

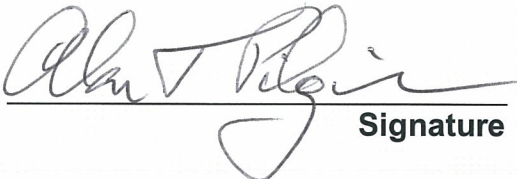


MINUTES

CERTIFICATION OF CONFIRMATION OF COUNCIL MEETING MINUTES

19 FEBRUARY 2015

I, Cr Alan Pilgrim, hereby certify that the minutes from the Council Meeting held on 19 February 2015 pages (1) to (293) were confirmed at a meeting of Council held on 19 March 2015.



Signature

**Cr Alan Pilgrim
Person presiding at Meeting**



MINUTES

Ordinary Meeting of Council

19 February 2015

ORDINARY MEETING OF COUNCIL

MINUTES

19 February 2015

(REF: D2015/00181)

An Ordinary Meeting of Council was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 19 February 2015**. The meeting commenced at **6:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 6:00pm.

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

Councillor Attendance

Cr Alan Pilgrim (Chairman)	EMRC Member	Shire of Mundaring
Cr Janet Powell (Deputy Chairman)	EMRC Member	City of Belmont
Cr Jennie Carter	EMRC Member	Town of Bassendean
Cr Gerry Pule	EMRC Member	Town of Bassendean
Cr Mike Anderton	EMRC Member	City of Bayswater
Cr Chris Cornish	EMRC Member	City of Bayswater
Cr Steve Wolff	EMRC Member	City of Belmont
Cr Dylan O'Connor	EMRC Member	Shire of Kalamunda
Cr Frank Lindsey	EMRC Member	Shire of Kalamunda
Cr Tony Cuccaro	EMRC Member	Shire of Mundaring
Cr David Färdig	EMRC Member	City of Swan
Cr Charlie Zannino	EMRC Member	City of Swan

EMRC Officers

Mr Peter Schneider	Chief Executive Officer
Mr Hua Jer Liew	Director Corporate Services
Mr Steve Fitzpatrick	Director Waste Services
Mrs Marilynn Horgan	Director Regional Services
Miss Giulia Bono	Acting Executive Assistant to Chief Executive Officer
Mrs Annie Hughes-d'Aeth	Personal Assistant to Director Corporate Services (Minutes)

EMRC Observers

Mr David Ameduri	Manager Financial Services
Mrs Prapti Mehta	Manager Human Resources
Ms Izabella Krzysko	Workplace Advisor
Mr Rob Medbury	Senior Risk Advisor
Mr Drew Morton	Occupational Safety and Health Coordinator
Ms Joanne Woodbridge	Environment and Sustainability Coordinator

Observers

Cr Phil Marks	EMRC Deputy Member	City of Belmont
Cr Andrew Waddell	EMRC Deputy Member	Shire of Kalamunda
Mr Bob Jarvis	Chief Executive Officer	Town of Bassendean
Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Charles Sullivan	Director Development & Infrastructure Services (outgoing)	Shire of Kalamunda
Mr Dennis Blair	Director Development & Infrastructure Services (incoming)	Shire of Kalamunda



3 DISCLOSURE OF INTERESTS

3.1 CR TONY CUCCARO – DISCLOSURE OF INTERESTS AFFECTING IMPARTIALITY:

Item: 19.2
Subject: Confidential Report Item 19.2 Hazelmere Woodwaste To Energy Plant Update
Nature of Interest: Disclosure of Interests Affecting Impartiality, EMRC Code of Conduct 1.3(a).
Due to Consultant being known to Cr Cuccaro.

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

4.1 BIENNIAL COCKTAIL FUNCTION

This year's Biennial Stakeholder cocktail function will be held on the evening of Thursday, 12 March 2015. Please RSVP before Friday 27 February 2015, if you haven't done so already.

The evening provides a wonderful opportunity for interaction with decision makers and stakeholders of Perth's Eastern Region.

4.2 PERTH'S AUTUMN FESTIVAL

The festival's events commence on the 21 February 2015 and will conclude on the 31 May 2015.

Perth's Autumn Festival previously comprised of 8 events over a six week period. This year the program has been expanded to include the promotion of over 50 events throughout the whole of Autumn.

This is a great time to promote the Region and has been made possible through partnerships with Lotterywest, Midland Gate and Perth Airport.

A brochure outlining this year's program has been provided for your information.

4.3 BUSH SKILLS FOR YOUTH

The Bush Skills For Youth program is a new initiative developed by the EMRC through the Eastern Hills Catchment Management program.

The aim is to connect youth with the environment, and provide them with hands on practical experience, raise their awareness of the environment and encourage young people to become future environmental stewards.

The program will run for two years and has been funded through Lotterywest. The funding has enabled the EMRC to employ an officer part-time to run the program.

The Chairman thanked Lotterywest for their combined funding of \$73,155 for Perth's Autumn Festival and the Bush Skills For Youth program. Their continued support of the EMRC is greatly appreciated.

4.4 SILVER HEALTHY WORKPLACE AWARD

The Healthy Workers Initiative delivered by the Heart Foundation WA, in collaboration with the Cancer Council WA and the University of Western Australia, recognises healthy workplaces in Western Australia.

The EMRC has been recognised as a silver healthy workplace under this program, through the activities coordinated by EMRC's Health Promotion Team who are Mr Drew Morton, Mr Ben Power, Ms Izabella Krzysko, Ms Roberta Circosta and Mr Rob Medbury.

The EMRC achieved silver recognition by demonstrating commitment to improving the health and wellbeing of staff.



Item 4 continued

Mr Morton, Mr Medbury and Ms Krzysko of the Health Promotion Team presented the certificate to the EMRC Council. Mr Morton briefed the Council on the purpose of the award.

Local Government Reform

The Chairman explained to councillors that due to the Local Government reform process ceasing, the previously agreed changes to the EMRC Establishment Agreement will now need to be addressed and as such a report by officers will be presented to Council at a future Ordinary Meeting of Council.

5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

Nil

6 PUBLIC QUESTION TIME

Nil

7 APPLICATIONS FOR LEAVE OF ABSENCE

7.1 CRS MIKE ANDERTON, TONY CUCCARO, CHARLIE ZANNINO, JENNIE CARTER AND DAVID FÄRDIG - LEAVE OF ABSENCE

COUNCIL RESOLUTION(S)

MOVED CR CORNISH

SECONDED CR PULE

THAT COUNCIL APPROVE APPLICATIONS FOR LEAVE OF ABSENCE FOR CR ANDERTON FROM 10 MARCH 2015 TO 19 MARCH 2015 INCLUSIVE, CR CUCCARO FROM 14 MARCH 2015 TO 18 APRIL 2015 INCLUSIVE, CR ZANNINO FROM 22 MARCH 2015 TO 27 MARCH 2015 INCLUSIVE, CR CARTER FROM 25 MARCH 2015 TO 7 APRIL 2015 INCLUSIVE AND CR FÄRDIG FROM 19 MAY 2015 TO 19 JUNE 2015 INCLUSