000	\$50,000	\$0	Air Supply lines - Waste Management Structures - Red Hill Landfill Facility (24399/10)	\$50,000	\$50,000	\$0
\$216,414	\$200,000	(\$16,414)	\$0	Gas Extraction System Wells - Red Hill Landfill Facility (24399/20)	\$216,414	\$200,000	(\$16,414)
\$155,539	\$950,000	\$794,461	\$210,604	Purchase / Replace Plant - Red Hill Landfill Facility (24410/00)	\$405,539	\$950,000	\$544,461
\$678,098	\$650,000	(\$28,098)	\$406,405	Purchase / Replace Plant - Hazelmere (24410/01)	\$678,098	\$650,000	(\$28,098)
\$296,882	\$235,000	(\$61,882)	\$0	Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility (24420/00)	\$296,882	\$275,000	(\$21,882)
\$40,342	\$88,000	\$47,658	\$36,200	Purchase / Replace Minor Plant and Equipment - Hazelmere (24420/02)	\$89,000	\$104,000	\$15,000
\$0	\$99,000	\$99,000	\$43,366	Purchase / Replace Vehicles - Red Hill Landfill Facility (24430/00)	\$132,000	\$132,000	\$0
\$0	\$5,000	\$5,000	\$0	Purchase Fire Fighting System/Equipment - Hazelmere (24520/07)	\$5,000	\$5,000	\$0
\$5,060	\$213,500	\$208,440	\$0	Purchase / Replace Security System - Red Hill Waste Management Facility (24530/08)	\$213,500	\$213,500	\$0



CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order	Full Year		
Actual	Budget	Variance		Forecast	Budget	Variance
Operations Team						
\$19,250	\$10,000	(\$9,250)	\$0	Purchase / Replace Security System - Hazelmere (24530/10)	\$19,250	\$10,000 (\$9,250)
\$0	\$30,000	\$30,000	\$0	Purchase Information Technology & Communication Equipment - Hazelmere (24550/03)	\$0	\$30,000 \$30,000
\$0	\$33,000	\$33,000	\$0	Purchase / Replace Other Equipment - Red Hill Landfill Facility (24590/00)	\$40,000	\$40,000 \$0
\$15,000	\$0	(\$15,000)	\$0	Purchase / Replace Miscellaneous Equipment - Hazelmere (24590/02)	\$15,000	\$0 (\$15,000)
\$59,850	\$70,000	\$10,150	\$0	Purchase Office Furniture and Fittings - Hazelmere Office (24610/10)	\$70,000	\$70,000 \$0
\$6,783	\$60,000	\$53,217	\$0	Purchase Furniture and Fittings - Hazelmere Workshop (24610/11)	\$60,000	\$60,000 \$0
\$0	\$300,000	\$300,000	\$180,000	Refurbish Plant - Red Hill Landfill Facility (25410/00)	\$200,000	\$300,000 \$100,000
\$1,509,301	\$3,393,500	\$1,884,199	\$876,576		\$2,845,414	\$3,489,500 \$644,086

CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order	Full Year		
Actual	Budget	Variance		Forecast	Budget	Variance
Projects Team						
\$257	\$0	(\$257)	\$0	Purchase Waste Management Land (24150/02)	\$257	\$0 (\$257)
\$428,938	\$774,811	\$345,873	\$889,116	Construct Workshop No 3 - Red Hill Landfill Facility (24250/08)	\$1,338,794	\$774,811 (\$563,983)
\$62,317	\$273,032	\$210,715	\$1,850	Construct Wood Waste to Energy Building - HRRP (24259/05)	\$164,032	\$273,032 \$109,000
\$94	\$130,000	\$129,906	\$0	Construct Community Recycling Centre (CRC) - HRRP (24259/06)	\$40,094	\$130,000 \$89,906
\$4,472,754	\$3,500,000	(\$972,754)	\$2,515,198	Construct Commercial Transfer Station - HRRP (24259/10)	\$6,400,249	\$3,500,000 (\$2,900,249)
\$25,743	\$0	(\$25,743)	\$0	Construct Site Workshop - HRRP (24259/13)	\$25,743	\$0 (\$25,743)
\$24	\$250,000	\$249,976	\$29,333	Upgrade Power Supply to Workshop No 2 - Red Hill Landfill Facility (24259/15)	\$150,000	\$250,000 \$100,000
\$0	\$150,000	\$150,000	\$0	Install Power Supply to Lots 8 9 & 10 - Red Hill Landfill Facility (24259/16)	\$0	\$150,000 \$150,000
\$447,751	\$826,908	\$379,157	\$8,794	Construct Wood Waste to Energy Building (Pre-Commissioning) - HRRP (24259/18)	\$1,031,028	\$826,920 (\$204,108)
\$14,475	\$60,000	\$45,525	\$0	Construct Wood Waste to Energy Dry Char Storage Facility - HRRP (24259/19)	\$20,376	\$60,000 \$39,624
\$250	\$40,000	\$39,750	\$39,150	Construct Wood Waste to Energy Bucket Extension - HRRP (24259/20)	\$40,000	\$40,000 \$0
\$21,761	\$0	(\$21,761)	\$90,573	Construct Wood Waste to Energy Project (EMRC WWtE Step-In) - HRRP (24259/21)	\$21,761	\$0 (\$21,761)
\$600,222	\$0	(\$600,222)	\$0	Construct Class III Cell Stage 16 - Red Hill Landfill Facility (24310/19)	\$600,222	\$0 (\$600,222)
\$1,597	\$100,000	\$98,403	\$0	Construct Class III Cell Stage 17 - Red Hill Landfill Facility (24310/21)	\$150,000	\$350,000 \$200,000

CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Projects Team							
\$1,436	\$150,000	\$148,564	\$0	Design and Construct Class IV Cell Stage 3 - Red Hill Landfill Facility (24330/05)	\$150,000	\$150,000	\$0
\$78,492	\$185,500	\$107,008	\$3,760	Construct Roads / Carparks - Red Hill Landfill Facility (24370/00)	\$183,492	\$185,500	\$2,008
\$1,269	\$130,000	\$128,731	\$0	Construct Access Road to Lots 8 9 10 - Red Hill Landfill Facility (24370/02)	\$61,374	\$130,000	\$68,626
\$0	\$50,000	\$50,000	\$0	Construct Litter Fence - Redhill Landfill Facility (24394/05)	\$50,000	\$50,000	\$0
\$117,583	\$150,000	\$32,417	\$0	Resource Recovery Park - Noise Control Fencing (24394/06)	\$174,693	\$150,000	(\$24,693)
\$33,752	\$55,000	\$21,248	\$0	Construct Hardstand and Road - Hazelmere (24395/01)	\$33,752	\$55,000	\$21,248
\$65,959	\$0	(\$65,959)	\$138,355	Construct FOGO Processing Area - Red Hill Landfill Facility (24395/05)	\$108,460	\$0	(\$108,460)
\$0	\$62,500	\$62,500	\$0	Undertake FOGO Reference Site Tours (24395/06)	\$0	\$62,500	\$62,500
\$84,662	\$270,455	\$185,793	\$25,608	Implementation of the FOGO Recovery Strategy (24395/07)	\$186,423	\$300,000	\$113,577
\$29,900	\$60,000	\$30,100	\$0	Construct Monitoring Bores - Red Hill Landfill Facility (24396/00)	\$29,900	\$70,000	\$40,100
\$0	\$60,000	\$60,000	\$0	Construct Monitoring Bores - Hazelmere (24396/02)	\$0	\$70,000	\$70,000
\$6,025	\$0	(\$6,025)	\$0	Construct Site Infrastructure - HRRP (24399/01)	\$2,725	\$0	(\$2,725)
\$121,669	\$408,754	\$287,085	\$65,997	Wood Waste to Energy Utilities/Infrastructure - HRRP (24399/11)	\$408,754	\$408,754	\$0
\$0	\$0	\$0	\$0	Liquid Waste Project - Red Hill Landfill Facility (24399/16)	\$150,000	\$500,000	\$350,000



CAPITAL EXPENDITURE STATEMENT

APRIL 2022

Year to Date			On Order		Full Year		
Actual	Budget	Variance			Forecast	Budget	Variance
Projects Team							
\$39,371	\$2,300,000	\$2,260,629	\$3,500	Air Pollution Control Residue Facility (APCR) - Red Hill Landfill Facility (24399/21)	\$1,580,785	\$2,300,000	\$719,215
\$255,228	\$250,000	(\$5,228)	\$0	Construct Concrete Pad east of C&I Building - HRRP (24399/22)	\$255,228	\$250,000	(\$5,228)
\$17,063	\$200,000	\$182,937	\$0	Extension of Sewer Line from WWtE to Sewer Sump & existing ATU - HRRP (24399/23)	\$948	\$200,000	\$199,052
\$5,595	\$300,000	\$294,405	\$0	Sewer Line from Lakes Rd to Mary St - HRRP (24399/24)	\$5,595	\$300,000	\$294,405
\$121,653	\$120,000	(\$1,653)	\$0	Extension of Concrete Pad with Workshop area - HRRP (24399/25)	\$121,653	\$120,000	(\$1,653)
\$97	\$100,000	\$99,903	\$0	Noise Barrier for Hammer Mill - HRRP (24399/26)	\$100	\$100,000	\$99,900
\$0	\$50,000	\$50,000	\$0	Digital Sign (DWER Requirement) - HRRP (24399/27)	\$0	\$50,000	\$50,000
\$40,363	\$103,987	\$63,624	\$0	Purchase Wood Waste to Energy Plant & Equipment - HRRP (24410/03)	\$103,987	\$103,987	\$0
\$2,800	\$0	(\$2,800)	\$2,900	Purchase FOGO Processing Plant - Red Hill Landfill Facility (24410/10)	\$2,800	\$0	(\$2,800)
\$32,382	\$0	(\$32,382)	\$0	Regional Waste Collection Project (24410/14)	\$32,382	\$0	(\$32,382)
\$0	\$0	\$0	\$0	Purchase Information Technology & Communication Equipment - Projects (24550/02)	\$0	\$25,000	\$25,000
\$7,131,481	\$11,110,947	\$3,979,466	\$3,814,132		\$13,625,607	\$11,935,504	(\$1,690,103)

\$8,909,682	\$14,914,302	\$6,004,621	\$4,690,708	TOTAL CAPITAL EXPENDITURE	\$16,883,021	\$16,333,004	(\$550,017)
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STATEMENT OF FINANCIAL POSITION

APRIL 2022

Actual June 2021	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Current Assets						
\$5,861,145	\$2,758,632	Cash and Cash Equivalents	\$2,437,871	\$4,010,280	(\$1,572,409)	(U)
\$82,123,503	\$75,666,592	Investments	\$77,620,260	\$65,875,435	\$11,744,825	(F)
\$3,431,287	\$4,393,616	Trade and Other Receivables	\$2,987,058	\$2,987,058	\$0	(F)
\$36,424	\$2,008	Inventories	\$39,035	\$39,035	\$0	(F)
\$32,382	\$592,874	Other Assets	\$67,382	\$67,382	\$0	(F)
\$91,484,741	\$83,413,722	Total Current Assets	\$83,151,606	\$72,979,190	\$10,172,416	(F)
Current Liabilities						
\$12,624,600	\$3,277,077	Trade and Other Payables	\$6,160,299	\$6,160,299	\$0	(F)
\$1,814,744	\$1,814,744	Provisions	\$1,892,645	\$1,892,645	\$0	(F)
\$14,439,344	\$5,091,821	Total Current Liabilities	\$8,052,944	\$8,052,944	\$0	(F)
\$77,045,397	\$78,321,901	Net Current Assets	\$75,098,662	\$64,926,246	\$10,172,416	(F)
Non Current Assets						
\$47,850,000	\$47,850,257	Land	\$52,586,164	\$52,585,907	\$257	(F)
\$6,506,875	\$7,855,060	Buildings	\$19,497,050	\$16,583,375	\$2,913,675	(F)
\$21,977,142	\$22,742,485	Structures	\$29,244,884	\$30,428,680	(\$1,183,796)	(U)
\$13,136,462	\$12,737,313	Plant	\$14,500,132	\$14,867,626	(\$367,494)	(U)
\$638,147	\$587,453	Equipment	\$1,129,005	\$1,123,575	\$5,430	(F)
\$126,449	\$181,945	Furniture and Fittings	\$246,488	\$250,604	(\$4,116)	(U)
\$25,179,667	\$28,072,689	Work in Progress	\$16,476,588	\$17,536,763	(\$1,060,175)	(U)
\$115,414,742	\$120,027,202	Total Non Current Assets	\$133,680,311	\$133,376,530	\$303,781	(F)
Non Current Liabilities						
\$6,707,161	\$28,192,082	Provisions	\$31,100,854	\$9,039,362	(\$22,061,492)	(U)
\$6,707,161	\$28,192,082	Total Non Current Liabilities	\$31,100,854	\$9,039,362	(\$22,061,492)	(U)
\$185,752,978	\$170,157,021	Net Assets	\$177,678,119	\$189,263,414	(\$11,585,295)	(U)
Equity						
\$76,354,391	\$84,675,388	Accumulated Surplus/Deficit	\$82,071,742	\$84,606,081	(\$2,534,339)	(U)
\$65,953,610	\$43,327,017	Cash Backed Reserves	\$53,691,970	\$64,812,065	(\$11,120,095)	(U)
\$37,157,892	\$37,157,892	Asset Revaluation Reserve	\$37,157,892	\$35,488,596	\$1,669,296	(F)
\$6,287,085	\$4,996,724	Net change in assets from operations	\$4,756,515	\$4,356,672	\$399,843	(F)
\$185,752,978	\$170,157,021	Total Equity	\$177,678,119	\$189,263,414	(\$11,585,295)	(U)



CASH AND INVESTMENTS

APRIL 2022

Actual June 2021	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Municipal Cash and Investments						
5,857,095	2,754,582	Cash at Bank - Municipal Fund 01001/00	2,433,821	2,006,230	427,591	(F)
4,050	4,050	Cash on Hand 01019/00 - 02	4,050	4,050	0	(F)
16,046,391	32,101,761	Investments - Municipal Fund 02021/00	22,872,661	2,000,000	20,872,661	(F)
21,907,536	34,860,393	Total Municipal Cash	25,310,532	4,010,280	21,300,252	(F)
Restricted Cash and Investments						
749,821	752,474	Restricted Investments - Plant and Equipment 02022/01	1,877,760	704,819	1,172,941	(F)
2,943,263	2,953,678	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	3,442,229	6,090,227	(2,647,998)	(U)
11,460,995	11,501,550	Restricted Investments - Future Development 02022/03	22,950,099	9,086,393	13,863,706	(F)
1,349,161	1,353,935	Restricted Investments - Environmental Monitoring Red Hill 02022/04	1,623,250	2,951,545	(1,328,295)	(U)
59,639	0	Restricted Investments - Environmental Insurance Red Hill 02022/05	0	65,714	(65,714)	(U)
15,813	0	Restricted Investments - Risk Management 02022/06	0	16,002	(16,002)	(U)
600,945	603,072	Restricted Investments - Class IV Cells Red Hill 02022/07	626,916	551,046	75,870	(F)
41,177,833	18,690,637	Restricted Investments - Secondary Waste Processing 02022/09	15,107,184	37,275,373	(22,168,189)	(U)
1,158,161	1,162,259	Restricted Investments - Class III Cells 02022/10	2,383,246	2,231,556	151,690	(F)
79,842	0	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	0	80,683	(80,683)	(U)
5,325,000	5,343,843	Restricted Investments - EastLink Relocation 02022/13	5,343,168	5,325,000	18,168	(F)
123,503	166,592	Restricted Investments - Accrued Interest 02022/19	338,109	433,707	(95,598)	(U)
1,033,136	1,036,791	Restricted Investments - Long Service Leave 02022/90	1,055,638	1,063,370	(7,732)	(U)
66,077,112	43,564,831	Total Restricted Cash	54,747,599	65,875,435	(11,127,836)	(U)
87,984,648	78,425,224	TOTAL CASH AND INVESTMENTS	80,058,131	69,885,715	10,172,416	(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.

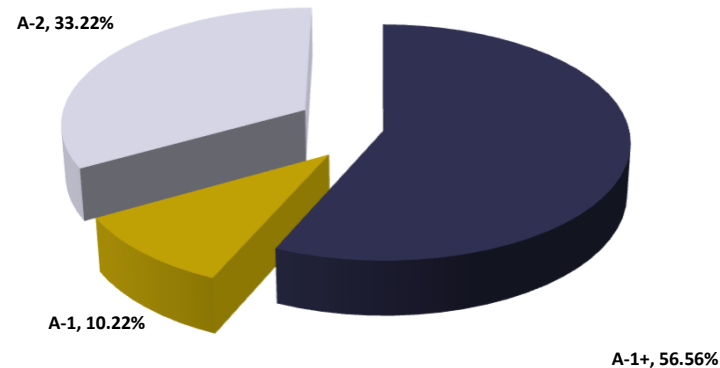
EMRC Investment Report

April 2022

I. Overall Portfolio Limits

S&P Long Term Rating	S&P Short Term Rating	Short Term % Portfolio	Investment Maximum %
AAA	A-1+	56.56%	100.00%
AA	A-1	10.22%	100.00%
BBB	A-2	33.22%	40.00%
		<u>100.00%</u>	

Investment by S&P Rating



II. Single Entity Exposure

	S&P Long Term Rating	S&P Short Term Rating	Short Term % Portfolio	
ANZ Banking Group	AA-	A-1+	2.56%	
AMP	BBB	A-2	12.78%	
NAB	AA-	A-1+	32.58%	
Westpac / St. George Bank	AA-	A-1+	18.85%	
Suncorp	A+	A-1	3.83%	*
BOQ / ME Bank	BBB+	A-2	20.45%	
Commonwealth Bank	AA-	A-1+	2.56%	
Macquarie Bank	A+	A-1	6.39%	
			<u>100.00%</u>	

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

III. Term to Maturity Framework

Investment Policy Guidelines			
Maturity Profile	% Portfolio	% Min	% Max
Less Than 1 Year	100.00%	40%	100%
Greater than 1 year & less than or equal to 3 years	0.00%	0%	60%
	<u>100.00%</u>		

IV. Fossil Fuel Divestment

	% Portfolio
Non-Fossil Fuel ADI's	3.83%
Fossil Fuel ADI's	96.17%
	<u>100.00%</u>

14.4 THE EASTERN METROPOLITAN REGIONAL COUNCIL FINAL DRAFT SUSTAINABILITY STRATEGY 2022/2023 – 2026/2027

D2022/08110

PURPOSE OF REPORT

The purpose of this report is to present to Council the final of the EMRC's draft Sustainability Strategy for the five-year period being 2022/23 – 2026/2027 (as attached), for endorsement.

KEY POINT(S)

- An initial draft Sustainability Strategy was prepared as the final step (8) of the overall Strategic Review of the EMRC undertaken by GHD.
- The draft Strategy aligned with the Strategic Review which was endorsed by Council in August 2021.
- The initial draft Sustainability Strategy was presented to Council, for noting, at its November 2021 Council meeting.
- The initial draft Strategy has now undergone a further iteration, which outlines changes in the actions which align with the Corporate Business Plan actions. The actions are outlined in the Supporting Documentation (refer to Attachment 2).
- This final version of the draft Sustainability Strategy will also help inform the mid-term review of the EMRC's 10-year Strategic Plan which will be presented to Council in the coming months.

RECOMMENDATION(S)

That Council endorses the EMRC Sustainability Strategy 2022/2023 – 2026/2027, forming the attachments to this report.

SOURCE OF REPORT

Chief Executive Officer

BACKGROUND

- 1 The EMRC undertook a Strategic Review of the organisation in 2020/2021 including workshops, presentations and reports that considered the EMRC's markets and capabilities, vision and implementation, complete with recommended activities. As a result of the Review, and to complete the final step in the process, a draft EMRC Sustainability Strategy was prepared and presented to Council for noting.
- 2 In previous years the EMRC developed individual strategies for various areas of the EMRC including, Environment, Economic Development, Transport, Advocacy but not a holistic strategy for the entire operations of the EMRC. With the Strategic Review now completed it was considered timely to embark on a whole of organisation Sustainability Strategy.

REPORT

- 3 The EMRC's approach to sustainability practices and circular economy-based initiatives were motivating factors for the Strategic Review and it is the Strategic Review which has precipitated the development of a Sustainability Strategy for the EMRC. The EMRC is also utilising the Sustainability Strategy to help inform the mid-term review of its 10 year '2017-2027 Strategic Plan which was initially developed in accordance with section 5.56(1) and (2) of the Local Government Act 1995 (the Act). The new Sustainability Strategy will greater align with the direction of the EMRC in accordance with the Strategic Review.

- 4 The Sustainability Strategy includes a set of actions to report against and these will include alignment to the United Nations Sustainable Development Goals (SDGs) ensuring not just local and national but also global alignment. These actions have also assisted in guiding the revision of the EMRC's draft Corporate Business Plan 2022/2023-2026/2027 and the mid-term review of the EMRC's Strategic Plan 2017-2027 (both of these documents are also being presented to Council for adoption during 2022).

STRATEGIC/POLICY IMPLICATIONS

- 5 Key Result Area 1 - Environmental Sustainability
- 1.1 To provide sustainable waste disposal operations
 - 1.2 To improve regional waste management
- 6 Key Result Area 3 - Good Governance
- 3.2 To manage partnerships and relationships with stakeholders
 - 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

- 7 The actions included in the draft Sustainability Strategy are accounted for in the EMRC's annual operating budget.

SUSTAINABILITY IMPLICATIONS

- 8 The EMRC final draft Sustainability Strategy 2022/2023 – 2026/2027 identified the EMRC's vision, mission and high-level direction that aligns with the sustainability of Perth's Eastern Region.

RISK MANAGEMENT

Risk The Council agreed Key Actions are not delivered in accordance with the Corporate Business Plan		
Consequence	Likelihood	Rating
Moderate	Unlikely	Moderate
Action/Strategy		
➤ Regular and ongoing reviews and quarterly updates ensure staff continue to be apprised of the deliverables and agreed actions within the draft Sustainability Strategy.		

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	As outlined in the attachment
City of Bayswater	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

1. The EMRC Draft Sustainability Strategy 2022/2023 – 2026/2027 (D2022/08111)
2. The EMRC Draft Sustainability Strategy 2022/2023 – 2026/2027 – Supporting Material (D2022/08112)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council endorses the EMRC's draft Sustainability Strategy 2022/2023 – 2026/2027, forming the attachments to this report.

COUNCIL RESOLUTION(S)

MOVED

SECONDED



Sustainability Strategy

2022/2023 - 2026/2027

Eastern Metropolitan Regional Council



A message from the EMRC's CEO



The Eastern Metropolitan Regional Council's (EMRC) Sustainability Strategy has been developed to ensure that programs and services are being delivered in alignment with the strategic priorities of EMRC's key stakeholders.

The newly adopted Sustainability Strategy is used to drive operational activities and is aligned to our priorities throughout the EMRC.

Council endorsed the EMRC Strategic Review in June 2021. This review was built on multi-stage stakeholder engagement and an understanding of the evolving waste management market in Western Australia. The Strategic Review undertaken in 2020/2021 identifies the overarching vision and goals that the EMRC Council aspires to achieve.

Sustainability is a core pillar in the EMRC's operation and through this strategy, we will continue to move forward as a leader in community change and action.

Marcus Geisler

Chief Executive Officer





Introduction

The Eastern Metropolitan Regional Council (EMRC) is a forward thinking regional local government representing the interests of five-member Councils in Perth’s Eastern Region.

Incorporated under the Local Government Act 1995, we provide strength in our partnerships with the Town of Bassendean, City of Bayswater, City of Kalamunda, City of Swan, and Shire of Mundaring to build a sustainable community for current and future generations.

- We are committed to being a leader in sustainability by:
- Defining a Sustainability Strategy, which drives forward thinking throughout Perth’s Eastern Region
 - Incorporating our sustainability vision and goals into our foundations
 - Establishing realistic targets to meet local, state, national and international sustainability objectives

This Sustainability Strategy will allow us to meet the needs of our Member Councils while providing sustainable solutions for future generations.

Strategic alignment

Our Sustainability strategy has been drafted in alignment with our strategic review, local, state, national and international drivers.

The EMRC Strategic Review

We conducted a strategic review which was endorsed by council, August 2021. The strategy identified that it should “focus on delivering waste, resource recovery and sustainability services, capitalising on its existing capabilities and infrastructure to act as an industry leader in resource recovery”.

- The objective of the strategic review is to leverage off our current operational capacity to deliver valuable services to member councils, their communities, and the Eastern Metropolitan region by:
- Delivering industry leadership focusing on resource recovery aspects of a circular economy through physical infrastructure and support services
 - Participation in industrial programs to create a symbiosis between waste and material streams regionally and optimise resource recovery
 - Providing shared services for member councils in urban environmental management, and waste education
 - Achieving net zero carbon by 2040 (e.g., renewable alternatives at waste processing facilities)

National and state drivers

Historically, cheap fossil fuels, low-cost landfill, a perceived abundance of space, and a commercial sector that has often lobbied against sustainability focussed legislation, has influenced the development of the waste management landscape. This has led to unsustainable waste management, both locally and nationally, with significant tonnages of waste landfilled and limited resource recovery initiatives when compared with other regions.

With a shift in national and state policy, we have created this Sustainability Strategy to respond to this shift. The key national and state drivers integrated into the strategy are:

- **Western Australian Climate Policy** – Our Sustainability Strategy embraces the state objective of enhancing climate resilience and transitioning to low carbon emissions. We are contributing to these overall objectives through initiatives in building a resilient Eastern Metropolitan region, reducing our carbon emissions and providing circular solutions for government leadership initiatives.
- **Waste Avoidance and Resource Recovery Strategy 2030** – Through our waste management and resource recovery services, we are well positioned to drive the change required to support the achievement of each strategic target outlined in the strategy. Our detailed action plan will provide the mechanisms to avoid, recover and protect through environmentally focused waste management solutions and circular economy leadership
- **2018 National Waste Policy** – Similar to Western Australia’s Waste strategy, this policy focuses on circular economy initiatives such as supporting investment in infrastructure, circular economy-related innovation, market development, behavioral change programs and physical waste recovery/recycling facilities. Our Sustainability Strategy has circular economy initiatives at the core of future decision making to drive change from the ground up. Each of our objectives have integrated circular economy-based principles and are supported by our detailed action plan.

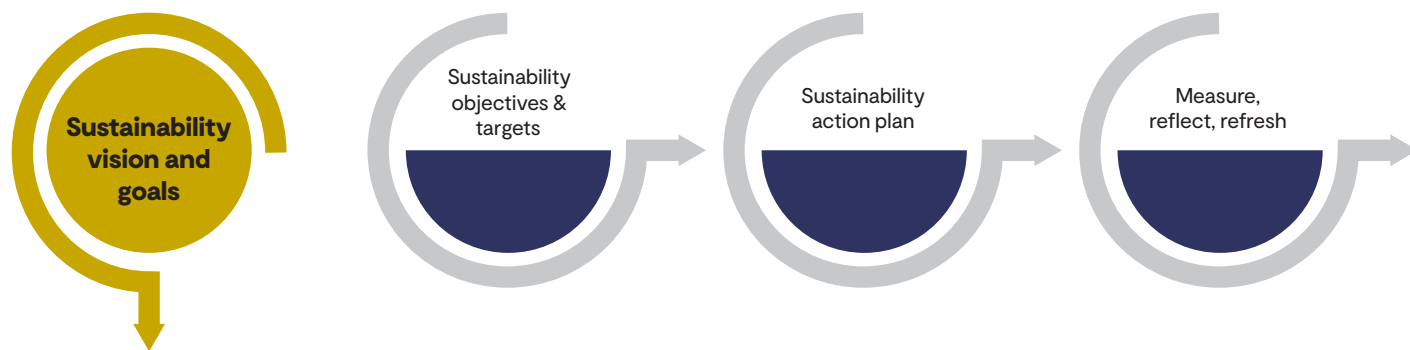
Other national and state policies considered during the formation of this Sustainability Strategy include:

- Waste Avoidance and Resource Recovery Strategy Action Plan 2030 (WA)
- National Waste Policy Action Plan (2019)
- Action Plan for Sustainable Procurement (2020)
- Australian Government Waste and Recycling Reduction Bill (2020)
- COAG Waste Export Ban (2020)
- CSIRO National Circular Economy Roadmap for plastics, glass, paper and tyres (2021)
- National Plastics Plan (2021)
- National Soil Strategy Australia (2021)
- CSIRO - Circular Economy: a CSIRO roadmap to unlock future growth opportunities

United Nations Sustainable Development Goals

The United Nations Sustainable Development Goals (SDGs) provide an international framework for consideration of sustainability matters. This international standard is agreed to and endorsed by the Australian Government, with numerous examples of the SDGs being applied to national and state strategies. Accordingly, we have aligned aspects of our Sustainability Strategy with the SDGs where possible.

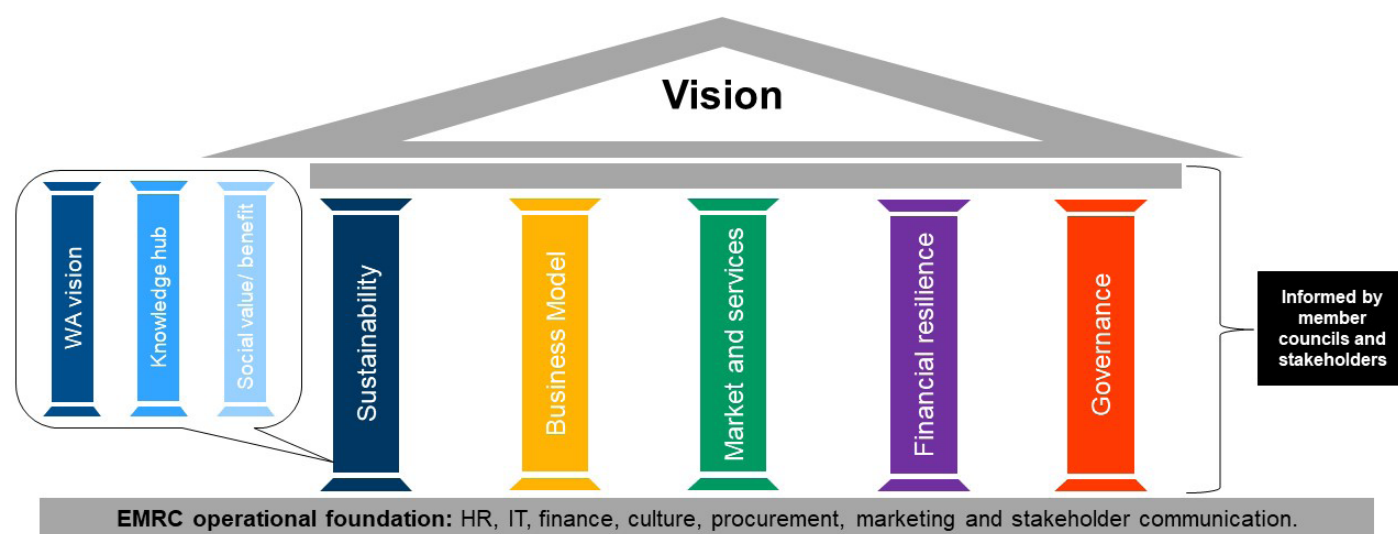




In 2020/2021 we undertook an organisational strategic review, which addressed forecasted significant changes in the waste management market and sought to realign our core business operations. This review identified five strategic pillars that are intertwined with our operational foundations. Our Sustainability Strategy directly links with the outcomes of this strategic review, focusing on the first pillar, sustainability:

Our Strategic Vision

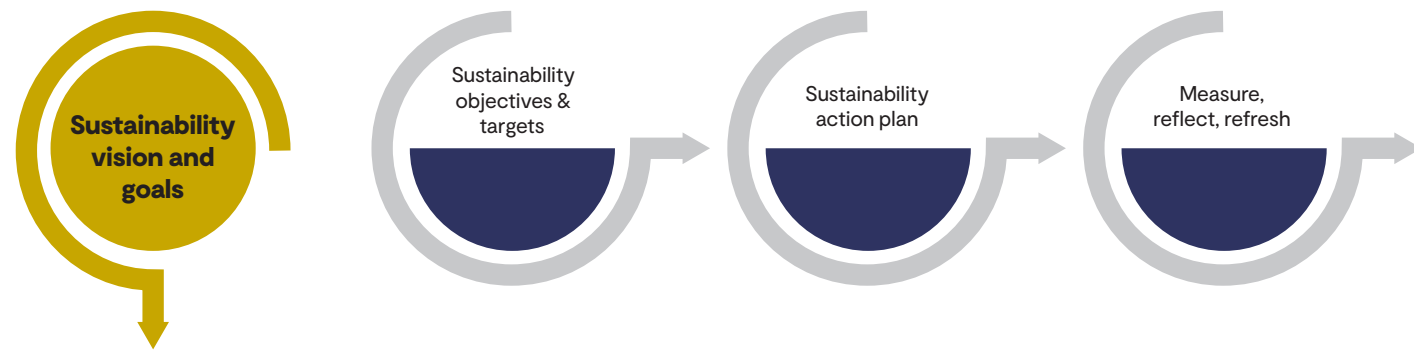
The EMRC focuses on delivering waste, resource recovery and sustainability services, capitalising on its existing capabilities and infrastructure to act as an industry leader.



Our Sustainability Vision

“Promoting sustainable waste management and a transition to a circular economy”





To support our sustainability vision, four goals have been identified by reviewing previous organisational sustainability activities and to align with the goals set out in the Strategic Review. These goals will be used to develop specific objectives and targets for measurement of performance moving forward.

Demonstrate circular economy leadership:

We will use our experience to provide circular based resource recovery solutions for Perth's Eastern Region and act as a knowledge hub for waste avoidance strategies.

Respond to a climate emergency:

We will reduce our carbon impacts to achieve net zero and understand the risks associated with climate change to Perth's Eastern Region.

Reduce our environmental impact:

We will lead by example by reducing our environmental impacts through efficient operations, forward thinking, and supporting circular and sustainability initiatives in the region.

Create value in the community:

We will establish and support projects in the community that create social value from a residential level through to commercial levels.



Our objectives and targets



Through a workshop with key internal leaders and stakeholders, five areas of influence were identified as being in alignment with the United Nations Sustainable Development Goals (SDGs). These areas of influence were chosen with representation from each of the four business groups and all five members of the executive leadership team.

1 NO POVERTY

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

14 LIFE BELOW WATER

15 LIFE ON LAND

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS

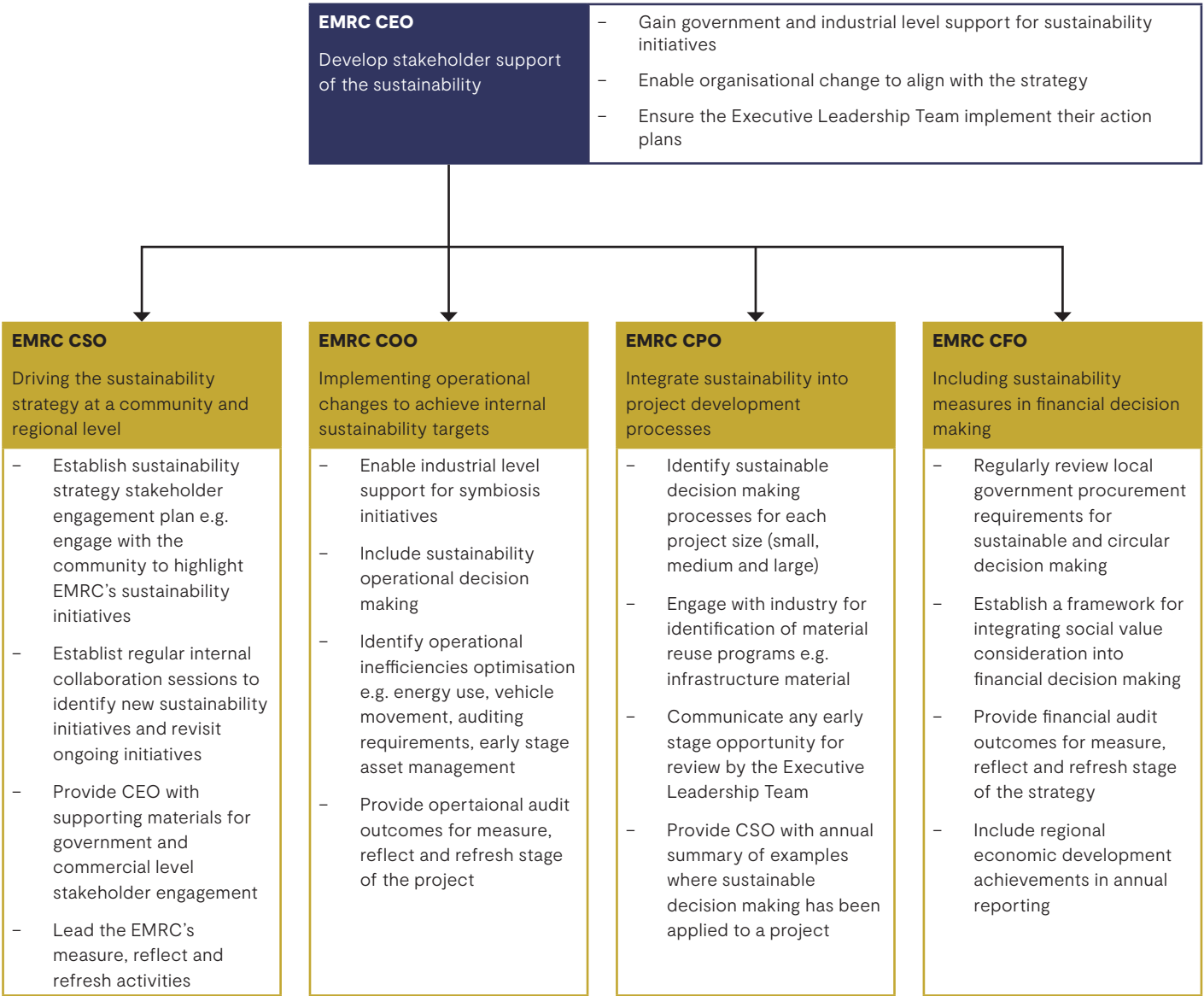
To support our four goals and leverage off these areas of influence, twelve sustainability targets have been identified as shown by our circular sustainability model:

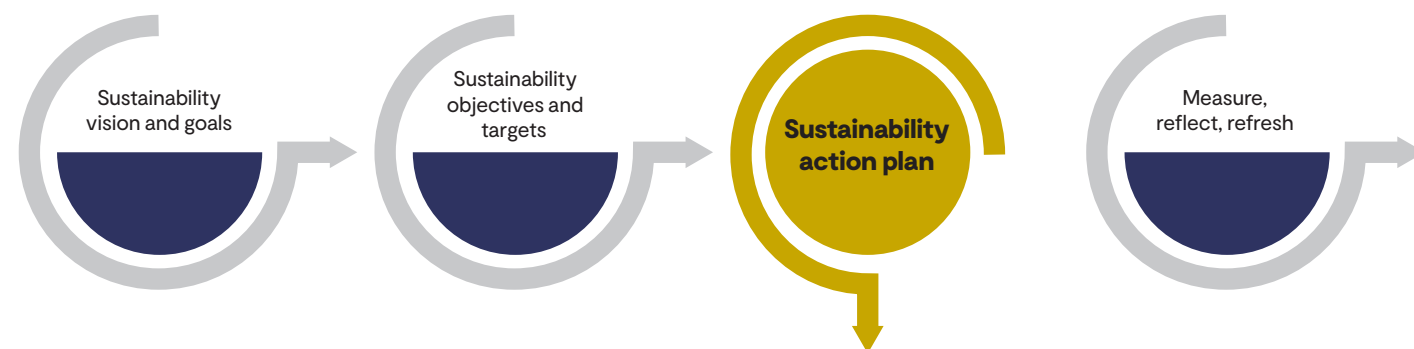
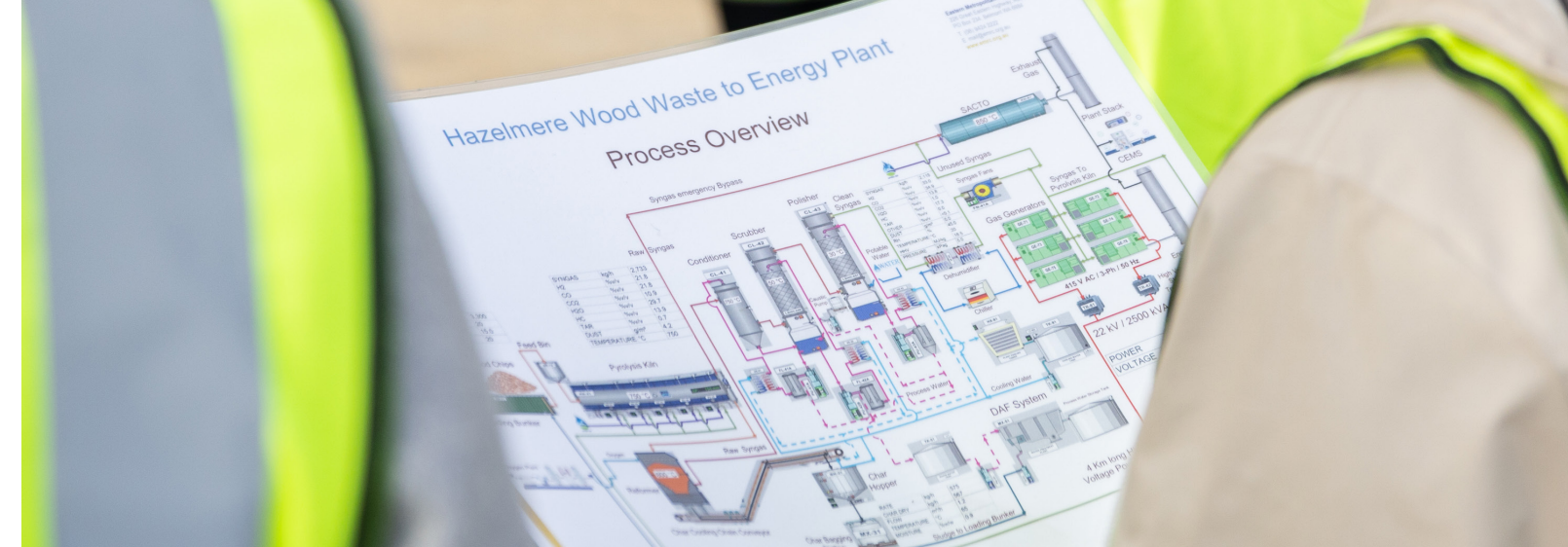


Demonstrate circular economy leadership: We will use our experience to provide circular based resource recovery solutions for Perth's Eastern Region and act as a knowledge hub for waste avoidance strategies.	Respond to a climate emergency: We will reduce our carbon impact to achieve below net zero and understand the risks associated with climate change to Perth's Eastern Region.	Create value in the community: We will establish and support projects in the community that create social value from a residential level through to a commercial level.	Reduce our environmental impact We will lead by example by reducing our environmental impact through efficient operations, forward thinking and supporting circular based initiatives.
Enabling circular economy initiatives through advocacy networks by 2025 	Infrastructure adaptation and education by 2030 	Community based source separation initiatives by 2027 	Regional urban programs implemented
80% recovery of waste generated in the region by 2030 	Below zero carbon emissions by 2040 	Use of recovered material in the region by 2040 	Contribute to a decrease in illegal waste disposal by 2040
Recover 80% of material generated at all EMRC operated sites by 2040 	Sustainability integrated into management processes 	Increased participation in behavior change programs 	Revise EMRC wide environmental management system

Executive Leadership Team Sustainability Key Objectives

Sustainability initiatives will be integrated across the each of our five teams: CEO; operations; projects; business; and sustainability. The Executive Leadership Team have our own objectives dependant on our operational function and delivery services. Each of these objectives will be achieved through a business group specific action plan dependant on our operational function and delivery projects:





For our team to achieve each of the objectives and targets listed, a detailed action plan has been established with responsibilities being allocated to each of the Executive Leadership Team members for delegation where appropriate. This detailed action plan was aligned with our strategic risk register and prioritised as follows:

- Low – will assist in progressing towards the Sustainability Strategy goals and objectives but is not a core requirement
- Medium – important action to achieve high priority actions or will provide direct support in achieving sustainability goals
- High – required to achieve sustainability goals and objectives or interdependent to achieve other actions listed

Each of the high priority actions have been summarised below



- Map the our stakeholders and areas of influence and impact to develop a targeted engagement plan
- Create an industry engagement plan to establish support for symbiosis initiatives including regional transport and economic development plans
- Map an alignment strategy between each of our advocacy program and partnership for identification of future circular economy initiatives



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- Create an industry engagement plan to establish support for symbiosis initiatives including regional transport and economic development plans
- Map an alignment strategy between each of our advocacy program and partnership for identification of future circular economy initiatives



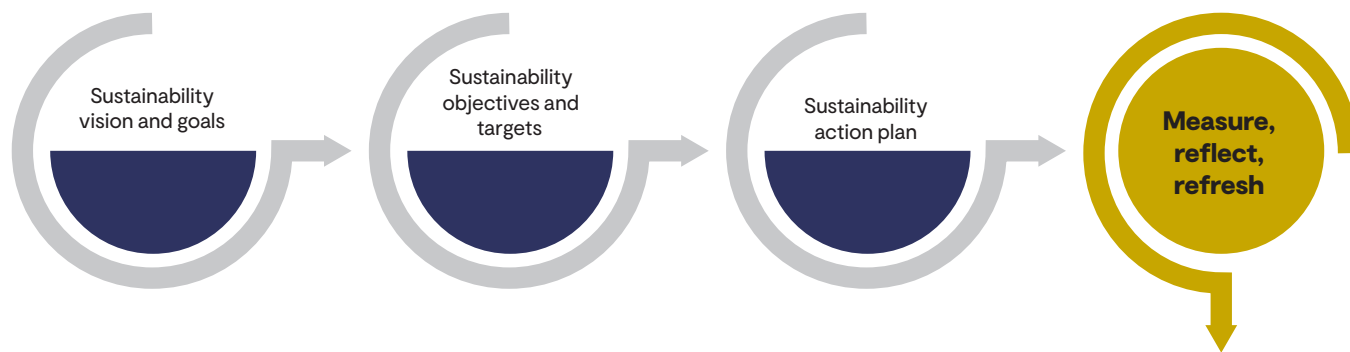
- Define what “illegal waste disposal” means to the us i.e. on privately or publicly owned land, types of dumped materials
- Update compliance monitoring, reporting and review process integration with operations and project development



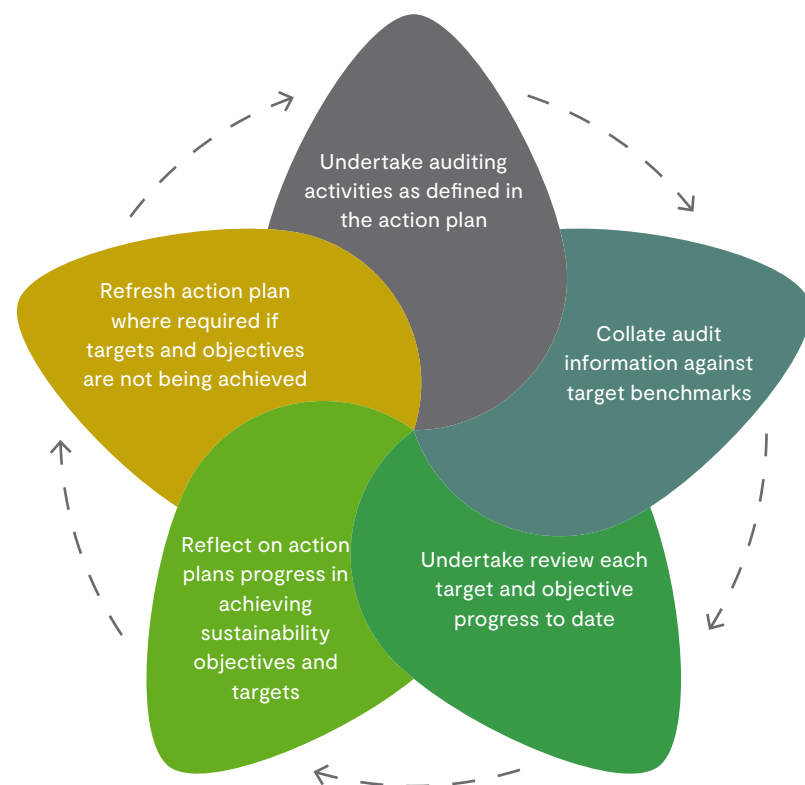
- Establish a Sustainability Strategy stakeholder engagement plan e.g. engage with the community to highlight in our sustainability initiatives
- Map a framework for integrating social value consideration into financial decision making
- Establish a community recycling and reuse network for exchange of products, reuse initiatives, repair cafes and identification of regional synergies



Closing remarks



Our Sustainability Strategy requires regular review to establish if the objectives and targets are being met. To achieve this, each target requires a baseline to measure against such that we can reflect and refresh accordingly. The first stage of implementation will be to establish a baseline of measurement for each sustainability objective and target. This baseline should be reviewed quarterly in alignment with the Corporate Business Plan and the our Strategic Plan 2017–2027 alignment with the following process:



We are striving to *transform Perth's Eastern Region through sustainable waste management, behaviour change and circular economy leadership* with a detailed sustainability action plan and continual self-improvement process. At the EMRC, we value the importance of sustainable decision making and benefits of creating a Sustainability Strategy that is ambitious, yet achievable.

Our Sustainability Strategy can provide benefits such as:

- Reducing environmental impact and carbon footprint to address declarations of a climate emergency
- Increase competitiveness in the waste management market to drive circular economy-based initiatives
- Reducing risk and liabilities through future proofing the business for changes in the market
- Improving value to Member Councils and Perth's Eastern Region
- Improving company culture and work environment

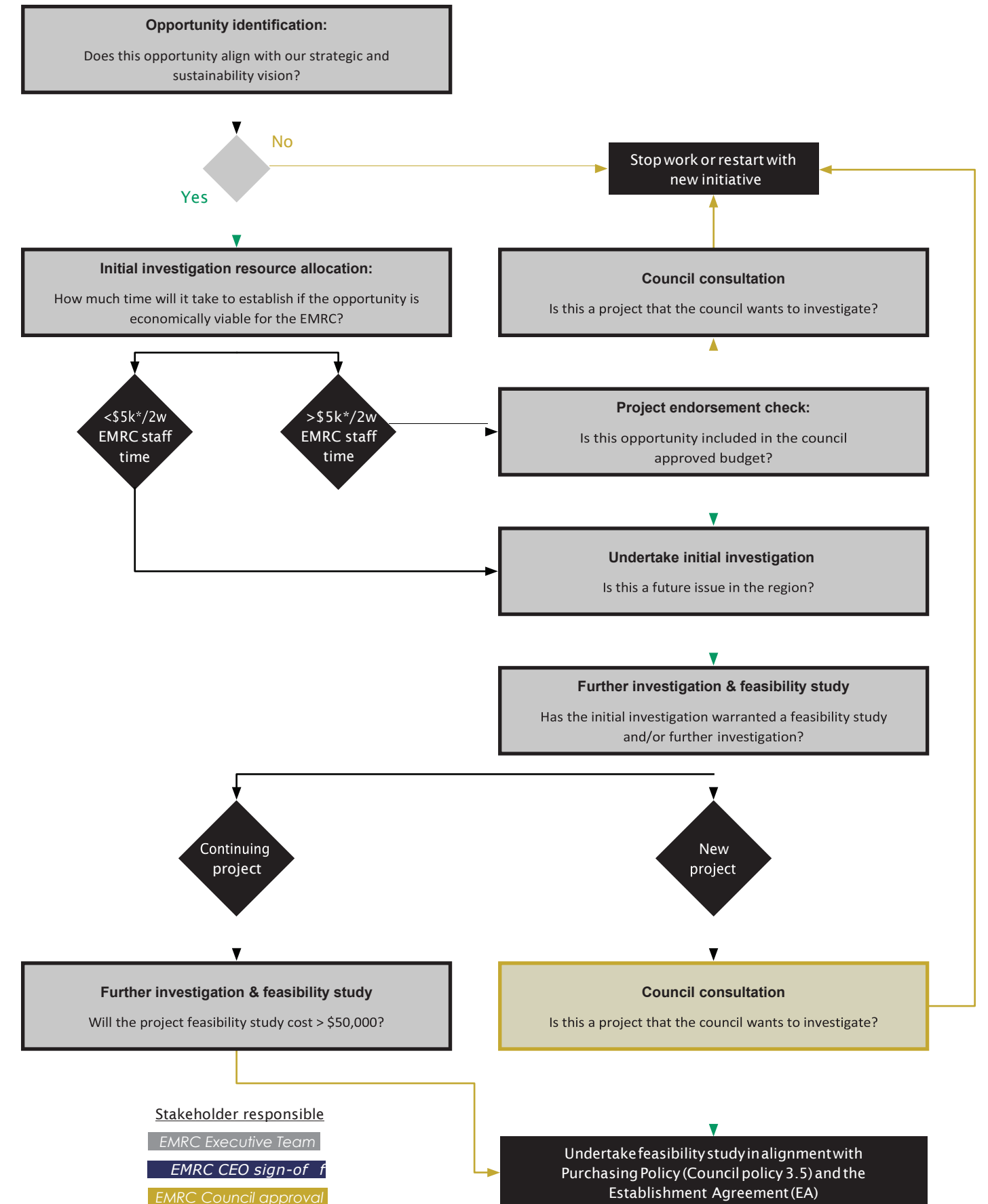
This sustainability strategy will allow the EMRC to meet the needs of region and sustainable solutions for future generations. So together let's,

***Think forward,
Act now!***

Other supporting information



Sustainability project decision making flowchart



*monetary values can be contracted out to consultants or spent internally as approved by the CSO and CFO

Detailed action plan

The detailed action plan has been established to support each of the Executive Leadership Team in achieving our objectives presented in Section 3. The detailed action plan has been modelled to assist in reducing the following strategic risks to within our risk appetite:

- SR – 3 Ineffective Operational Reporting (timely and relevant)
 - Addressed through auditing and review actions
- SR – 5 Legacy issues restricting innovation and performance
 - Decision making framework and approvals process
- SR – 6 Under/poor performance
 - Cultural alignment with sustainability objectives and motivating factors
- SR – 7 Reduced Grant Funding
 - Innovative circular economy initiatives better aligned with state and national strategies
- SR – 12 By-passing established Tender or Procurement procedures
 - Decision making framework and approvals process
- SR – 14 Poor Stakeholder Engagement
 - Detailed stakeholder engagement plan for each of the four objectives
- SR – 15 By-passing established administrative (non-financial) procedures
 - Decision making framework and approvals process
- SR – 20 Lack of interest from Member Councils regarding Sustainability Programs
 - Council alignment and endorsement with sustainability objectives and motivating factors

Each of the actions listed are to be allocated to an individual employee for monitoring and reviewed annually by the Executive Team lead to ensure it is adequately being addressed.

The actions have been linked to each of our twelve targets and prioritised as low, medium or high depending on the impact on each sustainability goal.

- Low – Will assist in progressing towards the Sustainability Strategy goals and objectives but is not a core requirement
- Medium – important action to achieve high priority actions or will provide direct support in achieving sustainability goals
- High – required to achieve sustainability goals and objectives or interdependent to achieve other actions listed



We will use our experience to provide circular based resource recovery solutions for Perth’s Eastern Region and act as a knowledge hub for waste avoidance strategies.

Target	Action	Responsible Team	Priority
Enabling circular economy initiatives through advocacy networks by 2025	Map stakeholders and areas of influence and impact to develop a targeted engagement plan (e.g. member councils, commercial waste stream, government policy drivers).	CEO	High
	Facilitate regular industry-based and community-based advocacy meetings to discuss and identify new circular economy and net zero ventures and opportunities	Sustainability	High
	Create strategic partnerships and alliances to achieve positive outcomes for the region and beyond, create resilience and secure funding (where relevant)	CEO	High
	Map alignment and circularity gaps between advocacy programs and partnerships for identification of future circular economy initiatives including sustainable transport	CEO	Medium
80% resource recovery of waste generated in the region by 2030	Develop a resource flow model for the EMRC and its member councils. The model could focus only on waste or expand into other materials such as water, energy, and carbon	CEO	Medium
	Enable sales model for use of recovered material in each member council areas	Operations	Medium
	Establish and provide member councils with waste and recycling guides. This should include the integration of FOGO waste guides	Sustainability	Medium
	Determine a high-value use for the existing C&I processing building at Hazelmere RRP	Operations	Medium
80% reuse of material at all EMRC operated sites by 2040	Map current our waste production profile for benchmarking (as an organisation) and align with the EMRC's FOGO Strategy where applicable.	CEO	High
	Regularly review and implement initiatives in line with the Red Hill and Hazelmere Development Plans	Projects	High
	Develop, facilitate and participate in, regional waste education and resource reuse steering groups	Sustainability	Medium
	Regularly review local government procurement guidelines and processes for sustainable decision making	Business	Medium
	Regularly review local government sales requirements for sustainable decision making	Operations	Medium
	Identify and facilitate supply chain awareness for product production e.g. FOGO products, woodchips, construction materials	Operations	Medium



Respond to a climate emergency

We will reduce carbon impacts to achieve net zero and understand the risks associated with climate change to Perth's Eastern Region.

Target	Action	Responsible team	Priority
Infrastructure adaptation and education by 2030	Undertake asset management assessment and long term financial planning for all EMRC owned infrastructure	Business	Medium
	Identify and evaluate land-use options at EMRC owned sites to maximise future resource recovery programs.	Projects	Medium
Below zero carbon emissions by 2040	Map and benchmark energy usage and consumption rates on all sites e.g. energy use, vehicle fuel consumption, auditing requirements, early stage asset management	Operations	Medium
	Establish a decarbonisation plan to achieve "Below zero emissions by 2040" target. This should include consideration of decarbonisation project ideas presented in the strategic review e.g. opportunities for onsite use or export of heat energy for value- adding processes or sale to surrounding industrial businesses, electric fleet procurement	CEO	High
	Complete Annual Energy and Emission Data Analysis Report and Snapshot for goal tracking. This is to be included in the SDG annual report card	Sustainability	Medium
Sustainability integrated into management processes	Establish a decision-making framework to include sustainability for operational and capital expenditure	Operations	High
	Include sustainable decision-making frameworks in procurement templates, evaluation and processes of all projects	Business	Medium
	Review projects quarterly to identify examples where sustainable decision making has been applied to a project. This should include the identification of design engineering for front-end material reuse programs	Projects	Medium
	Create a sustainability performance review for each team and identify sustainability criteria for environmental, social, governance (ESG) decision making	CEO	High
	Establish regular internal collaboration sessions to identify new sustainability initiatives and revisit ongoing initiatives.	Sustainability	Medium

Reduce our environmental impact

We will lead by example by reducing environmental impacts through efficient operations, forward thinking, and supporting circular and sustainability initiatives in the region.

Target	Action	Responsible team	Priority
Regional Urban programs implemented	Maintain programs related to sustainability goals and review in participating Councils' annual programs reports	Sustainability	Medium
	Review and complete annual water plans in alignment with Waterwise Council Accreditations	Sustainability	Medium
	Facilitate and/or participate in industry-based and community-based advocacy meetings to discuss, identify and prioritise new, or ongoing, circular economy, net zero and sustainability regional programs	Sustainability	Medium
Contribute to a decrease in illegal waste disposal by 2040	Establish campaigns to create a recover, reuse, recycle, return, repair and drop-off culture to increase recovery rates and combat illegal dumping	Sustainability	Medium
	Establish programs for acceptance of construction and demolition waste e.g. bricks, timber, sand, soil, concrete and other resource recovery initiatives	Projects	Medium
EMRC wide environmental management system	Review and develop a framework the EMRC will use going forward in terms of its Environmental Management System Framework i.e. in alignment or accredited with ISO14001 or equivalent	Projects	High
	Establish compliance monitoring, reporting and review processes in alignment with the EMRC's Environmental Management System (e.g. NGERS, NPI)	Projects	High



Create value
in the
community

We will establish and support projects in the community that create social value from a residential level through to commercial levels.

Target	Action	Responsible team	Priority
Community based source separation initiatives by 2027	Establish community engagement initiatives for source separation opportunities including education hubs, school programs, community group support and bin tagging	Sustainability	Medium
	Utilise current community programs to provide education on material re-use and issues regarding poor source separation	Sustainability	Medium
	Use the proposed collection fleet and other EMRC owned assets as educational billboard for source separation education and requirements	Operations	Medium
	Establish verge collection and shared valet service programs. This includes a waste classification program for different materials and costings.	Operations	High
Use of recovered material in the region by 2040	Establish reward and incentive systems dependent on company sustainability rating to encourage better waste management in the region	CEO	Medium
	Continue to establish community recycling and reuse networks for exchange of products, reuse and repair initiatives and identification of regional synergies	Operations	High
	Identify member council uses for recovered materials e.g. woodchip mulching, FOGO fertiliser products, construction materials, road surfacing, energy reuse	Operations	Medium
	Provide education for waste solutions that are in line with WA Waste Strategy and waste hierarchy.	Sustainability	High
Increased participation in behaviour change programs	Benchmark and monitor participation rates in EMRC sustainability programs	Sustainability	Medium
	Establish a Sustainability Strategy stakeholder engagement plan	Sustainability	Medium



Materiality Assessment

At a local and regional government level, action planning to contribute to achieve each of the SDGs is restricted by their areas of influence and context. These areas of influence were identified through a sustainability framing workshop followed by a desktop materiality assessment of our current programs and services.

A materiality assessment is an important stage in the development of a Sustainability Strategy as it assists in identifying priority areas and actionable activities.

The sustainability framing workshop was undertaken on Wednesday 22 September 2021 in the Ascot administration building. The workshop was facilitated by an external consultant and included all members of the Executive Leadership Team and selected supporting staff. This allowed for representation of each of the EMRC’s business groups to identify the sustainability themes deemed most important to EMRC staff.

The workshop was designed to create alignment between the business groups and work through any misconceptions associated with the role of sustainability in an organisation. This was achieved through the following process:

- **Introduction:** The workshop commenced with a discussion about sustainability drivers, national and international initiatives, and the importance of establishing a robust Sustainability Strategy to achieve the strategic vision.
- **Divergent thinking exercise:** Each of the workshop participants then spent some time identifying personal and our specific sustainability themes before aligning them with each of the 17 SDGs. This process helped to highlight the range of motivating themes across the organisation and challenge the outcomes captured during the Strategic Review. It also created a visual representation of which of the UNSDG’s are most important to the us as an organisation. The weighting and range of themes were then discussed at length to gain alignment between the workshop participants as to which areas we have the most influence.
- **Workshop relevance and industry alignment:** The facilitator then initiated a discussion around the sustainability drivers, global goals and targets and best practice guidance for a local government association. Case studies such as the City of Melbourne were used to demonstrate what best practice alignment to the UNSDG’s can look like and illustrated incorporation of the goals into our strategic planning.
- **Sustainable problem solving:** Workshop participants were split into three groups to explore WA’s rapidly growing end of life solar panel disposal issue. Working separately, each group discussed the sustainability issue with respect to the opportunity the panels provides, how they could tap into the market, identifying any existing infrastructure they can utilise or adapt and establishing the best approach to minimising this issue in the future. The responses of each group fed into a group discussion to determine the viability of the proposed solutions. Following the discussion, case studies were presented to the group to illustrate technologies and processes adopted by organisations who are leaders in this area such as the ELSi Project in Europe and Lotus Energy in Melbourne.
- **Drivers and vision mapping:** A group discussion was facilitated to begin developing new sustainability goals and objectives. With our key areas of influence as reference, input from all workshop participants was used to reach a consensus regarding what key areas the we should focus on going forward. This included high level idea generation regarding operational barriers and risks associated with the implementation of each goal.

Following the workshop, each of the SDG’s to identify goals that could be influenced by our operations and assess which areas are of material concern. The outcomes of the workshop themes identified and desktop materiality assessment Table 1 which identified the key priority areas for us going forward.

Table 1 Desktop materiality assessment and areas of influence identification

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 1: End poverty in all its forms everywhere</p> <p>By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions.</p> <p>By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of 13 property, inheritance, natural resources, appropriate new technology and financial services, including micro-finance.</p>	No Notes	<p>Tertiary priority as there is no current ability for the EMRC to support or influence this SDG directly.</p> <p>The EMRC currently does not have any programs or initiatives that contribute directly to ending poverty, and as recognised in the workshop there were no driving factors or identification of this goal as an area of interest.</p>
<p>Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</p> <p>By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment</p> <p>By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality</p>	<ul style="list-style-type: none"> No food waste Food for all 	<p>Tertiary priority as the EMRC currently does not have any programs or initiatives that contribute directly to Goal 2, and as recognised in the workshop there were limited driving factors or identification of this goal as an area of interest.</p> <p>However, the EMRC does indirectly contribute to Goal 2 through initiatives such as the FOGO program. FOGO provides a solution to food waste as and produces a natural fertiliser which reduces the use of organic fertilisers and therefore contributing to sustainable agriculture by promoting resilient agricultural practices and helping to maintain ecosystems.</p> <p>Additionally, the EMRC's wood chipping and mulching services also contribute to sustainable agriculture by improving land and soil quality to strengthen capacity for adaption to climate change.</p>
<p>Goal 3: Ensure healthy lives and promote well-being for all at all ages</p> <p>By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being</p> <p>By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination</p>	<ul style="list-style-type: none"> Community engagement 	<p>Tertiary consideration with no direct actions associated with this goal.</p> <p>The EMRC currently does not have any programs or initiatives that contribute directly to Goal 3, and as recognised in the workshop there were very limited driving factors or identification of this goal as an area of interest.</p> <p>However, through their landfill and waste processing services where the EMRC disposes and contains this waste and therefore reducing its presence in the environment and ultimately human interaction, the EMRC is indirectly contributing to Goal 4 by aligning with the target that states to reduce the number of deaths and illnesses from hazardous chemicals in the air, water and soil pollution and contamination.</p>

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship</p> <p>By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development</p>	<ul style="list-style-type: none"> • Circular economy school programs • Sustainability communications programs 	<p>Secondary consideration with no direct actions associated with this goal.</p> <p>The EMRC currently does not have any programs or initiatives that contribute directly to Goal 4, and as recognised in the workshop there were limited driving factors or identification of this goal as a key area of interest. However, with a transition to a circular economy, EMRC will introduce new education and training initiatives to promote overall sustainable development.</p> <p>The EMRC will however contribute indirectly to this goal through the upskilling of their workforce required to implement new sustainability initiatives, and through the support of community behaviour change programs which will improve knowledge and skills pertaining to living a more sustainable lifestyle.</p>
<p>Goal 5: Achieve gender equality and empower all women and girls</p> <p>Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life</p>	<p>No Notes</p>	<p>This is a tertiary priority as there is no current ability for the EMRC to influence this UNSDG at a community level but there is potential to integrate this at an organisational level.</p> <p>The EMRC currently does not have any programs or initiatives that contribute directly to Goal 5, and as recognised in the workshop there were no driving factors or identification of this goal as an area of interest.</p>
<p>Goal 6: Ensure availability and sustainable management of water and sanitation for all</p> <p>By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</p> <p>Support and strengthen the participation of local communities in improving water and sanitation management</p>	<ul style="list-style-type: none"> • Providing safe and continuous drinking water • Preserve our waterways • Water conservation • Contaminated waste remediation & management 	<p>This is a secondary priority that will be supported through the 5 areas of influence.</p> <p>As recognised in the workshop, Goal 6 had multiple driving factors and was identified as a potential key area of interest. However, due to the more direct relationship between current EMRC programs and initiatives to other SDG's, Goal 6 has been identified as a secondary consideration that will be supported and contributed to through the 5 key areas of influence.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 6 include: Water Sensitive Futures program (including Waterwise Council Accreditation)</p>

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all</p> <p>By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology</p>	<ul style="list-style-type: none"> Renewable energy e.g. solar Water recycling Energy efficiency Electrification (EV's, building, etc) 	<p>This is a secondary priority that will be supported through the 5 areas of influence.</p> <p>As recognised in the workshop, Goal 7 had multiple driving factors and was identified as a potential key area of interest. However, due to the more direct relationship between current EMRC programs and initiatives to other UNSDG's, Goal 7 has been deemed a secondary consideration that will be supported and contributed to through the 5 key areas of influence.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 7 include their landfill gas capture system, wood waste to energy facility and regional energy benchmarking studies.</p>
<p>Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors</p> <p>Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead</p> <p>By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</p>	<ul style="list-style-type: none"> Financial stability 	<p>Secondary priority that will be supported through the 5 areas of influence.</p> <p>As recognised in the workshop, Goal 8 had very limited driving factors and identification as an area of interest. However, Goal 8 has been deemed a secondary consideration that will be supported and contributed to through the 5 key areas of influence.</p> <p>The EMRC does directly contribute to Goal 8 through their employment of at risk or with a pre-established physical or mental disability at their operational facilities.</p>
<p>Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation</p> <p>Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all</p> <p>By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p>	<ul style="list-style-type: none"> Best practice operations Economic financial sustainability Lead by example in terms of sustainability regardless of cost Continue to provide environmentally sustainable waste management solutions Transforming transport: healthy streets, hydrogen vehicles, walking or cycling 	<p>Primary: Area of influence</p> <p>As recognised in the workshop, there were several driving factors identified as contributory to Goal 9 and thus highlighting it as a key area of influence for the EMRC.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 9 include: Urban Integrated Development</p>
<p>Goal 10: Reduce inequality within and among countries</p>	<p>No notes</p>	<p>The EMRC currently does not have any and hence this is considered a tertiary priority.</p> <p>Their current programs and initiatives that contribute directly to Goal 10, and as recognised in the workshop there were no driving factors or identification of this goal as a key area of interest.</p>

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons</p> <p>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</p> <p>By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</p>	<ul style="list-style-type: none"> • FOGO • Environment and urban development • Green spaces • Energy (Solar & self-sustainable properties) • No plastics • Green buildings – green walls • Active transport • Zero waste by: trading textiles, reusing equipment or household goods “buy nothing” • Move away from landfill 	<p>Primary: Area of influence</p> <p>As recognised in the workshop, there were several driving factors identified as contributory to Goal 11 and thus highlighting it as a key area of influence for the EMRC.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 11 include: Achieving Carbon Emission Reduction (ACER) Program, Benchmarking Building Efficiency (BBE), Urban Integrated Development and Waste Education Services</p>
<p>Goal 12: Ensure sustainable consumption and production patterns</p> <p>By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses</p> <p>By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment</p> <p>By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse</p> <p>Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle</p> <p>Promote public procurement practices that are sustainable, in accordance with national policies and priorities</p>	<ul style="list-style-type: none"> • Investigate more re-use in our waste management practices • Circular economy • Illegal dumping and litter • Minimize waste • Mandatory recycled content in all products • Regenerative farming • Leaving a legacy for generation – a world they can live in • Eliminate use of single use plastics and other materials • Re-use what we produce • Green travel • FOGO low contamination through resident engagement 	<p>Primary: Area of influence</p> <p>As recognised in the workshop, there were several driving factors identified as contributory to Goal 12 and thus highlighting it as a key area of influence for the EMRC.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 12 include: Circular and Economic Development and Waste Education Services</p>

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 13: Take urgent action to combat climate change and its impacts</p> <p>Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p>	<ul style="list-style-type: none"> Increased fires impacting RHWMF operations Waste recovery Zero waste Openness to change leading to sustainable outcomes Materials recovery FOGO Policy and action planning Clean environment Reducing community waste Urban heat generation – impact on people and the environment 	<p>Primary: Area of influence</p> <p>As recognised in the workshop, there were several driving factors identified as contributory to Goal 13 and thus highlighting it as a key area of influence for the EMRC.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 13 include: Achieving Carbon Emission Reduction (ACER) Program and Waste Education Services</p>
<p>Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</p> <p>By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution</p>	<ul style="list-style-type: none"> Waterways and river conservation in the eastern region 	<p>This is a tertiary priority as there is no current ability for the EMRC to influence this UNSDG. As recognised in the workshop, Goal 14 had very limited driving factors and identification as an area of interest. However, Goal 14 will be indirectly supported and contributed to through the 5 key areas of influence.</p> <p>Programs and initiatives implemented by the EMRC that directly contribute to Goal 14 include: Water Sensitive Futures program (including Waterwise Council Accreditation)</p>
<p>Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</p> <p>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</p> <p>Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed</p> <p>By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts</p>	<ul style="list-style-type: none"> Biodiversity Conservation Rehabilitation Regreening agriculture – tree planting Leave a good environment for future generations Parks and recreation – community gardens Fire management in bushfire areas Family Climate change – fire & water People management and workplace sustainability 	<p>Secondary consideration that will be supported through the 5 areas of influence.</p> <p>As recognised in the workshop, Goal 15 had several driving factors and was identified as a potential key area of interest. However, due to the more direct relationship between current EMRC programs and initiatives to other SDG's, Goal 15 has been identified as a secondary consideration that will be supported and contributed to through the 5 key areas of influence.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 15 include: Waste Education Services focusing on Waste Plans</p>

UNSDG and relevant targets	Workshop themes and discussion areas	Materiality assessment (by external consultant)
<p>Goal 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</p> <p>Develop effective, accountable and transparent institutions at all levels.</p> <p>Ensure responsive, inclusive, participatory and representative decision-making at all levels.</p> <p>Promote and enforce non-discriminatory laws and policies for sustainable development.</p>	<ul style="list-style-type: none"> Shift thinking and culture away from short-term profit to long term sustainability and material reuse initiatives 	<p>Secondary consideration that will be supported through the 5 areas of influence.</p> <p>As recognised in the workshop, Goal 16 had very limited driving factors and identification as an area of interest. However, Goal 16 has been identified as a secondary consideration and will be supported and contributed to through the 5 key areas of influence.</p>
<p>Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development</p> <p>Mobilize additional financial resources for developing countries from multiple sources</p> <p>Enhance global macroeconomic stability, including through policy coordination and policy coherence</p> <p>Enhance policy coherence for sustainable development</p> <p>Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships Data, monitoring and accountability</p>	<ul style="list-style-type: none"> Leadership Waste education Other 'green' energy alternatives e.g. Solar + wind farms Community involvement Partnerships and better ways of working Knowledge hub to inform and connect Innovative solutions that are accountable 	<p>Area of influence</p> <p>As recognised in the workshop, there were several driving factors identified as contributory to Goal 17 and thus highlighting it as a key area of influence for the EMRC.</p> <p>Current programs and initiatives implemented by the EMRC that directly contribute to Goal 13 include: Urban Sustainability Assessment Programs (USAP), Urban Integrated Development, Waste Education Services (including advisory groups)</p>

14.5 CHIEF EXECUTIVE OFFICER ATTENDANCE AT AUSTRALIAN ORGANICS RECYCLING ASSOCIATION (AORA) ANNUAL CONFERENCE - 27 TO 29 JUNE 2022

D2022/08557

PURPOSE OF REPORT

The purpose of this report is to seek Council's approval for the Chief Executive Officer (CEO) to attend the Australian Organics Recycling Association (AORA) 2022 Annual Conference that is scheduled to be held in Glenelg, South Australia from 27 to 29 June 2022.

KEY POINT(S)

- As part of the Chief Executive Officer's professional development, the following conference has been identified.
- The hosted annually by AORA, providing the opportunity to meet, exchange knowledge and inspire innovation in the recycled organics industry.
- The Conference includes best practice in the production and use of recycled organics materials from companies and individuals.
- Explore coordination and establishment of a Product Steward and Certification Scheme through the Green Deal Alliance with AORA.

RECOMMENDATION(S)

That Council approves the Chief Executive Officer to attend the Australian Organics Recycling Association (AORA) 2022 Annual Conference being held in Glenelg, South Australia from 27 to 29 June 2022, at an estimated cost of \$4,000.

SOURCE OF REPORT

Chief Executive Officer

BACKGROUND

- 1 The EMRC is a member of AORA which through a strong and robust collaboration between Australia's organics recycling industry, State and Federal governments and businesses, is strategically positioned to play a vital role in adding significant economic and environmental value to the Australian economy.
- 2 EMRC Officers also periodically participate and attend meetings with other AORA members.
- 3 The AORA Conference will explore how the positive collaborative efforts can lead to national and state policies, directions for organics recycling and a circular economy.
- 4 Attendees will hear from leading organics recycling professionals on the latest developments in the industry. Attend onsite equipment demonstrations, hear from keynote speakers and have the opportunity to network with other experts in the organics recycling industry.

REPORT

- 5 The AORA 2022 Conference program begins on Monday 27 June 2022 and concludes on Wednesday 29 June 2022. There are also two social events for delegates, providing ample networking opportunities.
- 6 This three-day event will comprise of one day of site visits and onsite equipment demonstrations; followed by two days with keynote speakers, panels, case studies and focussed sessions. A trade exhibition is also part of the event.
- 7 The conference topics align to current being undertaken and potential future work to be considered by the EMRC at the Red Hill Waste Management Facility and Hazelmere Resource Recovery Park. These include:
 - Bioplastics and FOGO;
 - Synergies and differences in policies and strategies across Australia as well as the current political environment facilitating the industry's development;
 - Process Control of Composting;
 - Business considerations including financing organics reprocessing;
 - Emerging Contaminants – circularity impacts and food waste management; and
 - Agricultural and Soil Carbon.
- 8 Equipment to be demonstrated at the conference include:
 - Grinders and Shredders;
 - Screens;
 - Window Turners;
 - Loaders;
 - Excavators; and
 - Mobile Picking Stations.
- 9 The conference cost for AORA Members is \$1,255 per attendee excluding incidental expenses and meals. Cost of accommodation is \$1,140 (4 nights) while airfares is currently costing \$1,462. This totals \$3,857 excluding incidental expenses and meals.

STRATEGIC/POLICY IMPLICATIONS

- 10 Key Result Area 1 - Environmental Sustainability
 - 1.1 To investigate leading edge waste management practices
- 7 Council Policy 6.3 Attendance at Events

FINANCIAL IMPLICATIONS

- 8 Each year funds are budgeted for officer attendance at conferences. The expected cost of the conference is \$3,857 excluding incidental expenses and meals.

SUSTAINABILITY IMPLICATIONS

- 9 Nil

Risk – Non Compliance with Council Policy

Consequence	Likelihood	Rating
Moderate	Unlikely	Moderate
Action/Strategy		
➤ Approval be sought for the CEO to attend Australian Organics Recycling Association (AORA) 2022 Annual Conference to comply with Council Policy 6.3 Attendance at Events		

MEMBER COUNCIL IMPLICATIONS

Member Council

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

Implication Details

Nil direct impact

ATTACHMENT(S)

Conference Program (D2022/08561)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council approves the Chief Executive Officer to attend the Australian Organics Recycling Association (AORA) 2022 Annual Conference being held in Glenelg, South Australia from 27 to 29 June 2022, at an estimated cost of \$4,000.

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR



AORA 2022

Australian Organics
Recycling Association
ANNUAL CONFERENCE

27-29 June 2022
Stamford Grand
Glenelg, Adelaide



*Building the Future of our
Industry - Turning our organic
waste into a national resource*

Preliminary Program



Proudly supported by:



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**Hitachi Zosen
INOVA**



www.aoraconference.com.au



The AORA Annual Conference provides delegates with an opportunity to learn, develop new skills and broaden their networks.

Recycled Organics Industry stakeholders gather to learn, network and discuss practical outcomes and solutions for production and use of recycled organic materials in an open forum with like-minded and interested companies and individuals.

Invitation

On behalf of the Organising Committee, I take great pleasure in inviting you to join us for the 9th AORA Annual Conference to be held at the Stamford Grand Adelaide from 27 - 29 June 2022.

This annual event offers recycled organics industry stakeholders the opportunity to meet, exchange knowledge and inspire innovation. Attendees will have access to prominent experts in the field of organics recycling as they share their expertise, demonstrate their equipment and technology and showcase their innovative ideas.

With presentations from domestic and international experts and Australian industry leaders, we will explore the theme of this year's conference:

Building the future of our industry - turning our organic waste into a national resource.

Through a strong and robust collaboration between Australia's organics recycling industry, State and Federal governments and businesses, we are strategically positioned to play a vital role in adding significant economic and environmental value to the Australian economy.

The Conference will explore how positive collaborative efforts can lead to consistent national and state policies and directions for organics recycling and a circular economy, in turn creating opportunities for innovation and growth that results in a strong organics recycling industry.

In line with the theme, the conference will focus on providing attendees with a broad range of examples of how recycled organics can play an important role in becoming a national resource creating shared benefits of improved soil performance and carbon credits by responding to various challenges and building best practices and a knowledgebase around effective and profitable organics recycling.

I encourage you to register for the conference today. Attendees will be spoilt for choice with a variety of presentations, panels, equipment demonstrations and networking opportunities alongside a comprehensive trade exhibition.

I look forward to meeting you at the 2022 AORA Annual Conference in Adelaide.



Peter Wadewitz
AORA Chairman

AORA Annual Conference Secretariat

For all enquiries please contact:

Veronica Dullens
rEvolve Services

T: 0400 449 100 / 1300 421 065

E: conference@aora.org.au

W: www.aoraconference.com.au

About AORA



The Australian Organics Recycling Association (AORA) works on behalf of its members to raise awareness of the benefits of recycling organic resources.

It aims to act as an advocate for the wider organics resource recovery and beneficial reuse industries, and to represent their views in a constructive dialogue with policy makers. The Association envisages an industry in which best practice is shared, standards are maintained and surpassed, and a positive contribution to safeguarding the environment is made.

The Association consists of a national body represented by a Board. State divisions operate in defined geographical areas (e.g. states or territories of the Commonwealth of Australia), managing their operations relevantly to their region. The AORA Board provides coordination across the divisions and a means of addressing state and national matters, as well as being the administrative managers of the business.

T: 0434 625 472

E: admin@aora.org.au

W: www.aora.org.au

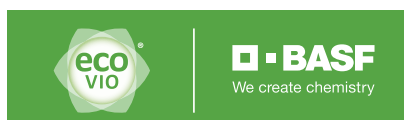
P: PO Box 585, Hove SA 5048



National Sponsors

AORA would like to acknowledge the following National Sponsors who play an active role in realising our vision:

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FOUNDING MEMBERS



RESEARCH PARTNERS



MEDIA PARTNER



About the Conference

The AORA Annual Conference is the principal conference in Australia for the recycled organics industry. Each conference is a forum for education, discussion and networking related to Organics Recycling. It is also an opportunity to celebrate outstanding achievements in the industry.

The AORA Annual Conference features workshops, presentations, social functions and an equipment demonstration day. This is an opportunity to network with industry leaders and gain insight to the latest achievements in the Organics Recycling Industry.

The first AORA conference was held in 2013 in Sydney and is now run annually, rotating the location around Australia.

Organising Committee

- Rob Rodenburg, Rodenburg Waste Solutions
- Renga Ramasamy, Jeffries
- Tim Marshall, TM Organics
- Ben Ames, Komptech CEA
- Kurt Palmer, CEMAC Technologies
- Charlie Emery, Soilco
- Peter Olah, AORA
- Veronica Dullens, rEvolv Services
- Alex Hammett, AORA Admin & Events Officer

Program

The 2022 AORA Annual Conference program will provide delegates with an opportunity to learn, develop new skills and broaden their networks.

This three-day event will comprise of one day of site visits and onsite equipment demonstrations; followed by two days with keynote speakers, panels, case studies and focussed sessions. A trade exhibition is part of the event, where delegates will take their breaks and meals.

Networking will also be encouraged at the Welcome Function and Conference Dinner, as well as during the meal breaks.

To view the up to date version of the program visit the conference website: www.aoraconference.com.au.



The Venue

Stamford Grand Adelaide Hotel
2 Jetty Road, Glenelg, SA

The Stamford Grand Hotel Adelaide at Glenelg, one of Adelaide's premier beachside resorts, is a 10 minute drive from the airport and a 20 minute drive from Adelaide's CBD.

Located right on the beach at the popular seaside suburb of Glenelg, the hotel is accessed via Jetty Road's vibrant retail trading strip.

Adelaide

Bursting with culture, flavours, events and entertainment, Adelaide is South Australia's cosmopolitan coastal capital. Its ring of parkland on the River Torrens is home to renowned museums such as the Art Gallery of South Australia, displaying expansive collections including noted Indigenous art, and the South Australian Museum, devoted to natural history.

Adelaide is a gateway to world-famous wine regions and is home to Australia's official best restaurant, hotel, wine, gin and beach.

Thank you to our sponsors

AORA would like to acknowledge the generous support of our sponsors and partners:

GOVERNMENT PARTNER

GREEN INDUSTRIES SA



**Government
of South Australia**

Green Industries SA

greenindustries.sa.gov.au

Green Industries SA is an enabler and driver of change, supporting development of the circular economy through diverse collaborations and partnerships which improve productivity, resilience, resource efficiency and the environment.

Our role:

- Keeping South Australia at the forefront of green innovation in the waste, recycling and resource recovery sectors
- Delivering reduced waste to landfill and increasing the State's capacity for recycling
- Building the State's capability and resilience in the area of disaster waste management

We are helping businesses to implement sustainable resource efficiency measures and increase productivity; we are funding innovations which will create new jobs in the waste and recycling sector for solutions to growing problematic new waste streams; and we are undertaking leading-edge work in the areas of disaster waste management, circular economy leadership education and waste infrastructure planning for the next 30 years.

Our work has been recognised internationally, with our expertise sought by other jurisdictions nationally and internationally.

AORA SILVER SPONSOR

CONFERENCE DINNER SPONSOR

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Hitachi Construction Machinery (Australia) Pty. Ltd. (HCA) is a subsidiary of Hitachi Construction Machinery Co., Ltd. (Japan) and part of the global and diversified Hitachi Ltd group. HCA is the exclusive distributor of Hitachi and Bell products in Australia.

Hitachi is committed to a more sustainable society as well as, delivering machinery sales and support to Australian customers across the mining, construction, quarry, material handling and waste / recycling industries.

As part of a global network and with 24 wholly-owned national branch networks, HCA is in a strong position to meet customer needs 24 hours a day, 7 days a week.

hitachicm.com.au

AORA PLATINUM PLUS SPONSOR

WELCOME FUNCTION SPONSOR

KOMPTECH CEA



Komtech CEA is a leading supplier of machinery and systems for the mechanical and mechanical-biological treatment of solid waste and biomass as a renewable energy source. As a premier service provider, we supply and service waste recycling equipment ensuring a first-class customer service experience that extends beyond the sale of the machine.

With branches in Australia & New Zealand and a team of highly experienced service technicians on hand, Komtech CEA is your trusted partner throughout the life of your machine.

komtechcea.com.au

DEMO DAY SPONSOR

FOCUS ENVIRO



FOCUS enviro is a specialist provider of environmental equipment solution for the organics recycling industry

By understanding and matching application requirements to the client's specific needs they offer a range of value for money and tailored options to deliver efficiency and build customer profitability.

With a team of experienced industry professionals, FOCUS now sets the standard for in market customer service. Delivering national and international proven technology with excellent local support is the winning combination.

focusenviro.com.au

WATER BOTTLES SPONSOR

HZI AUSTRALIA



Hitachi Zosen Inova (HZI) has dry and wet anaerobic digestion solutions to recycle biogenic waste, producing natural fertiliser and renewable energy in the form of green power and heat or biogas.

HZI has become one of the global market leaders, with over 580 Kompogas® and Schrack plants worldwide.

hz-inova.com

LANYARDS SPONSOR

AGSIGHT



AgSight specializes in technology and research for agriculture in Australia.

Our primary technology is the SOLVITA™ range of compost and soil microbial activity tests. Solvita tests can help industries use recycled organic products to regenerate a healthy soil.

AgSight recognizes the importance of the AORA conference in achieving this goal.

agsight.com.au

It's all about organics

AORA works with all stakeholders to facilitate an operating environment which maximises the recycling and reuse of organic materials whilst promoting the benefits of compost, soil conditioners and mulches across the Australian community and business.



AORA is the leading industry organisation and the peak industry body for the Recycled Organics Industry in Australia. It represents a modern, proactive association within the wider resource recovery and organics management industry.



**Benefit from the support and advocacy that
AORA provides on behalf of its membership**

BECOME A MEMBER TODAY

PO Box 585
Hove SA 5048

0434 625 472
admin@aora.org.au
www.aora.org.au

Keynote Speakers

MATTHEW COTTON

Principal Consultant/Owner, Integrated Waste Management Consulting, LLC



Matthew Cotton has worked in the composting industry since 1986. He has served as a consultant, educator, researcher, and advocate for new and expanded organics recycling and composting programs in California and beyond.

Mr. Cotton has completed hundreds of significant organics projects, including permitting and assisting in the development of some of the major composting facilities in California. Mr. Cotton served on the Board of Directors of the US Composting Council for almost two decades, including three terms as president. He currently serves on the Board of Californians Against Waste. He has published research on compost odors, compost use, climate impacts, compostable plastics, and compost facility infrastructure. Mr. Cotton is a lead instructor for the week-long Compost Operator Training Program operated by the Composting Council's Research and Education Foundation.

THE HON. PENELOPE WENSLEY

National Soils Advocate



Former Governor of Queensland and distinguished Australian diplomat, the Honourable Penelope Wensley AC, has a long-held interest and substantial experience in natural resource management, environmental and sustainable development matters, and in Australia's response to national and global challenges in these areas. Ms Wensley was a key contributor to the negotiation of several landmark international treaties to address environmental challenges through the United Nations. Currently, Ms Wensley holds a number of high-level roles concerning sustainability, including as National Soils Advocate.

PROFESSOR IAN OVERTON

Chief Executive, Green Industries SA



Ian has over 30 years experience in business, research, academia and government, including 17 years with the CSIRO. He has a passion for sustainability and enhancing environmental, social and economic outcomes and the implementation of the circular economy. Ian is also a Professor (Affiliate), at the Adelaide Business School, University of Adelaide.

Master of Ceremonies

CATE MCQUILLEN

Head Smarty Pants – mememe Productions



Cate McQuillen is a producer and writer, known for *Dirtgirlworld* (2009) and *Get Grubby TV* (2014).

From her home base in the Northern Rivers Region of NSW, Cate is one half of mememe productions, creating 'out there' children's programming for a new generation of content seekers. With a myriad of skills and interests, her greatest assets are her approach and attitude and ability to generate ideas, motivate, inspire and see the 'big picture'.



Demonstration Day

Monday 27th June 2022

SEE EQUIPMENT IN ACTION AT THE AORA DEMONSTRATION DAY

All participants are required to wear long pants and steel capped safety boots. Hard hats and safety vests will be provided along with lunch and afternoon tea. We recommend you bring a hat and water bottle.

See grinders, screens, turners and other equipment in operation with live demonstrations and take the opportunity to see the equipment up close, compare different models and meet with suppliers all in the one place.

On display will be:

- Grinders and Shredders
- Screens
- Windrow Turners
- Loaders
- Excavators
- Mobile Picking Stations
- and more...



AORA Demo Day
proudly sponsored by:



The Demonstration Day bus is scheduled to depart the Stamford Grand Adelaide at 9.30am and will return by 4.15pm

NOTE: For safety reasons, delegates may not drive themselves to the location, all delegates MUST arrive and depart via the coach from the Stamford Grand Adelaide

Social Functions

Networking Function

Join us after the Demonstration Day for an evening of drinks, canapes and networking with the exhibitors, speakers, sponsors and other attendees.

Sponsored by:



Date: Monday 27 June 2022

Time: 6:00 - 8:00pm

Venue: Trade Exhibition Area

Dress: Casual

Tickets: Included in full registrations or optional event for \$110. Please indicate on the registration form if you wish to attend this function and the ticket will be added to your invoice.

Conference Dinner

The Conference Dinner is traditionally a highlight in the AORA Annual Conference program and provides an opportunity for the participants to relax and engage in the type of networking that is vital to furthering the recycled organics industry.

Sponsored by:

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Date: Tuesday 28 June 2022

Time: 7:00pm - late

Venue: Ballrooms 1 & 2, Stamford Grand Adelaide

Dress: Business / Smart Casual

Tickets: Included in full registrations or optional event for \$180. Please indicate on the registration form if you wish to attend this function and the ticket will be added to your invoice.

Accommodation

The Stamford Grand Adelaide is pleased to offer AORA 2022 attendees the following discounted rates:

- Grand City Rooms at \$285/night, per room, including 1 x breakfast
- Grand Ocean Rooms at \$325/night, per room, including 1 x breakfast

Full buffet breakfast can be added at \$20.00 per person to the above rates.

To receive this Discounted rate, guests will need to Call Reservations (see details below) and quote the code AOR020621 at the time of booking. Guests will also need to provide a valid credit card number in order for us to confirm their reservation. All bookings will have a 24-hour cancellation policy.

General Reservations Department - Phone: 08 8376 1222, Email: reservationsSGA@spa.stamford.com.au



Preliminary Program

Tuesday 28th June 2022

0800	Registration, tea and coffee
OPENING PLENARY	
0830	Welcome and housekeeping Peter Olah , NEO - Australian Organics Recycling Association
0840	Official welcome Peter Wadewitz , Chair - Australian Organics Recycling Association
0850	Opening address
0900	KEYNOTE PRESENTATION: It all starts and finishes with the soil The Hon. Penny Wensley , National Soils Advocate Food and fibre production both starts and finishes with the soil as organic material gets recycled into the soil as compost and mulch, which in-turn improves soil health. Australia recycles only half its surplus organic material which is a lost opportunity that we all have a role to address.
0930	KEYNOTE PRESENTATION: FOGO for Everyone, Everywhere, All of the Time: Notes from California Matthew Cotton , Integrated Waste Management Consulting California's landmark SB 1383 sets ambitious, aspirational goals for reducing the state's food waste disposal, setting in place a number of policies, programs and practices that have made it a golden age of composting in CA. The presentation will focus on the strategies the state is implementing to divert millions of tons of food waste, expand their already robust compost manufacturing industry, and find new and exciting uses for compost.
1000	Morning tea break
PANEL: A COMMON VISION	
1030	This panel session will explore the synergies and differences in policies and strategies across Australia as well as the current political environment facilitating the industry's development Panelists include: <ul style="list-style-type: none">Aaron Spadaro, NSW EPACara McNicol, Qld Dept of Environment and ScienceJessica Wundke, Green Industries SAVictorian Dept of Environment, Land, Water and PlanningIsabel Axio, RMCg (Tasmania)

1200	Lunch
BIOPLASTICS & FOGO	
1300	Certified compostable biopolymers enabling circular economy Rowan Williams , BASF BASF will present developments in the field of certified compostable biopolymers and their role in enabling a circular economy for organics recycling. Additionally certified soil biodegradable mulch films to replace non recyclable conventional polyethylene films will be showcased and also new developments in certified compostable packaging will be discussed.
1320	Compostable Packaging, Dreams, Reality & Regulators Michael Wood , Sacyr Environment Australia Michael will discuss standardized FOGO bin content efforts in Victoria, lowest common processing denominators with a range of compostable items and how government and other industries are now looking for organic recycling industry capability and capacity solutions that have been regulated and contracted away.
1340	City of Holdfast Bay weekly FOGO/fortnightly landfill trial Shani Wood , City of Holdfast Bay In September 2021 the City of Holdfast Bay trialed a opt-in Weekly FOGO/fortnightly landfill bin collection model. Various engagement methods combined with options assisted over 850 households almost triple their food recycling efficiency. In July 2021, a more viable opt out default weekly FOGO/fortnightly landfill pilot was trialed across 315 households also leading to significant increases in landfill diversion.
1400	Supporting councils with consistent FOGO processing guidance and procurement Jess Hand , Metropolitan Waste & Resource Recovery Group In this presentation, you will learn about Victoria's new guidance and resources to support councils in procuring kerbside FOGO processing technology.
1420	Questions and discussion
1445	Afternoon tea break
PROCESS CONTROL	
1515	The Revival of Composting in Austria! Stefan Windisch , Komptech Austria In Austria, the standard of compost for private and agricultural use is quite high. Even with these high standards it is cheaper compared to fertiliser so the production of compost is receiving more attention these days. Using the right machine technology to prepare the material to be fit for agricultural use is experiencing a big revival in Austria.
1535	Organic-Waste-to-Biomethane in Jönköping, Sweden Mandar Joshi , Hitachi Zosen Inova Australia The Jönköping AD plant converts 40,000tpa of organic waste to biomethane and digestate. This carbon-negative reference point is a circular economy showcase and is presented from concept to construction, operations and optimisation. The presentation concludes with lessons learnt and its potential for Australia.
1555	Odour control matters Andrew Fleming & Bill Mullin , BIOREM We discuss why Odour control matters, taking into consideration: Greater concern and sensitivity from the public around odours; Globally, respective EPAs are closing and/or fining organics processing facilities due to problems with odour; Safe Work Australia, proposing more stringent exposure levels to come into effect.
1615	Compost, the "black gold" Marco Grosze-Holz , Christiaens Group Compost is an underestimated valuable product. High quality and safe compost can be produced from FOGO and other organic waste streams. By transforming organic waste into compost the benefits are multiple: massive GHG emission reduction, landfill reduction, material transport reduction, soil fertility improvement, food production security and it creates jobs.
1635	Questions and discussion
1700	Close Day 2
1900	Conference Dinner

Wednesday 29th June 2022

0800 Registration, tea and coffee

BUSINESS CONSIDERATIONS

0830 Government Partner Presentation
Dr Ian Overton, Green Industries SA

0900 Financing organics reprocessing
Claire Kneller, WRAP APAC
Developing secure commercial financing for organics reprocessing infrastructure through partnership between government and investors. Understanding how to structure support from state and federal government to 'crowd in' long term commercial investment for new infrastructure in a way that addresses the market barriers to commercial financing but also generates a return for the public purse.

0920 The Economic Contribution of the Australian Organics Recycling Industry, 2nd edition
Peter Olah, Australian Organics Recycling Association
Australian Economic Advocacy Solutions (AEAS) was commissioned by AORA to determine the economic benefit of the Australian Organics Recycling Industry to the Australian and all State economies.

0940 Panel: Next Generation of Compost Industry Leaders

1000 Questions and discussion

1030 Morning tea break

AGRICULTURE & SOIL CARBON

1100 Enabling a Precision Compost Strategy to maximise benefits from compost use
Dr Susanne Schmidt, School of Agriculture and Food Sciences, University of Queensland
This presentation will share findings from the recent global meta-analysis on compost use in crop systems that shows how precision compost – targeted to specific crops and environments - can boost soil organic carbon, crop yield and nutrient use efficiency. It shows how we can reduce uncertainty of compost uses with emissions of greenhouse gases and longer-term soil health.

1120 Agricultural Waste Processing: A new way to repurpose agricultural waste
Mauricio Murillo, FIBO Group Australia
A new sustainable way to create new by-products made of Australia Agricultural Waste.

1140 The Nutrient Calculator for Organic Amendments App
Naoya Takeda, Queensland University of Technology
The Nutrient Calculator for Organic Amendments is a farmer-friendly web/mobile app, which can also be made available as Excel spread sheet. Based on data input, the Nutrient Calculator for Organic Amendments will provide farmers with estimated nutrient (N, P, K) release, demand curve, need and budget.

1200 A smarter approach to compost application and soil carbon
Oli Madgett and Lyndsey Jackson, Platform
How does the organics industry leverage digital maps of vineyards and orchards to map soil carbon and apply product smartly

1220 Questions and discussion

1300 Lunch

EMERGING CONTAMINANTS

1400 Presentation title to be advised
Speaker, Organisation

1420 Chemicals of Concern: Circularity impacts and the organics waste interface
Geraldine Busby, Encycle Consulting
In the drive towards circularity, a wider range of organic feedstocks are being recycled, which is increasing chemicals of concern being drawn into this recycling stream. This presentation reviews emerging issues of chemicals of concern in organics recycling and discusses international management approaches that may be applicable to the Australian context.

1440 Emerging Issues in Food Waste Management
Charlie Emery, Australian Organics Recycling Association
We can close our borders for a pandemic, we can cease exporting mixed waste plastic, but can we take PFAS off the menu? How do we shift the focus and prevent PFAS from entering our environment in the first place.

1500 Questions and discussion

CONFERENCE CLOSE

1530 International Compost Industry Leaders Panel
Hear from recycled organics industry leaders from across the globe who will share the trends and innovations that are currently relevant in their region.

1600 Conference wrap up and closing remarks
Peter Wadewitz, Chair - Australian Organics Recycling Association

1615 Conference Close

Recipe for Regeneration: **COMPOST**



**International Compost Awareness Week
May 1 - 7, 2022**



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- Day Registration (Tue 28 Jun)
- Access to conference papers

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- Access to conference papers

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14.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN (D2022/07425)

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

1. REGISTER OF COUNCIL RESOLUTIONS 2022 (D2022/07426)
2. CEO EXERCISE OF DELEGATED POWERS AND DUTIES (D2022/07427)
3. 2021/2022 COUNCIL TONNAGE COMPARISONS AS AT 30 APRIL 2022 (D2022/07428)
4. SUSTAINABILITY TEAM UPDATE – JANUARY TO MARCH 2022 (D2022/08114)
5. CORPORATE BUSINESS PLAN 2021/2022 – THIRD QUARTER REPORTING FROM JANUARY TO MARCH 2022 (D2022/07425)

RECOMMENDATION

That the Council notes the items contained in the Information Bulletin accompanying the 26 May 2022 Ordinary Meeting of Council Agenda.

COUNCIL RESOLUTION

MOVED CR

SECONDED CR

15 REPORTS OF COMMITTEES

16 REPORTS OF DELEGATES

16.1 MUNICIPAL WASTE ADVISORY COUNCIL (MWAC) MINUTES HELD ON 27 APRIL 2022



Municipal Waste Advisory Council

Minutes

4.00pm Wednesday
27 April 2022
Online

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ATTENDANCE

Cr Doug Thompson (Fremantle)	WALGA State Council	<i>Chair</i>
Cr Les Price (Cue)	WALGA State Council	
Mayor Ruth Butterfield (Armada)	WALGA State Council	
Cr Peter Abetz	City of Gosnells	
Cr Giorgia Johnson (City of Bayswater)	Eastern Metropolitan Regional Council	<i>Deputy Chair</i>
Cr Karen Vernon (Victoria Park)	Mindarie Regional Council	
Cr Karen Wheatland (Melville)	Resource Recovery Group	
Cr Andrew Maurice (Mosman Park)	Western Metropolitan Regional Council	
Mr Tim Youé	Resource Recovery Group	<i>OAG Chair</i>
Ms Hayley Williamson	City of Greater Geraldton	
Ms Libby Eustance	Western Metropolitan Regional Council	
Ms Ruth March (Albany)	Non-Metropolitan Local Government	
Ms Rebecca Brown	Municipal Waste Advisory Council	
Ms Candy Wong	Municipal Waste Advisory Council	
Ms Tazra Hawkins	Municipal Waste Advisory Council	
Ms Gráinne Whelan	Municipal Waste Advisory Council	
Ms Nicole Matthews	WA Local Government Association	
Cr Karen Chappel JP	WALGA President	<i>Observer</i>

APOLOGIES

Cr Tresslyn Smith	Bunbury Harvey Regional Council
Mr Stefan Frodsham	Western Metropolitan Regional Council
Mr James Trail (Coolgardie)	Non-Metropolitan Local Government

1 PROCEDURAL MATTERS

1.1 MWAC Minutes tabled at WALGA State Council

A summary of the Minutes of the Municipal Waste Advisory Council meeting held Wednesday, 16 February 2022 will be noted at the next WA Local Government Association State Council meeting.

2 MINUTES OF PREVIOUS MEETING

2.1 Confirmation of the Previous MWAC Minutes

MUNICIPAL WASTE ADVISORY COUNCIL MOTION (CR PRICE/CR WHEATLAND)

That the Minutes of the meeting of the Municipal Waste Advisory Council held on Wednesday, 16 February 2022 were confirmed as a true and accurate record of the proceedings.

2.2 Business Arising from the Previous MWAC Minutes

A	Issue	June 2021 MWAC Item 5.8 FOGO in MUDS		
	Action	1. Executive Officer will follow up to determine if information on the <i>Waste Avoidance and Resource Recovery Act 2007</i> can be provided to DAPs so the members understand the regulatory requirements regarding Local Government waste collection. 2. The Chair requested that the Executive Officer provide information on how the amount/type of education a Local Government undertakes can impact on their contamination rate.		
	Timeframe		Status	1. Examples are requested from Members regarding this issue. 2. To be completed
B	Issue	August 2021 MWAC Item 7 General Business		
	Action	That the Municipal Waste Advisory Council undertake a workshop with the Goldfields Esperance Country Zone at their earliest convenience to identify ways that MWAC can further represent and assist the Zone.		
	Timeframe		Status	The Zone have requested that MWAC hold a Waste Summit in the Regional. Expressions of Interest will be sought from Local Governments to host the next three Waste Summits.

3 DECISION ITEMS

3.1 Product Stewardship for Photovoltaics ***

MUNICIPAL WASTE ADVISORY COUNCIL MOTION (CR PRICE/CR WHEATLAND)

That the Municipal Waste Advisory Council endorse the Issues Paper: Photovoltaic Product Stewardship.

In Brief

- Photovoltaic (PV) systems were placed on the Federal Environment Minister's Product Stewardship Priority List in 2016. An industry agreed nationwide scheme design must be finalised by June 2022, operational by June 2023 and include an approach to deal with legacy PVs.
- However, progress has been limited and an industry-led, national product stewardship scheme has not been developed. The Product Stewardship Centre of Excellence has been tasked with facilitating the design of a Scheme.
- The Issues Paper outlines some of the key considerations in relation to end of life PV management and, using WALGA's [Principles for Product Stewardship](#), identifies the key considerations for designing an effective Product Stewardship Scheme for PVs.

Background

End-of-life solar panels are estimated to increase by 1700% between 2019 and 2030 as the first generation of solar panels come off Australian roofs. During 2018, Sustainability Victoria, with other jurisdictions, investigated and assessed various options to progress a national approach for PV systems in Australia. The resulting report [PV Systems Stewardship Options Assessment](#) (March 2019) found that key stakeholders (including PV manufacturers, importers and industry associations) supported a nationally coordinated approach for managing PV system waste.

PVs have been included in the Federal Environment Ministers Product Stewardship List since 2016, but to date no industry Scheme has been developed. The Environment Minister has now required that a nationwide Scheme be designed by June 2022 and be in operation by June 2023. In November 2021, the Product Stewardship Centre of Excellence was engaged by the Commonwealth Department of Agriculture, Water and the Environment to facilitate a co-design process to establish and co-design a Product Stewardship Scheme for PV systems. The project is being led by the Product Stewardship Centre of Excellence to bring together industry stakeholders from across the supply chain to design a scheme that is solution and outcome oriented.

Comment

The Association has developed an Issues Paper (**attached p. 1**), to outline the key issues with end-of-life PV systems management and components of a Product Stewardship Scheme which will meet Local Government needs. This includes:

- Responsibility – Responsibility (financial) for managing solar PV waste should ultimately be put on the manufacturer/importer and should cover the entire cost of product recycling.
- Access – Leverage existing Product Stewardship Schemes and make it easy, convenient and consistent for the community.
- Any scheme would need to consider options for regional and remote areas, as transport costs are significant.
- A wide-ranging set of solutions and interventions is required that is cognisant of the complexity of this particular waste stream.
- The need for a collaborative approach by industry and government in managing solar PV waste.
- Product Stewardship Schemes should be demand based and aim to recover the maximum amount of material possible, rather than being limited by targets.
- The consumer should not be charged to dispose of a product, this price should be built into the purchase price of the product.

Discussion at the Municipal Waste Advisory Council

The coming years will see a rise in the uptake of photovoltaic systems, which includes solar panels, batteries and inverters. Additionally, first-generation solar panels will soon become defunct and without an effective Product Stewardship (PS) Scheme in place there remains uncertainty as to how these products will be managed at end of life. There are limited recycling options for these products in Australia largely due to the absence of a Scheme to collect PVs. Some solar panels may enter the scrap metal market with many potentially going to landfill. Waste Transfer Stations have reported solar panels being dropped off occasionally.

The development of an effective PS Scheme would present opportunities for investment, mechanisms to capture PVs, and increase recycling and recovery of materials from these products. This Issues Paper has been shaped by WALGA's [Local Government Principles for Product Stewardship](#), and aims to provide the Product Stewardship Centre of Excellence with a clear perspective of what Local Governments would like to see in a PS Scheme for these products. Managing PVs at their end of life is not an issue isolated to Western Australia and there needs to be a national solution. There is also potential for this issue to be raised at a State Government level as PVs are included in the WA e-waste to landfill ban. Consultation on the e-waste ban is anticipated to take place this year and would present an opportunity to advocate for the inclusion of these products and the development of a PS Scheme. There is support for the recycling and recovery of PVs, however this must be underpinned by effective end of life solutions that are fully costed otherwise the cost will inevitably be passed on to Local Government.

The Issues Paper will be updated to include the recommendation to design PVs for disassembly and recovery.

4 DISCUSSION ITEMS

4.1 Advocacy Priorities – State and Federal

In Brief

- With the appointment of a new Environment Minister, there is an opportunity for MWAC to refocus on the key advocacy priorities.
- As part of the Federal Election Campaign, WALGA has highlighted the need for effective Product Stewardship and the potential impact of the Export Bans on the cost of kerbside recycling.
- Following discussion with the Officers Advisory Group key areas of advocacy include:
 - Provide Local Government with certainty regarding the trajectory and coverage of the Waste Avoidance and Resource Recovery Levy (WARR Levy)
 - Ensure there is sufficient planning for infrastructure, in metropolitan and non-metropolitan areas
 - Ensure an effective and equitable Product Stewardship Scheme for all electronic waste (ahead of the 2024 landfill ban)
 - Ensure that the Packaging Covenant is an effective Product Stewardship Scheme and covers all of the costs associated with packaging recycling (ahead of the various Export Bans)
 - Ensure that the packaging industry does not weaken the various plastic bans which the Government [announced](#) in June 2021.

For Discussion

- Key priorities for Minister Whitby and strategies for advocacy and engagement.

Background

For each of the areas identified, the Environment Minister, Hon. Reece Whitby, will have varying levels of influence, with greater direct influence on the State based interventions.

- *Waste Avoidance and Resource Recovery Levy – State focus:* A review of the WARR Levy has been undertaken, but the outcomes from the consultation and the Government's plans are unclear. As per the WALGA Waste Levy Policy Statement, to ensure Local Government can plan and budget for changes to the

Levy and has a firm basis for business cases to change service provision, at least a 5-year rolling schedule for the Levy is required.

- *Infrastructure Planning – State focus:* The first Waste Strategy in 2012, flagged the development of an Infrastructure Strategy for waste in WA. 10 years on, although a draft has been prepared it has yet to be released. WA urgently needs a, region specific, infrastructure plan to guide investment and contingency planning.
- *Plastic Bans – State focus:* Local Governments have taken action to exclude various types of single-use plastics from their events or helium balloon releases on Local Government land, however State Government action on this matter means a consistent approach across the State. The proposed scope of the bans will assist in reducing plastic being littered and pollution of rivers and oceans, clean up the recycling stream (by eliminating some compostable and biodegradable plastics) and ensuring the only option on the market will be genuinely compostable products.
- *Effective National Product Stewardship – National focus:* For electronic waste, the potential cost to recycle all the material generated in the next decade is in excess of \$300M, without effective product stewardship for these materials the cost will be borne by the community. While supporting on shore reprocessing, which is the intent of the Export Bans, for some types of packaging, without effective product stewardship the cost of kerbside recycling could double.

Discussion at the Municipal Waste Advisory Council

Processing infrastructure for FOGO is anticipated to be included the State Government's infrastructure strategy for waste in Western Australia. This is also a focus area of the FOGO Reference Group with regard to the mapping of locations where there is capacity to process FOGO.

5 INFORMATION ITEMS

5.1 Program Update

- Bin Tagging Program
 - WALGA is working with Resource Recovery Group, Western Metropolitan Regional Council, Town of Bassendean, City of Wanneroo and City of Vincent to implement the Program.
 - A pre-Bin Tagging audit of waste, recycling and FOGO from City of Vincent has been completed by Resource Recovery Group as part of the Program.
 - WALGA continues to collect feedback on the use of the Bin Tagging App.
 - This Program will be completed in 2022/23.
- Better Practice Guidelines for Multiple Dwelling Developments (MDDs)
 - Talis Consulting have developed a Draft Better Practice Guideline for new MDDs.
 - WALGA are working to update the Better Practice Guideline for existing MDDs.
 - Each pilot Local Government has selected their MDDs. The consultant has liaised with pilot Local Governments to develop strategy options for MDDs based on each Local Government preference
 - The information options/approaches, include stickers on bin lids, signage in bin compound, leaflets to residents, letters to residents, has been discussed with the pilot Local Governments and WALGA.
 - Engagement options/approaches include onsite bin inspections, bin tagging, door knocking, displays in building foyer, face to face meeting with residents, have been discussed with the pilot Local Governments.
 - Pilot Local Governments have been provided with Waste Sorted Communications material.
 - This program will be completed by the end of the 2021/22 financial year.

- E-waste Recycling Program
 - To expend all the funding remaining in the Program, WALGA will work in partnership with the City of Mandurah, Dell and TechCollect to deliver a final non-metropolitan temporary collection day in June.
 - The Program will be completed by the end of the 2021/22 financial year.
- Community Sharps Program
 - WALGA has placed an order for 277 sharps containers, to be provided to 24 Local Governments across WA, in November 2021.
 - There has been a significant delay in the delivery of the containers, due to shortages of the required material in WA.
 - WALGA sought a contract extension for this program until the end of the 2022 Calendar year.

Discussion at the Municipal Waste Advisory Council

The pre-Bin Tagging audit of general waste, recycling and FOGO from the City of Vincent yielded valuable insight on some of the contamination issues and key contamination types. The report is **attached p. 7**. A post-Bin Tagging audit will be conducted in May 2022.

5.2 HHW Program Update and Battery Product Stewardship

- For the 2021/22 financial year, at the end of Q3, \$1,434,738 (81%) of the Program budget was expended
- The main materials collected through the Program were LPG gas cylinders, household batteries and flammable liquids
- WALGA have commenced discussions with DWER about the next phase of the HHW Program
- B-cycle, the National Battery Product Stewardship Scheme, officially launched across Australia in February 2022
- Each HHW Permanent facility is an accredited B-cycle drop off site and the Program contractor, Cleanaway, are an accredited B-cycle Collector
- Cleanaway are able to claim B-cycle rebates on batteries collected from HHW Permanent facilities
- WALGA is expecting that the rebates will substantially reduce the cost of battery recycling for the HHW Program
- For Local Governments currently collecting batteries from their communities and are taking these batteries to a HHW facility, there are 3 options moving forward:
 1. Remove some or all battery locations – particularly if there are now B-cycle locations set up nearby
 2. Become an accredited B-cycle Drop-off Point – the Local Government partners with a B-cycle Collector and no longer take batteries to a HHW facility
 3. Continue business as usual – continue collecting batteries and transporting to HHW facilities. The Local Government will not be able to become a B-cycle Drop-off Point.
- For Local Governments who wish to become a B-cycle Drop-off Point, the main option available currently is to enter into an arrangement with Envirostream, who are a registered B-cycle Collector
- WALGA is in discussions with Envirostream to add them to the WALGA Preferred Supplier Program.

Discussion at the Municipal Waste Advisory Council

B-cycle is a new organisation which has been set up to operate the National Battery Product Stewardship Scheme. B-cycle will collect the funds to run the Scheme from battery manufacturers and importers and use these funds to reimburse recyclers and transporters. WALGA anticipates that the Scheme will reduce costs to the HHW Program and provide an increased range of convenient locations for the community to drop off batteries. This also presents an opportunity for Local Governments to reevaluate the battery collection services currently provided.

5.3 Economic Regulation Authority – CDS Review

- In May 2019, the State Government asked the Economic Regulation Authority (ERA) to monitor any effect that the new container deposit scheme (Containers for Change) had on drink prices. The ERA monitored drink prices before and after the Scheme's introduction to determine whether suppliers and retailers increased prices by more than the amount they were being charged to take part in the Scheme.
- Over the first year of the Scheme fees have remained unchanged. The average scheme fee was 12.82 cents (incl GST) per container. Containers for Change costs include operating and administering the Scheme and the costs of paying a 10cent refund to consumers or 9.1 cent refund to material recovery facilities.
- The Scheme price per container ranges between 12.53 cents and 13.39 cents (incl GST) depending on the type of material the containers are made from, as different materials have different values, when sold in the recycling market. Containers for Change Scheme prices have remained unchanged since the introduction of the scheme in October 2020.
- The ERA monitored beverage prices before and after the introduction of the Scheme. Data was segregated into non-alcoholic and alcoholic beverage categories. For the first 12 months of the Scheme non-alcoholic beverages increased by an average of 13.2 cents per container and alcoholic beverages increased by 3.9 cents per container in Perth metropolitan area. Regional price increases were similar on average, but more variable compared to increases in Perth.
- The ERA's findings are broadly consistent with evaluations of container deposit schemes in other jurisdictions and the Report is [Effect of the Container Deposit Scheme on Beverage Prices](#).

5.4 WA E-waste Material Flow Analysis

- DWER commissioned a report on [Western Australia E-waste Material Flow Analysis](#) on electrical and electronic waste (e-waste) generation and processing in WA. A Material Flow Analysis is a systematic assessment of the flows of materials within a system defined in space and time. The MFA was carried out on 12 categories of e-waste.
- From review of product stewardship schemes, discussions with recyclers, Local Governments and industry associations it is probable that of the 853 kt of projected e-waste arising from categories 1-10 from 2020-2030, 240kt will be recycled and 613.1 kt will be disposed to landfill. If this amount of material was recycled, at current costs, it would cost in excess of \$300M.
- Analysis of 2019-20 e-waste data shows that for:
 - Category 1 – more waste was recycled than was generated or placed on the market in 2019-20 due to stockpiling of e-waste material from previous years, hence e-waste generated over a number of years could potentially be processed in just one year. This appears to be the case for 2019-20 where 55.3 kt was recycled (38.7kt is exported interstate and 16.6kt exported overseas) and 12.2 kt was disposed to landfill.
 - Categories 2-10, 45.2 kt of e-waste was generated, 6kt was recycled and 39.1kt was disposed to landfill. This represents a recycling rate of 13%.
- Modelled Material Flow Analysis from 2020-2040 is projected on products placed on the market from 1990-2030 and accounts for use, re-use and storage as well as lifespans of products. The over-all findings show that a minimum of 1,614kt of e-waste (categories 1-10) is projected to be generated from 2020-2040. This is the minimum projected amount and does not include e-waste arising from products purchased from 2030-2040.
- From review of product stewardship schemes, discussions with recyclers, Local Governments and industry associations it is probable that of the 853 kt of projected e-waste arising from categories 1-10 from 2020-2030, 240kt will be recycled and 613.1 kt will be disposed to landfill (as shown in Figure 1).

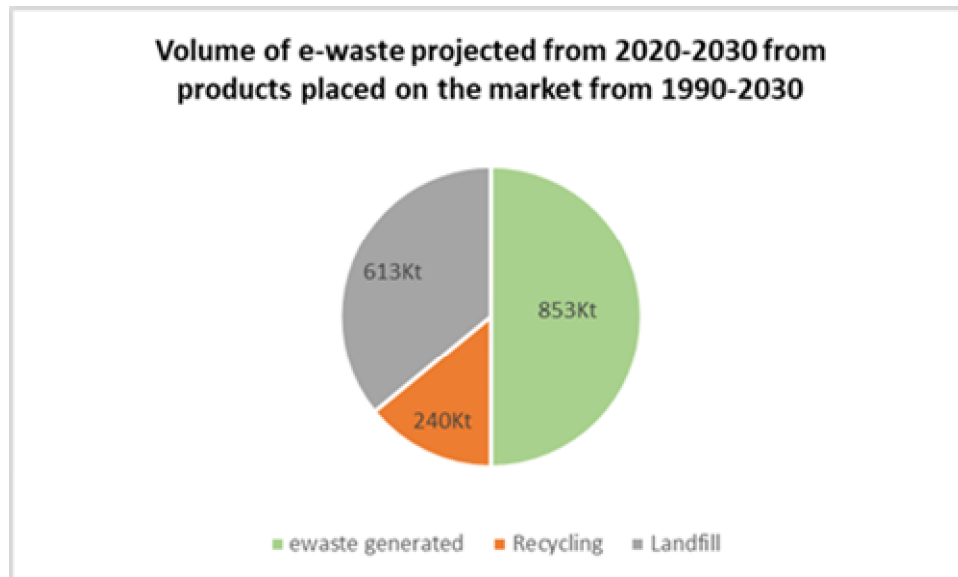


Figure 1: Projected ewaste disposal pathways for ewaste generated 2020 – 2030, based on current disposal rates.

5.5 Officers Advisory Group – Representation

- All Officers on the Group have their two-year terms expiring in June 2022, WALGA will advertise for members in mid-May, with Officers appointed in time for the August OAG Meeting.

5.6 Mutual Assistance MoU

- The Mutual Assistance Memorandum of Understanding for waste management has been updated and signed by the majority of Local Governments who operate fleet or facilities and private sector operators.

6 REPORTS

President's Report

- President Chappel commended the work of the Group and indicated her intention to attend forthcoming MWAC meetings.

MWAC Groups

1. Metropolitan Regional Council Working Group

Delegates/Nominees: Mr Tim Youé, Working Group Chair
This Group has not met since the previous MWAC Meeting.

2. Reducing Illegal Dumping Working Group

Delegates/Nominees: n/a
This Group has not met since the previous MWAC Meeting.

3. Vergeside Collection Working Group

Delegates/Nominees: n/a
With the publishing of DWER's [Better Practice Guidance](#), the work of the Verge Collection Working Group is complete. Members have been thanked for their input, this Group has ceased to operate.

4. Consistent Communications Collective

Delegates/Nominees: n/a

This Group met on Wednesday 6 April to receive information on the Single-use Plastic Ban and the Garage Sale Trail.

5. Industry Training Reference Group

Delegates/Nominees: n/a

This Group has not met since the previous MWAC Meeting.

6. Household Hazardous Waste Advisory Group / Operators Meeting

This met on 16 March to discuss the LGIS risk assessment of HHW facilities, provide an update on the process regarding licence amendment and agree on the communication approach regarding COVID-19 impacts on staffing.

External Committees and Working Groups

1. DWER Waste Reform Advisory Group

Representative: MWAC Chair, MWAC Executive Officer and CEO of SMRC

A Working Group has been established with specific reference to COVID-19 and is meeting on a fortnightly basis to assess any issues as they arise. The Group is meeting on Thursday 21 April.

2. DWER Regulatory Reference Group

Representative: WALGA Executive Manager, Strategy Policy and Planning

This Group has not met since the previous MWAC Meeting.

3. DWER FOGO Reference Group

Representative: MWAC Executive Officer, SMRC, EMRC, WMRC,

This Group has met on 7 April, to assess the progress in relation to infrastructure and market development and other barriers to FOGO uptake.

4. DWER Single Use Plastic Working Group

Representative: MWAC Executive Officer

This Group met on 14 April, to discuss the process for the first and second wave of implementation of the bans.

5. WARRRL Local Government Reference Group

Representative: MWAC Executive Officer

This Group has ceased meeting and will be taken off the Agenda. MWAC staff continue to meet on a regular basis with WARRRL and assist in their engagement with Local Government through the CCC Group.

6. Australasian Packaging Label Working Group

Representative: MWAC Executive Officer

This Group has not met since the previous MWAC Meeting. It is scheduled to meet on Wednesday 25 May.

7. Hazard Coordinating Committee

Representative: MWAC Executive Officer

This Group has not met since the previous MWAC Meeting. It is scheduled to meet on Thursday 26 May.

8. Across Agency Asbestos Group

Representative: MWAC Executive Officer

This Group met on 24 March to discuss a range of issues relating to Asbestos including the plans for a national asbestos survey of Local Government, which WALGA has promoted.

9. Waste Authority C&E Working Group

Representative: Waste Management Specialist

This Group met on 24 March to discuss the priorities for improving C&D recycling in WA.

10. Waste Management and Resource Recovery Association

Representative: MWAC Executive Officer, CEO of SMRC

This Group will meet on Thursday 21 April.

11. Charitable Recyclers Australia

Representative: MWAC Executive Officer

This Group has not met since the previous MWAC Meeting.

7 OTHER GENERAL BUSINESS

The meeting **closed at 4.26pm.**

8 NEXT MEETING

The next meeting of the Municipal Waste Advisory Council will be held online at **4:00pm on Wednesday, 29 June 2022.**

Issues Paper: Photovoltaic Product Stewardship

April 2022



Introduction

Photovoltaic (PV) systems were placed on the Environment Minister's Product Stewardship Priority List in 2016. The List identifies the products most in need of a product stewardship approach. The current Minister's Priority List includes PV systems with the following actions:

- An industry agreed nationwide scheme design must be finalised by June 2022
- The nationwide scheme must be operational by June 2023 and include an approach to deal with legacy panels.

The Australian, State and Territory Governments have acknowledged the need for a product stewardship scheme for photovoltaic systems over many years:

- During 2018, Sustainability Victoria, with other jurisdictions, investigated and assessed various options to progress a national approach for PV systems in Australia. The resulting report – PV Systems Stewardship Options Assessment (May 2018), found that key stakeholders (including PV manufacturers, importers and industry associations) supported a nationally coordinated approach for managing PV system waste.
- The National Waste Policy Action Plan (2019) Action 3.5 is that a preferred stewardship scheme for photovoltaic system be (a) identified by 2021 and (b) in place by 2023. However, progress has been limited and piecemeal. No industry-led, national product stewardship scheme has been developed. End-of-life solar panels remain a future environmental problem.

This Paper outlines the key issues in relation to End of Life (EOL) PV management and recommendations for Product Stewardship.

Background

International EOL management of Photovoltaic (PV)

In 2012, the EU became the first jurisdiction worldwide to adopt a comprehensive regulatory framework to address PV waste under the Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU¹. Under the WEEE Directive's extended producer responsibility principle, responsibility during the post-consumer stage of a PV product's life cycle is shifted (physically and/or economically; fully or partially) upstream towards the producers (manufacturers) and away from governments². The collection, transport and recycling of retired PV modules has been regulated in every EU country since February 2014. Notably, within Europe the export of waste is prohibited, which has served to promote research and development in ways in which solar PV components can be recovered and recycled.

Outside Europe, other nations (including those with expanding PV markets such as Japan, China, India, Australia and the United States³) treat PV waste within a general regulatory framework for hazardous and non-hazardous solid waste or WEEE and classify PV panels as general or industrial waste. In 2017, Japan published voluntary guidelines on how to properly

¹ European Union. Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on Waste Electrical and Electronic Equipment (WEEE). *Official Journal of the European Union*. 2012

² Chowdhury R, Apul D, Fry T. A life cycle based environmental impacts assessment of construction materials used in road construction. *Resources, Conservation and Recycling*. 2010

³ End-of-life management: Solar Photovoltaic Panels (irena.org)

dispose of EOL PV modules and invited producers, importers and distributors of PV modules to inform waste disposal companies about substances within their composition⁴ In the United States, California has developed legislation for classifying EOL PV waste as hazardous that extends beyond the Federal Resource Conservation and Recovery Act that regulates hazardous and non-hazardous waste management⁵.

Worldwide as the number of PV installations has increased, so too has the number of PVs that have reached EOL. At the end of 2016, cumulative PV waste reached 250,000 t worldwide. As more PV panels reach the EOL span, PV waste streams are expected to rise by 2030, with the highest volumes projected for Asia (3.5 Mt), followed by Europe (3 Mt) and the United States (1 Mt). A further waste volume surge is predicted between 2030 and 2050, with global PV waste estimated to increase to over 60-78 Mt by 2050⁶.

Australian EOL management of PV

There are several key pieces of Policy and Legislation relevant in Australia, including the National Waste Policy, 2009 (revised in 2018), the Product Stewardship Act 2011, the Product Stewardship (Televisions and Computers) Regulations 2011 which are the co-regulatory instrument for the National Television and Computer Recycling Scheme 2011. Together these pieces of legislation constitute Australia's WEEE management. The Product Stewardship Act 2011 is designed to reduce the amount of hazardous waste going to landfill as well as increase recycling and recovery of valuable materials. Under the Act, the Minister for the Environment publishes a list of additional product classes to be considered every year.

For 2016-17 the product list included a class covering PV cells, inverter equipment and system accessories, such as batteries, for domestic, commercial and industrial applications in recognition that "the volume of photovoltaic system equipment reaching end-of-life is expected to sharply increase in coming years to become Australia's largest electronic waste growth stream". However, despite this listing, Australia has yet to develop a PV Product Stewardship Scheme.

At a state level, in 2012 South Australia was the first government to ban e-waste from landfill, alongside investing in recycling infrastructure. However, their definitions of e-waste are designed to support the National Television and Computer Recycling Scheme (NTCRS), so PV components are exempted from the ban to date; this may change if the Commonwealth legislation is updated.

In 2014, the Victorian Government committed to a ban on e-waste going to landfill, with regulatory measures in place by June 2019. At the Meeting of Environment Ministers, it was agreed that the state of Victoria would lead innovative programs that seek to reduce the environmental impacts caused throughout the life cycle of photovoltaic systems. In 2018, the Victorian Government provided \$15M of e-waste infrastructure grants to increase Local Governments' capacity to collect and store the increasing volumes of e-waste safely in Victoria. These grants aimed to establish a significant e-waste collection network.

The WA Waste Avoidance and Resource Recovery Strategy and Action Plan 2030 aims to avoid waste, recover more value and resources from waste, and protect the environment from the impacts of wastes. The State Government is implementing a ban on e-waste disposal to landfill by 2024.

⁴ Lunardi MM, Alvarez-Gaitan JP, Bilbao JI, Corkish R. A review of recycling processes for photovoltaic modules. *Solar Panels and Photovoltaic Materials*. 2018b.

⁵ Conservation and Recovery Act 1976, Senate Bill No. 489 - Hazardous Waste: Photovoltaic Modules, (2015).

⁶ End-of-life management: Solar Photovoltaic Panels (irena.org)

According to the Clean Energy Council as of 31 December 2019, there have been 323,000 PV installations representing 30% of homes in Western Australia. Rooftop PV installations were the highest since 2012⁷. The latest PVs on the market have an expected lifespan of 40-50 years⁸, however PVs installed in 2006 may only have an average lifespan of 25 years.

Role of Local Government

Local Governments are responsible for the collection and management of the majority of waste including electronic waste (from households) and, importantly, are the first point of contact for residents with waste management queries. They also play a central role in the implementation of national Product Stewardship schemes such as the National Television and Computer Recycling Scheme (NTCRS). There are 139 Local Governments in Western Australia. Some Local Governments have formed Regional Councils or collaborations which represent collaborative efforts to address common waste management issues across their communities including through resource sharing. Underpinning these groups is the notion that collaboration across wider regions helps to create economies of scale for waste management. Western Australia's geography poses challenges for service delivery and regional development. This is combined with the extremely long distances between settlements, smaller dispersed industries (apart from mining) that find it difficult to achieve economies of scale, lack of essential services, limited infrastructure, extreme climatic variations in weather and seasonal constraints and high transport costs. The predominant means of freight transport are by road and rail and transport costs are high.

Current management of PV

Currently, the options available for EOL management of PV waste include landfill disposal, incineration, reuse and recycling (mechanical, thermal and chemical processes). Currently there are only two commercially available treatments that recycle PV modules. First Solar (operational in the US, Germany and Malaysia) applies both mechanical and chemical treatments to thin film CdTe solar panels; and Deutsche Solar, who recycle crystalline silicon (c-Si) modules. It should be noted that in 2018 Veolia and PV Cycle opened what they claimed to be Europe's first dedicated c-Si PV recycling facility in France⁹. If the cost to landfill disposal remains a legal and affordable option recycling activities will become economically unfavourable. The methods of processing PVs involve either: component repair – repair of components within the junction box; module separation – mechanical separation of panel materials, or the removal and recycling of silicon and other rare metal elements from components, using mechanical, thermal and/or chemical recycling processes.

The costs of recycling, and who bears responsibility for these costs, are important considerations when considering the economic feasibility of recycling. There are many points in the recycling process which may incur costs: removal of the panels, fixing the roof, transporting the panels to an aggregation point, extraction of salvageable parts, transport of reclaimed parts and transport of the remains to landfill. Current low waste volumes present economical obstacles for the development of recycling processes, but if more recycling of PV waste occurs, the volume of recoverable material and precious minerals will also increase.

Barriers to managing solar PV waste include

- costs associated with collecting and transporting removed panels
- not knowing what to do with removed PV panels
- lack of policy direction by the Government for PV panel collection or disposal
- lack of information on PV panel recycling
- lack of PV panel tracking

⁷ Solar Energy Facts | Technology | Clean Energy Council

⁸ How long do Solar Panels last | The Renewable Energy Hub

⁹ Salim HK, Stewart RA, Sahin O, Dudley M. End-of-life management of solar photovoltaic and battery energy storage systems: A stakeholder survey in Australia. Resources, Conservation and Recycling

- small volumes of waste in remote regions
- lack of repair and reuse options
- limited recycling options for the product
- warranty of products.

From a waste management perspective Local Governments tend to be concerned with aspects of waste disposal such as providing collection services, regulations around collection, sending collected panels for recycling, informing consumers about proper disposal, connecting to product stewardship schemes and extending landfill life by diverting PV panels.

Key Principles for Effective Product Stewardship for Management of Photovoltaic (PV) Stewardship		
Responsibility	Producers and importers should take responsibility for the end-of-life product impacts	Responsibility for managing end of life PV, should be the responsibility of the manufacturer/importer. Product Stewardship requires manufacturers and producers to take responsibility for the whole of lifecycle impacts of their products. This has the potential to create a price signal and provides incentives for up-stream change to reduce waste and improve recycling outcomes.
	Product Stewardship Scheme should cover the entire cost of product recycling	
Access	Leverage Existing Schemes and Collection Locations	Every Scheme does not have to start from scratch regarding collection locations, they may be able to leverage existing schemes and collection locations. For example, PV's could be collected at similar locations as the TV and Computer Product Stewardship Scheme materials and leverage economies of scale transport.
	Make it easy, convenient and consistent for the community	<p>There are several elements which need to be addressed in relation to this criteria:</p> <ul style="list-style-type: none"> • Leveraging existing collection locations, will ensure that the community is aware of where to take material. • Public awareness of the issues surrounding the disposal of PV waste needs to be raised now in order to help reduce the sharp surge expected in PV waste. • Solar PV panels are increasingly viewed as consumer items. Newer models, which are cheaper, more efficient and provide greater wattage, enable customers to upgrade with relative ease and low cost. There needs to be a clear distinction drawn between 'functional obsolescence', whereby new technology makes an older, but functioning, product seem outmoded, and actual end of life whereby the product no longer functions at all. • Engaging consumers and providing information regarding ways to increase longevity, pay for disposal, as well as environmentally responsible ways of disposal could encourage shifts in consumer attitudes and behaviour.
	National coverage and equitable access for all	Any new scheme would need to consider options for regional areas. Currently many Product Stewardship Schemes are developed mainly to service densely populated urban areas, with only limited regional coverage. Transport costs play a significant role in determining the economic feasibility and potential environmental impacts of PV recycling. Australia's large, sparsely populated land

Key Principles for Effective Product Stewardship for Management of Photovoltaic (PV) Stewardship		
		area, high freight costs and vast distances need to be taken into account in any consideration of adapting European modelling to the Australian context.
Scheme Design	Evidence based	There is a need to adopt a systemic approach to managing PV waste that is cognisant of the complexity of this particular waste stream and the varied waste mobility flows/after-lives that occur, whilst understanding the particular behavioural drivers underpinning consumption (installation) of ever-increasing volumes of solar PV panels. In particular, reviewing the locations where PVs are installed and their projected life. This will assist in ensuring the national coverage and equitable access.
	National Product Stewardship legislation should be used	The Federal Government has directed industry that a national Product Stewardship Scheme to manage solar PV and battery storage, to be implemented in the 2022/23 financial year.
	Timely action and industry cooperation	The need for a collaborative approach by industry and government in managing PV waste is paramount. For example, co-funding research into reuse options and effective disposal of PV panels, designing panels for disassembly and recovery whilst also manufacturing panels with less contaminants, are all ways that would contribute towards reducing future PV waste.
	Product Stewardship Schemes should be demand based and aim to recover the maximum amount of material possible, rather than being limited by targets	Targets work to drive recovery rates; however, they can become a problem if they are easily exceeded or only applied nationally (as with the TV and Computer Scheme). Local Government, as a service provider, cannot turn the community away if a national target has been reached: they keep taking the material and pay the costs associated. Schemes need to ensure they are collecting enough funds to cover costs of all products being collected. Budgets can be managed by staged implementation and approaches to communication. For PVs, given they have a relatively long use time an annual target may not be effective to drive recovery, instead in the first instance the Scheme could focus on widespread access to recycling options.
	Product Stewardship Schemes should focus on 'no cost' at end-of-life options for consumers or provide incentives for recovery	The consumer should not be charged to dispose of a product, this price should be built into the purchase price of the product and be enough to ensure legacy products can also be recovered. Implementation of existing Schemes has clearly shown that the community do not, generally, want to pay for recycling costs at end of life.



WALGA

WALGA Interim Waste Audit Report 2022

8 April 2022



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1. Executive Summary

Background

The Resource Recovery Group was commissioned by the Western Australia Local Government Association (WALGA) to carry out a domestic waste audit on the City of Vincent's three bin General Waste (MSW), Recycling and Food Organics & Garden Organics (FOGO) system.

A total of 300 bins (100 MSW, 100 Recycling and 100 FOGO) was collected, delivered, and audited over a fortnightly waste collection cycle. The MSW, Recycling and FOGO streams collected from the City of Vincent were sorted into categories of Recyclable, Organic and Non-Recyclable components. A subsample on 20 FOGO compostable bags was taken to determine how many bags had contamination and what contaminants were present.

Audit Objectives

The audit objectives are:

- Provide data to assist in developing knowledge of generation and composition of the General Waste (MSW), Recycling and FOGO streams for collection services.
- Classification breakdown of sample materials.
- Identify the contamination levels in all streams General Waste (MSW), Recycling (REC) and Food Organics and Garden Organics (FOGO).

Key Findings

The key findings from the audit include:

- General Waste (MSW) sample material was composed of 44.0% Other, 26.7% Organic, 23.6% Recyclables and 5.69% Hazardous.
- Recycling sample material was composed of 81.6% recyclables and 18.4% non-recyclables.
- FOGO sample material was composed of 94.8% Organic, 4.97% Other, 0.27% Recyclables and 0.0% Hazardous.
- The amount of General Waste (MSW) collected per household per fortnight was 10.1kg.
- The amount of Recycling collected was 9.31kg per household per fortnight.
- The amount of FOGO material collected was 9.55kg per household per fortnight.
- The FOGO compostable bag subsample showed 1 in 4 bags had contaminants present with the largest component being plastic at 1.63%, followed by Aluminum at 0.16% and Textiles at 0.06%.

Table 1 City of Vincent Audit Data Summary

WALGA - City of Vincent Audit							
Summary	MSW		Recyclables		FOGO		
	Total Weight	Percentage	Total Weight	Percentage	Total Weight	Percentage	
Total Recyclables	238.8 kg	23.6%	759.3 kg	81.6%	2.58 kg	0.27%	
Total Non-Recyclables	771.5 kg	76.4%	171.5 kg	18.4%	952.3 kg	99.7%	
Total	1010.3 kg	100%	930.8 kg	100%	954.8 kg	100%	

Item Description	Percentage of		Percentage of		Percentage of	
Recyclables	Net Weight	Weight	Net Weight	Weight	Net Weight	Weight
Recyclables	238.8 kg	23.6%	759.3 kg	81.6%	2.58 kg	0.27%
Net Recyclables Weight:	238.8 kg	23.6%	759.3 kg	81.6%	2.58 kg	0.27%
Organic						
Food Waste	19.5 kg	1.9%	0.38 kg	0.04%	150.0 kg	15.7%
Green Waste	3.79 kg	0.38%	4.91 kg	0.53%	682.8 kg	71.5%
Packaged Food Waste	236.2 kg	23.4%	5.53 kg	0.59%	0.00 kg	0.00%
Other Putrescible	10.2 kg	1.01%	0.00 kg	0.00%	1.62 kg	0.17%
Soiled Paper/Cardboard	0.00 kg	0.00%	0.00 kg	0.00%	28.7 kg	3.00%
Compostable Bags	0.00 kg	0.00%	0.00 kg	0.00%	41.7 kg	4.37%
Net Organic Weight:	269.7 kg	26.7%	10.8 kg	1.16%	904.8 kg	94.8%
Non-Recyclables						
Bagged REC/FOGO - non-compostable bags	0.00 kg	0.00%	42.0 kg	4.51%	43.1 kg	4.52%
Soft Plastics	89.7 kg	8.87%	11.7 kg	1.25%	2.12 kg	0.22%
Textiles	85.5 kg	8.46%	9.84 kg	1.06%	0.14 kg	0.01%
Pathogenic Infectious	57.0 kg	5.64%	0.00 kg	0.00%	0.00 kg	0.00%
Electronic Waste	12.8 kg	1.27%	2.66 kg	0.29%	0.00 kg	0.00%
Hazardous	0.53 kg	0.05%	0.10 kg	0.01%	0.00 kg	0.00%
General Waste	256.3 kg	25.4%	94.4 kg	10.1%	2.09 kg	0.22%
Net Non-Recyclables Weight:	501.8 kg	49.7%	160.7 kg	17.3%	47.5 kg	4.97%

2. Introduction

The Resource Recovery Group (RRG) was commissioned by WALGA to carry out a domestic waste audit on the City of Vincent's three bin General Waste (MSW), Recycling and Food Organics & Garden Organics (FOGO) system. The purpose of the audit was to show the composition and contamination levels of the MSW, recycling and FOGO waste streams prior to commencing the 2022 bin tagging program with a second audit to follow post bin tagging.

A total of 300 bins was collected and audited over a fortnightly waste collection cycle (100 MSW, 100 Recycling and 100 FOGO).

The resultant information could be utilised to develop plans to improve waste management strategies.

2.1 Scope

A composition analysis was conducted on the General Waste, Recycling and FOGO stream for WALGA including:

- Provide data which is statistically accurate
- Provide information based on a classification breakdown, of all materials into the categories as detailed.
- Provide information of contamination levels found in each waste stream.
- Provide information on recoverable materials found in each waste stream.
- Conduct a subsample audit on 20 FOGO compostable bags to determine how many bags had contaminants present and what the contamination composition was.
- Arrange schedule delivery of waste collection vehicles, sorting, weighing, photographing and disposal of all materials.

The analysis conducted included:

- Identification and classification of sample material;
- Total weights of materials sampled;
- Total weights of Container Deposit Scheme (CDS) materials, and;
- Count of Container Deposit Scheme (CDS) materials.

3. Methodology

3.1 Sample Selection

The sampling method chosen was Representation Sampling which selected a block area in City of Vincent that is a typical mix of known demographic characteristics.

3.2 Sample Collection

The methodology used was the "aggregation method" which requires the mechanical collection process by garbage trucks and analysis of the contents of MGB set out for General Waste, Recycling and FOGO. Samples were delivered to the Resource Recovery Group – Canning Vale Centre's Waste Audit Facility.

3.3 Weighing

Note: The sorted material was weighed in smaller fractions using weigh scales with a rated accuracy of +/- 5%; hence there may be minor discrepancies between the incoming weights and the final total weights recorded in the audit process. This factor was taken into account when viewing the data obtained. Also, environmental impacts and the components of the material samples may also influence accuracy of data/error percentages during the physical auditing process. For example, large volumes of liquid mixed in with the material may create subsequent moisture and mass loss through decomposition and evaporation.

3.4 Physical Audit Method- Sorting

The material was separated and sorted into categories of recyclable, non-recyclable, and organic components. The sample material underwent a preliminary sort to remove any large clearly visible materials. Once completed a secondary and more thorough sort was conducted where the smaller items

were removed for further inspecting and sorting. A third sort was conducted on any containers required the Container Deposit Scheme (CDS) count.

3.5 Records

The audit data was recorded using a mix of electronic and paper-based systems to create and maintain appropriate auditing records.

3.6 Limitations

The MSW, Recycling and FOGO audit does not reflect a representative sample of the City of Vincent's population. It is only reflective of the behaviors of a fortnightly cycle's worth of waste from the selected sample area. Annual seasonal variations were not considered during this audit.

4. Weights

4.1 Total Material Weights Collected

The total material weights collected over the fortnightly cycle was MSW at 1,010.3kg, Recycling at 930.8kg and FOGO at 954.8kg.

Table 2 Material Weights

	MSW	Recycling	FOGO
Total Weight	1,010.3 kg	930.8 kg	954.8 kg

4.2 Average Bin Weights

Table 3 Average Bin Weights

	MSW	Recycling	FOGO
Average Weight per Bin kg/bin	10.1 kg	9.31 kg	9.55 kg
Total Bins Collected	100	100	100
kilograms per household / per year	262.7 kg	242.0 kg	248.3 kg

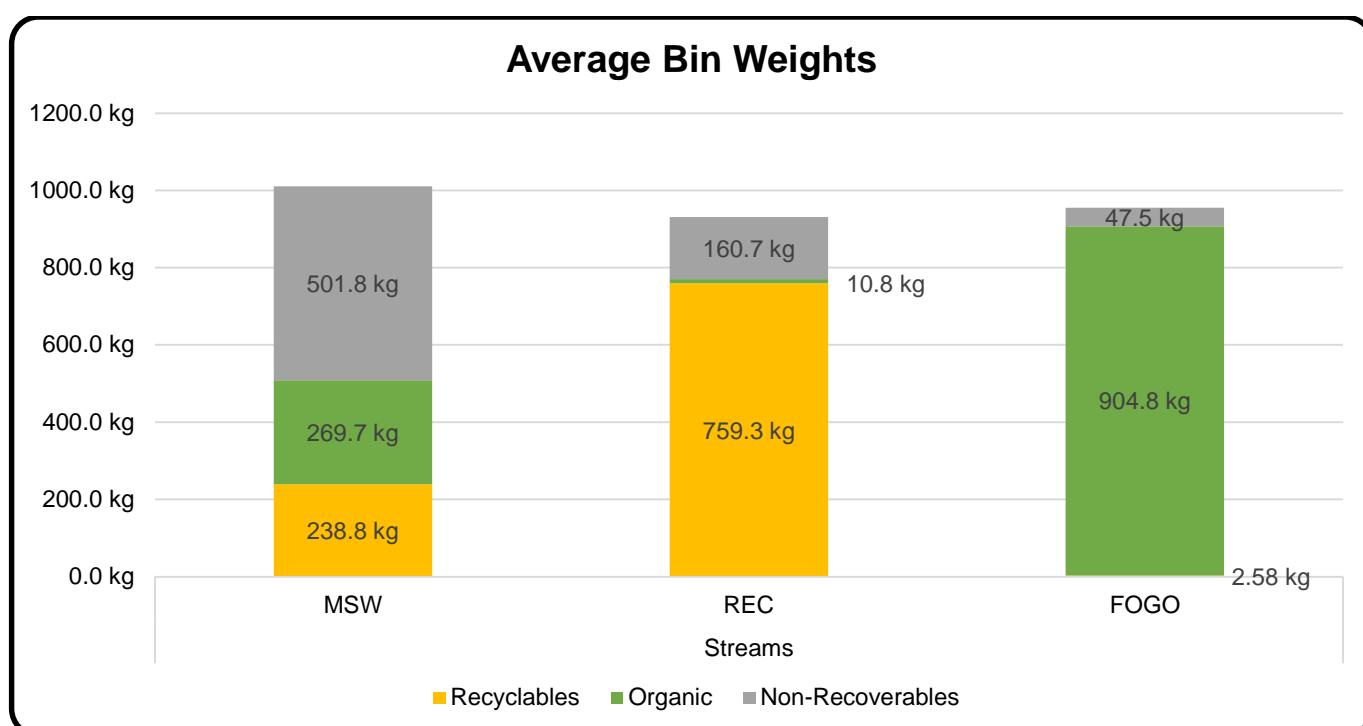


Figure 1 Vincent All Streams Average Bin Weights Recyclables, Organics and Non-Recyclables Breakdown March 2022

5. Container Deposit Scheme (CDS)

Table 4 and 5 below outlines the total weight and count of containers available to be recycled through the Container Deposit Scheme. By weight Glass containers were the highest contributor to totals available to be recycled, followed by Aluminum Cans, PET#1, Recyclable Cardboard and HDPE#2 with no Steel found in the March 2022 audit. Aluminum cans had the highest counts across the three waste streams with a total of 614 counts recorded.

Table 4 Container Deposit Scheme (CDS) Material Composition

CDS Summary	MSW		Recycling		FOGO		Total	
Item Description	Counts	Net Weight	Counts	Net Weight	Counts	Net Weight	Counts	Net Weight
Recyclable Cardboard	59	1.30 kg	286	0.50 kg	0	0.00 kg	345	1.80 kg
PET#1	112	8.41 kg	294	0.00 kg	2	0.11 kg	408	8.52 kg
HDPE#2	0	0.00 kg	6	0.22 kg	0	0.00 kg	6	0.22 kg
Glass Bottles	34	7.48 kg	247	59.2 kg	0	0.00 kg	281	66.7 kg
Aluminium Cans	154	2.17 kg	459	9.51 kg	1	0.01 kg	614	11.7 kg
Steel	0	0.00 kg	0	0.00 kg	0	0.00 kg	0	0.00 kg
Total	359	19.4 kg	1292	69.5 kg	3	0.13 kg	1654	88.9 kg

Table 5 Container Deposit Scheme (CDS) Weight and Counts Per Household Collection

Vincent	MSW	Recycling	FOGO
Container Deposit Scheme (CDS) disposed by per household / by fortnight (Weight)			
Total Kilograms collected	19.4 kg	69.5 kg	0.13 kg
Number of Samples Presented	100	100	100
kilograms per household / sample collection	0.19 kg	0.69 kg	0.001 kg
kilograms per household / per year	5.03 kg	18.1 kg	0.03 kg
Container Deposit Scheme (CDS) generated by per household / by fortnight (Counts)			
Total CDS Items	359	1292	3
Number of Samples Presented	100	100	100
Average per household / sample collection	3.59	12.9	0.03
Estimated Average per household / per year	93.3	335.9	0.78

6. Key Performance Indicators (KPIs)

6.1 General Waste (MSW) generation by household/fortnight/year

The total weight of MSW materials received was 1,010.3kg, from this the weight of the waste per household, per fortnight, per year was determined to be 262.7Kg.

Table 6 KPI - General Waste (MSW) disposed by per household/fortnight/year

MSW generation by household/fortnight	Vincent
Total Kilograms collected	1,010.3 kg
Number of Samples Presented	100
kilograms per household / sample fortnight	10.1 kg
kilograms per household / per year (26 weeks)	262.7 kg

The following graph gives a visual representation of the MSW Bin Breakdown, demonstrating that Other (ceramics, earth, non-recyclable paper, non-recyclable cardboard and plastic, dust n' dirt) accounted for 44.0%, in the MSW stream. Followed by Organic (food waste, packaged food waste, garden organics) at 26.7%, Recyclables at 23.6% and Hazardous (batteries, pathogenic infectious) at 5.69%.

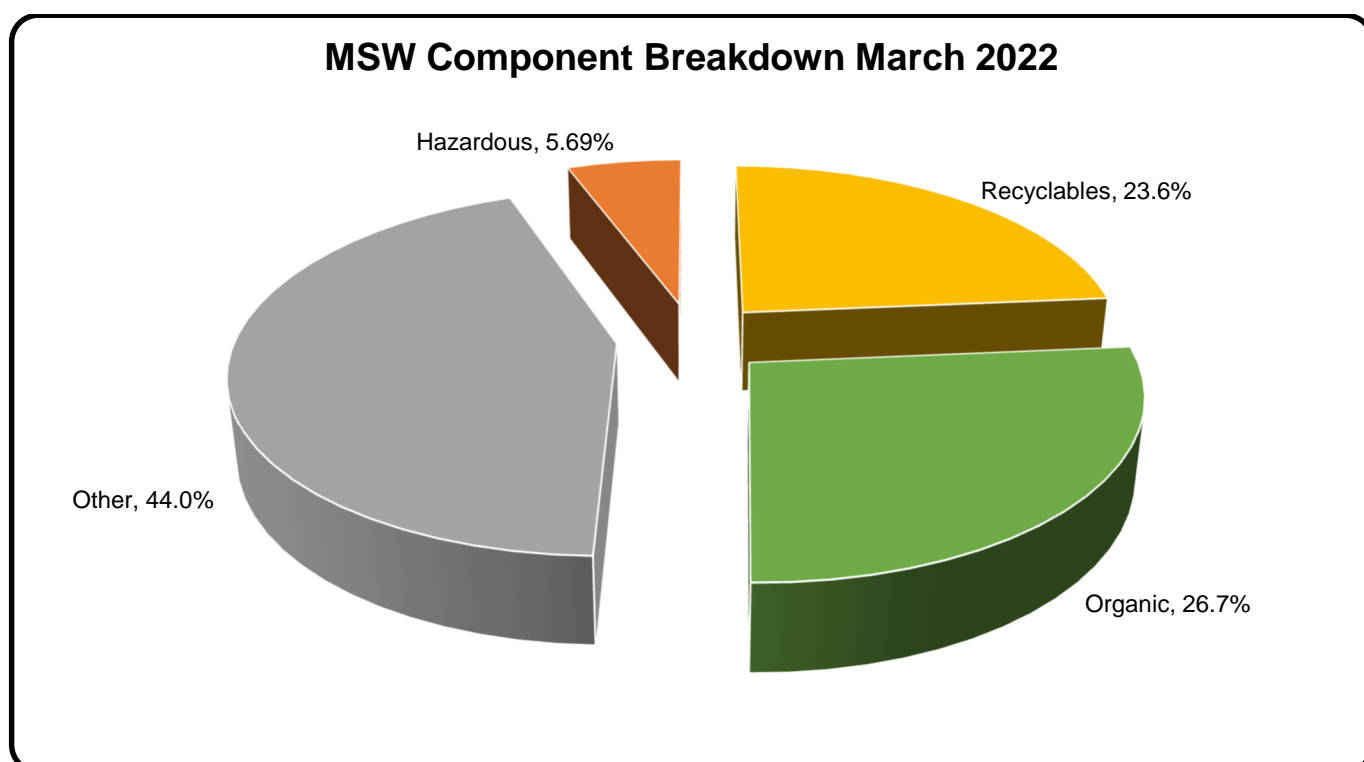


Figure 2 Vincent MSW Component Breakdown March 2022

Waste Breakdown of Organic Component March 2022

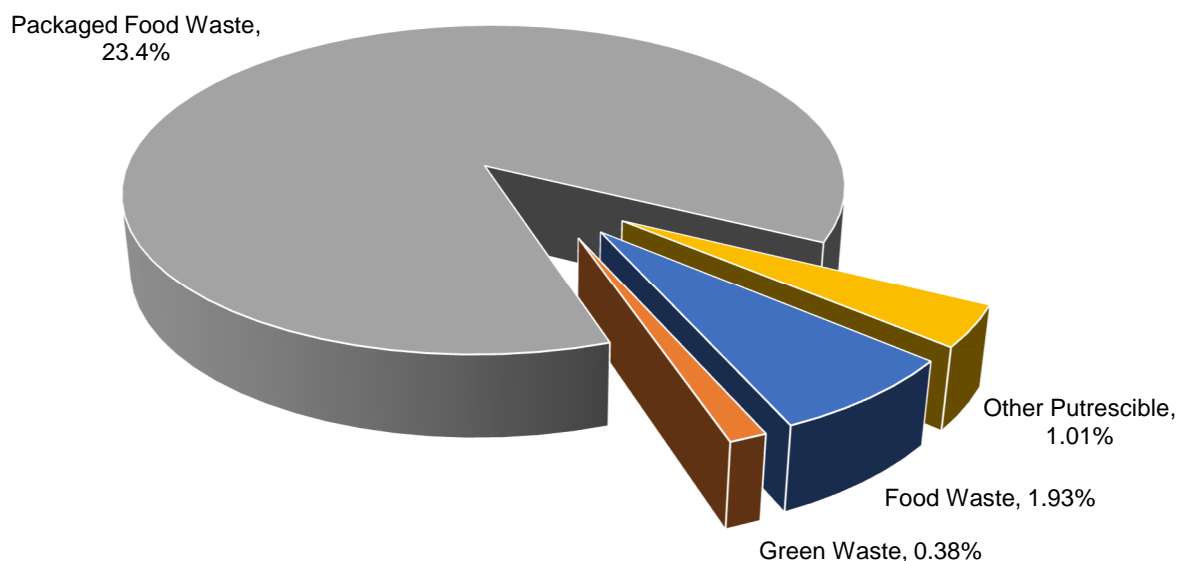


Figure 3 Vincent MSW Organic Breakdown March 2022

The organic component of the MSW stream accounted for 26.7% of materials sorted and weighed. The largest component consisted of Packaged Food Waste at 23.4%, followed by Food Waste at 1.93%, Other Putrescible (animal excrement) at 1.01% and Green Waste at 0.38%.

6.2 Recyclables generation by per household /fortnight/year

The audit results below show the bins kilogram average of 9.31kg per household / per fortnight across the Vincent recycling stream.

Table 7 KPI – Recyclables disposed by per household/fortnight/year

Recyclables disposed by per household/fortnight	Vincent
Total Kilograms collected	930.8 kg
Number of Samples Presented	100
kilograms per household / sample fortnight	9.31 kg
kilograms per household / per year (26 Weeks)	242.0 kg

Recyclables Contamination Percentage March 2022

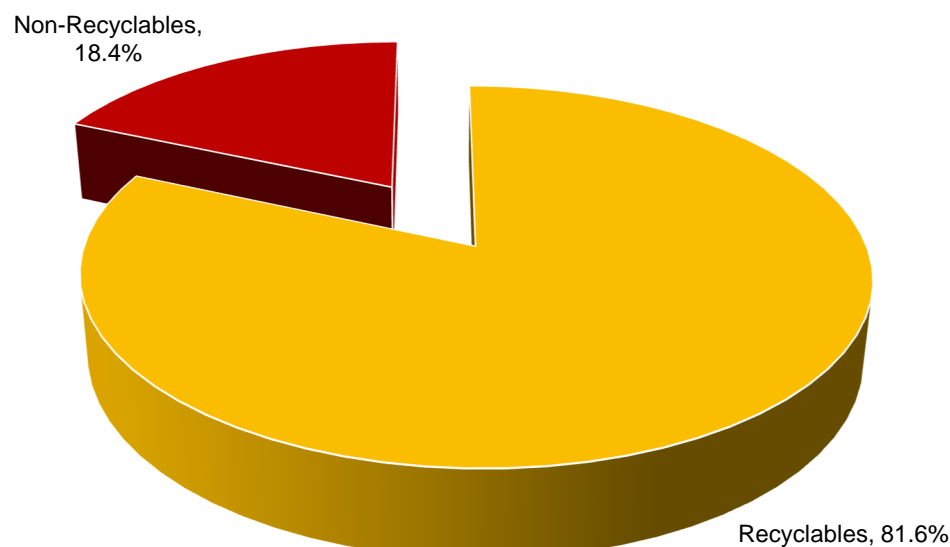


Figure 4 Vincent Recyclables Contamination March 2022

Figure 4 gives a visual representation of the recycling waste bin breakdown, demonstrating that 81.6% of contents in the recycling bin was made up of recyclable materials.

Breakdown of Contamination in Recycling March 2022

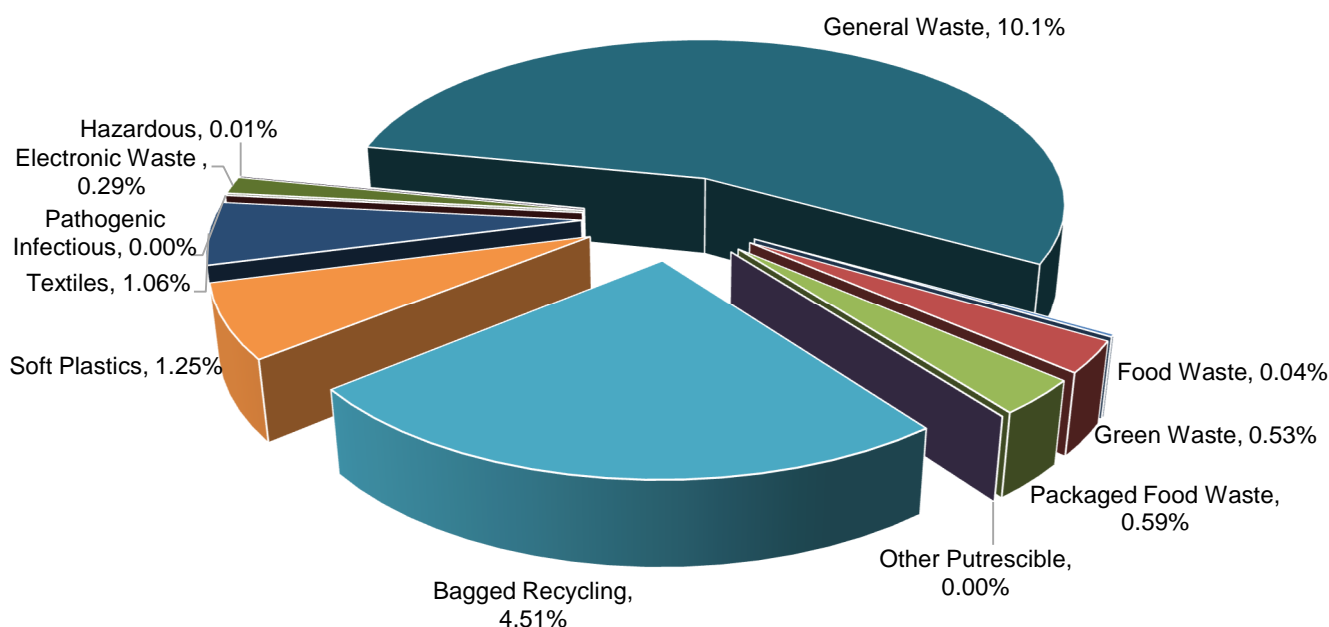


Figure 5 Vincent Recyclables Contamination Breakdown March 2022

In Figure 5 it demonstrates the non-recyclable component of the recycling bin stream, consisting of: General Waste (ceramics, water filters, masks, stationary) at 10.1%, Bagged Recycling at 4.51%, Soft Plastics (plastic bags, aluminium foil lined chip packets) at 1.25%, Textiles (pillows, clothing items) at 1.06%, Packaged Food Waste at 0.59%, Green Waste at 0.53%, Electronic Waste (kettle, speakers, headphones) at 0.29%, Food Waste at 0.04% and Hazardous (batteries, light globes) at 0.01%. There was no Other Putrescible or Pathogenic Infectious (nappies) found in the March 2022 recycling audit.

6.3. Food Organics and Garden Organics (FOGO) Breakdown and Composition

6.3.1 Food Organics and Garden Organics (FOGO) generation by household/fortnight/year

The total weight of FOGO materials received was 954.8kg, from this the FOGO waste per household, per fortnight, per year was determined to be 248.3kg of FOGO waste generated from each household on an annual basis.

Table 8 KPI - Food Organic & Garden Organic (FOGO) disposed by per household/fortnight/year

FOGO disposed by per household/fortnight/year	Vincent
Total Kilograms collected	954.8 kg
Number of Samples Presented	100
kilograms per household / sample fortnight	9.55 kg
kilograms per household / per year (26 Weeks)	248.3 kg

FOGO Component Breakdown March 2022

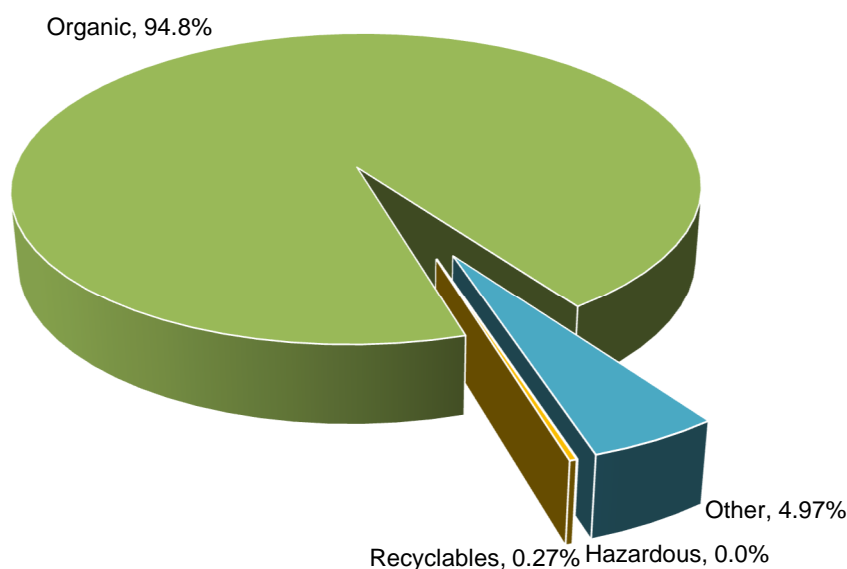


Figure 6 Vincent FOGO Component Breakdown March 2022

Figure 6 gives a visual representation of the FOGO waste bin breakdown, demonstrating that 94.8% of all materials were Organics (green waste, food waste, other putrescible). This was followed by Other (bagged FOGO in non-compostable bags, soft plastics, textiles) at 4.97%, Recyclables at 0.27% and Hazardous at 0.0%.

FOGO Breakdown of Organic Component March 2022

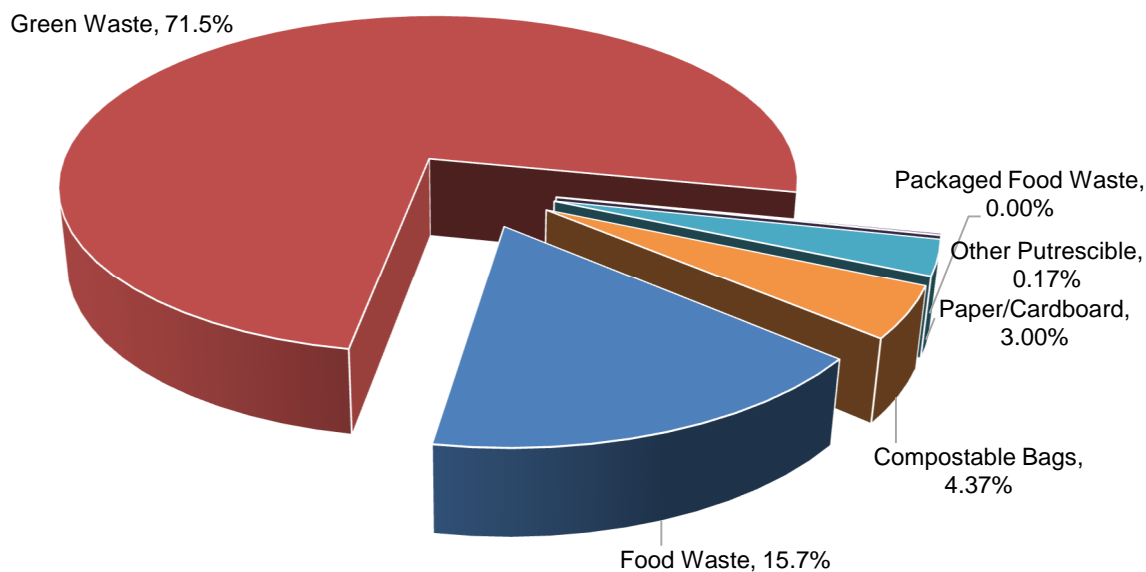


Figure 7 Vincent FOGO Organic Component Breakdown

The composition of the organic component of the FOGO stream consisted of Green Waste at 71.5% followed by Food Waste at 15.7%, Compostable Bags at 4.37%, Soiled Paper/Cardboard at 3.00%, Other Putrescible at 0.17% and with no Packaged Food Waste found.

Breakdown of Contamination in FOGO March 2022

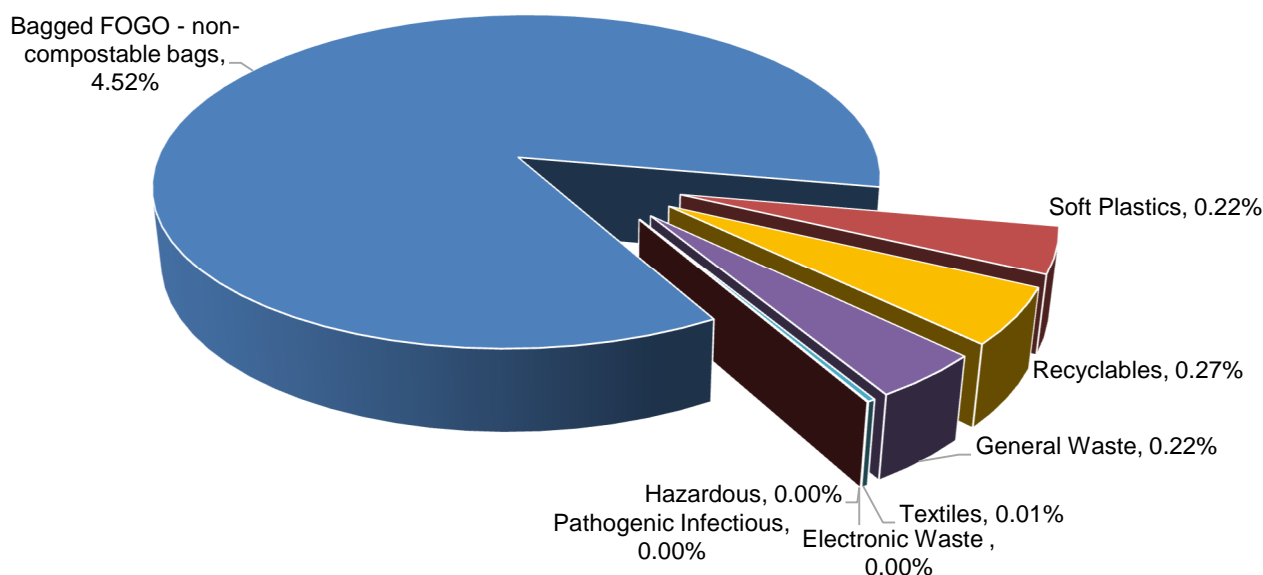


Figure 8 Vincent FOGO Contamination Breakdown March 2022

The contamination found in the FOGO stream consisted of Bagged FOGO in non-compostable bags at 4.52%, Recyclables at 0.27%, Soft Plastic at 0.22%, General Waste (wood, photo frame, medical waste) at 0.22% and Textiles at 0.01%. There was no Pathogenic Infectious, Electronic and Hazardous Waste found in the FOGO stream of the March 2022 audit.

6.3.2 FOGO Subsample

An analysis was conducted on 20 FOGO compostable bag samples to determine how many bags had contaminants present and the composition of the contamination.

FOGO Compostable Bags Subsample Contamination Rate

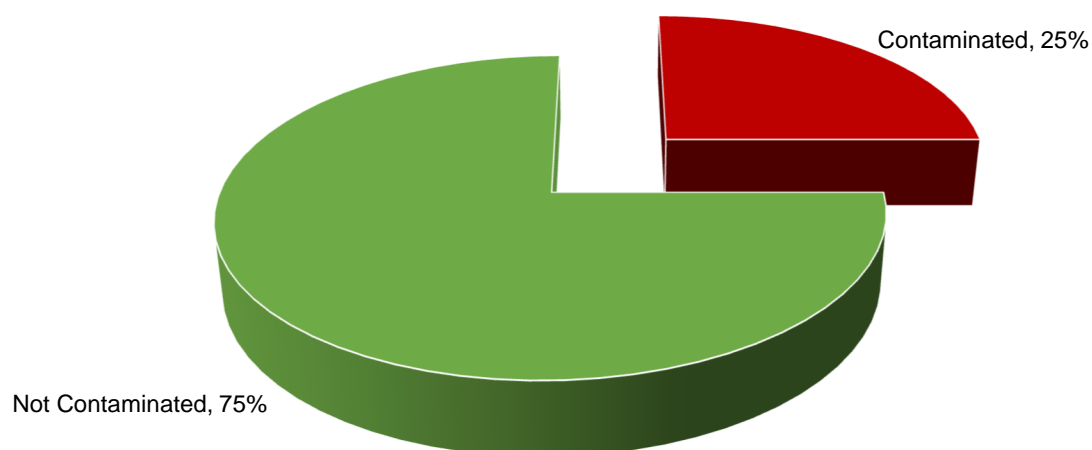


Figure 9 Vincent FOGO Contamination Rate in Compostable Bags Subsample

FOGO Compostable Bags Subsample March 2022

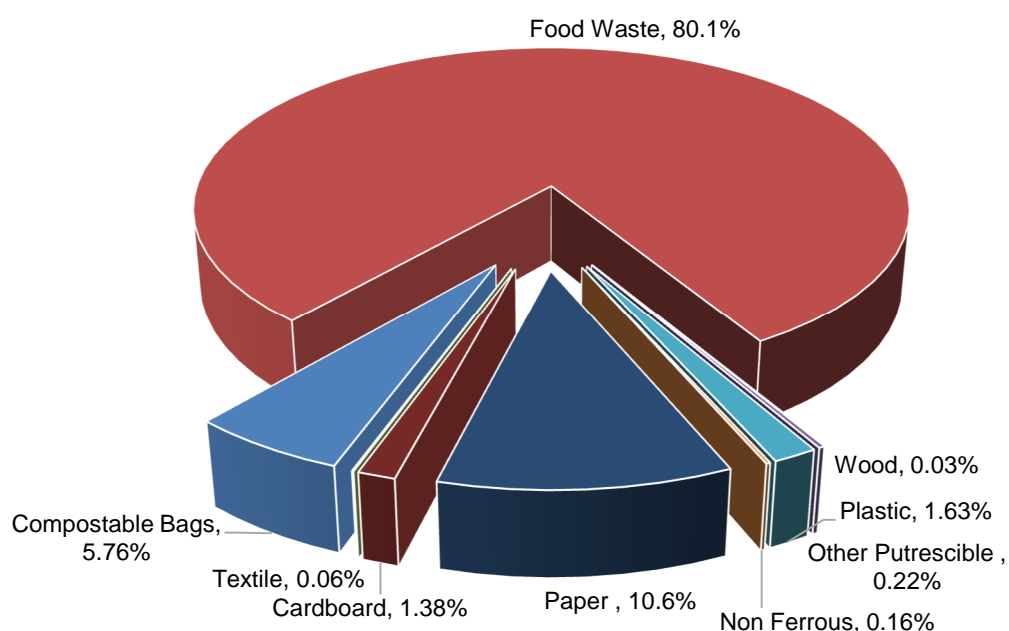


Figure 10 Vincent FOGO Compostable Bags Subsample Composition

The March 2022 FOGO compostable bag subsample demonstrated that 1 in 4 FOGO Compostable bags had contaminants present. The contaminants were found to be Plastic at 1.63%, Aluminium at 0.16% and Textiles at 0.06% with all other materials organic in nature.

6.4 Recovery Rates – All Streams

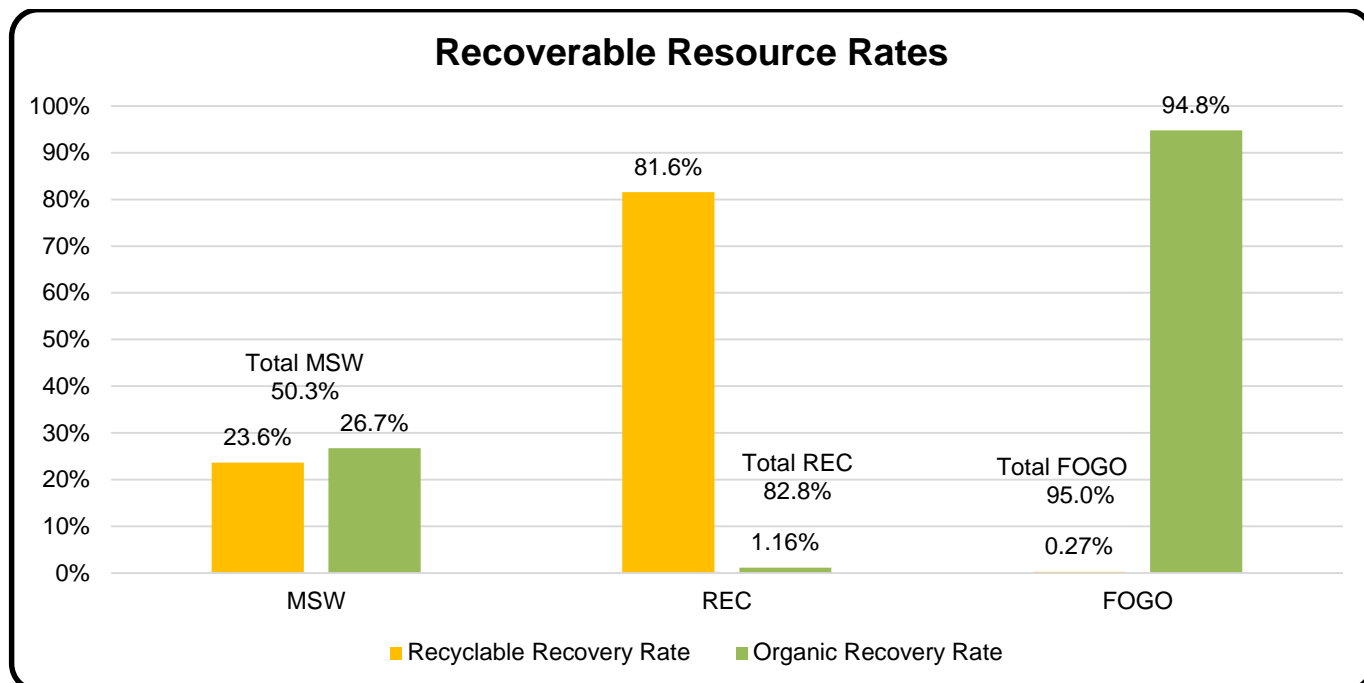


Figure 11 Resource Recovery Rates

In Figure 11 it demonstrates the resource recovery rates for each stream. The resource recovery rate is highest in the FOGO stream with 95.0% of materials recoverable, followed by Recycling at 82.8% and MSW at 50.3%.

All Streams Component Percentages Comparison March 2022

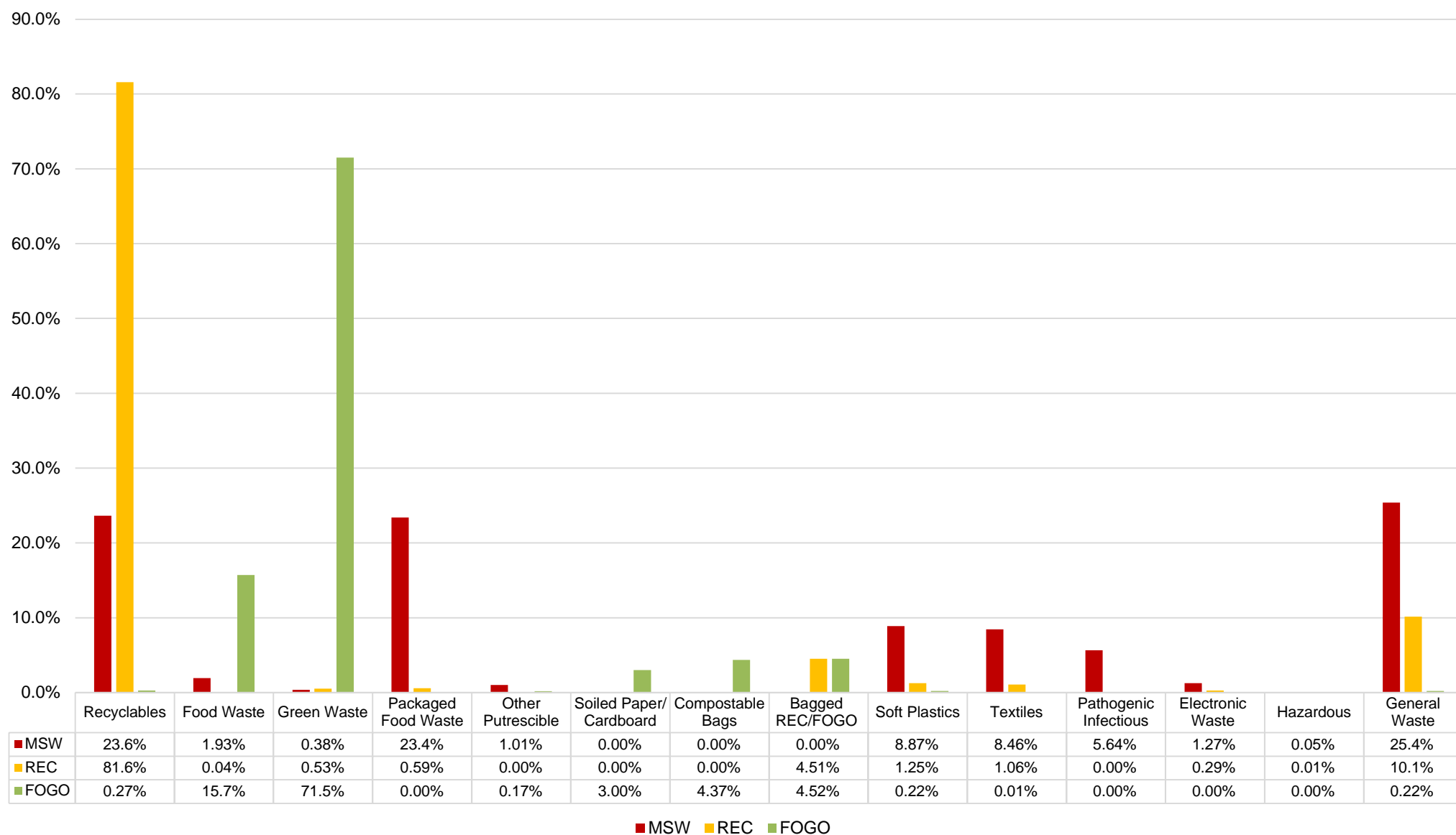


Figure 12 Vincent All Streams Component Comparison March 2022

7. MSW Photos



Newspaper



Glossy Paper



Office Paper



Other Paper



Contaminated Paper



Corrugated Cardboard



Flat Cardboard



Non Foil Lined Liquid Paper Board



Foil Lined Liquid Paper Board



PET #1 Plastics



HDPE #2 Plastics



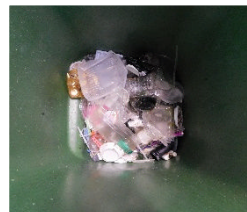
PVC #3 Plastics



LDPE #4 Plastics



Polypropylene #5 Plastics



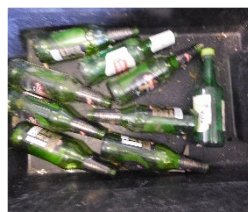
Polystyrene #6 Plastics



Plastic Bags



Fetch TV



Green Glass



Clear Glass



Foam



Aluminium Foil



Aluminium Cans



Steel Cans



Steel Aerosols



Textiles



Medical Waste



Cat Litter



Textiles



Nappies



Wood



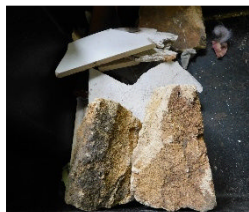
Green Waste



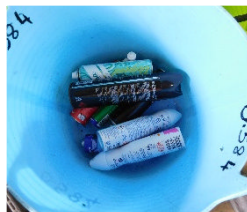
Packaged Food Waste



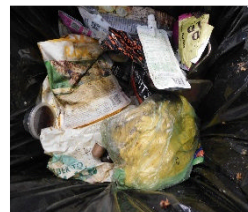
Dust 'n' Dirt



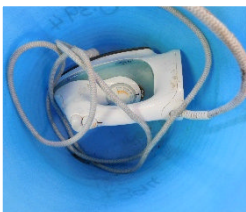
Building Material



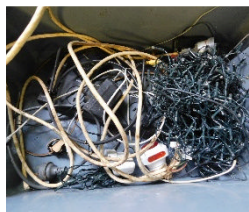
Aluminium Aerosols



Packaged Food Waste



Iron



Electrical Items



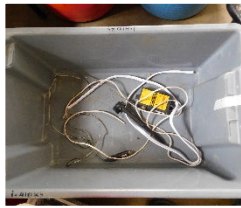
Light Bulbs



Disposable Gloves



Electrical Items



Electrial Items



Batteries



Batteries



Ferrous Metal



Sanitary



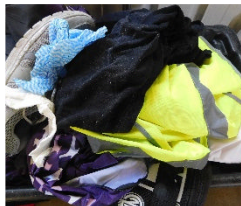
Miscellaneous



Balloons



Plastic Film



Textiles



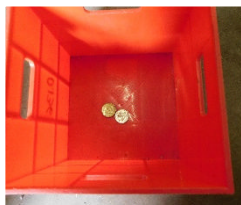
Flipper



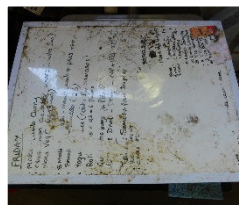
Candles



Pharmaceuticals



Coins

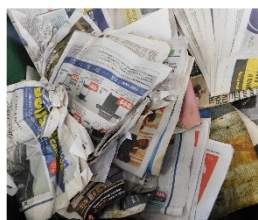


White Board

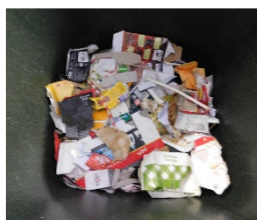


Shoes

8. Recyclables Photos



Newspaper



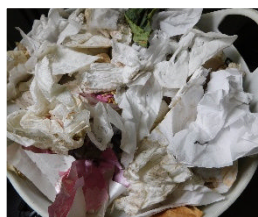
Glossy Paper



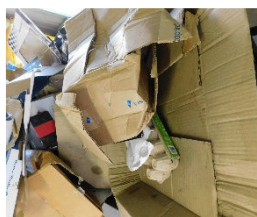
Office Paper



Other Paper



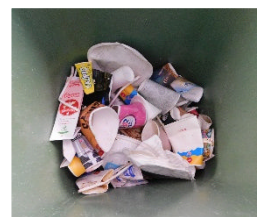
Contaminated Paper



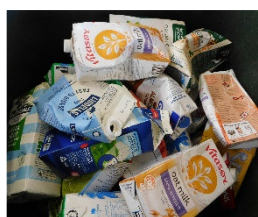
Corrugated Cardboard



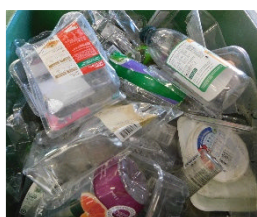
Flat Cardboard



Non Foil Lined Liquid Paper Board



Foil Lined Liquid Paper Board



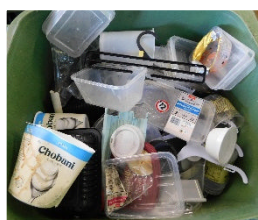
PET #1 Plastics



HDPE #2 Plastics



LDPE #4 Plastics



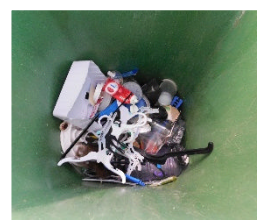
Polypropylene #5 Plastics



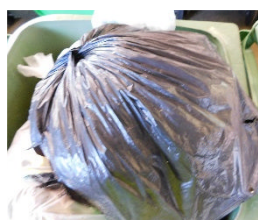
Polystyrene #6 Plastics



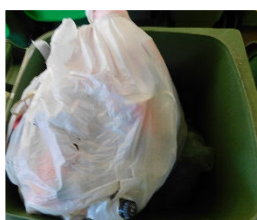
Plastic Bags



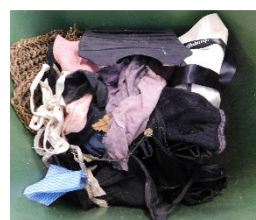
Plastics #7



Bagged Recycling



Bagged Recycling



Textiles



Amber Glass



Green Glass



Clear Glass



Mixed Glass



Kettle



Aluminium Cans



Steel Cans



Steel Aerosols



Batteries



Light Globe



Medical Waste



Frying Pan



Ceramics



Green Waste



Food Waste



Aluminium Aerosols

9. FOGO Photos



Compostable Bags



Food Waste



Food Waste



Green Waste



Green Waste



Other Putrescible



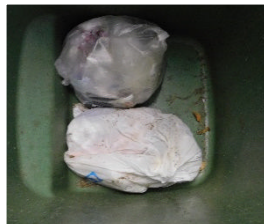
Contaminated Paper



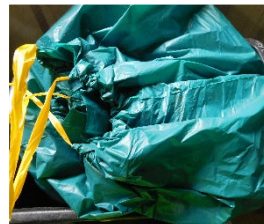
Contaminated Paper



Bagged FOGO in non-compostable bags



Bagged FOGO in non-compostable bags



Bagged FOGO in non-compostable bags



Shredded Paper



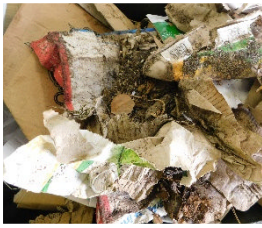
Textiles



Aluminium Foil



Plastic



Cardboard



Medical Waste



Wood



Other Paper



Wood



PET #1



Aluminium Can



Glossy Paper



Steel Can



Glass



Aluminium Foil



HDPE #2



Polypropylene #5

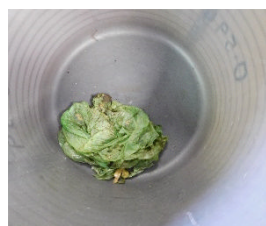


Aluminium Foil

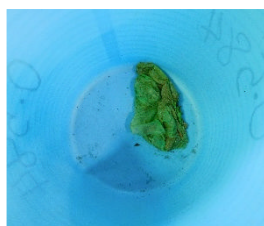


Composite Paper

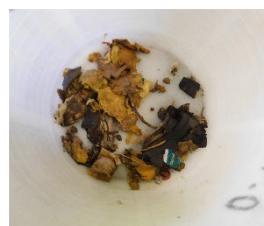
10. FOGO Compostable Bag Subsample Photos



Compostable Bags



Compostable Bags



Food Waste



Food Waste



Food Waste



Other Putrescible



Contaminated Paper



Contaminated Paper



Plastic



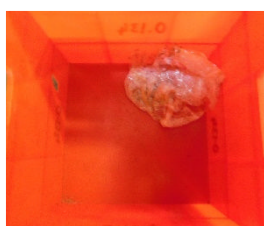
Aluminium Foil



Wood



Non Compostable Plastic Bag



Cling Film



Plastic



Non Compostable Plastic Bag

17 MEMBERS' MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

18 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING

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

SECONDED CR

19.1 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE (D2022/08116)

This item is recommended to be confidential because it contains matters of legal advice.

See 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(S)

MOVED CR

SECONDED CR

Recording of the resolutions passed behind closed doors, namely:

19.1 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE (D2022/08116)

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR

20 FUTURE MEETINGS OF COUNCIL

The next meeting of Council will be held on Thursday 23 June 2022 at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, Ascot WA 6104 commencing at 6.00pm.

Future Meetings 2022

Thursday	23	June		at	EMRC Administration Office
Thursday	28	July	(If Required)	at	EMRC Administration Office
Thursday	25	August	(If Required)	at	EMRC Administration Office
Thursday	22	September	(If Required)	at	EMRC Administration Office
Thursday	27	October	(If Required)	at	EMRC Administration Office
Thursday	24	November	(If Required)	at	EMRC Administration Office

21 DECLARATION OF CLOSURE OF MEETING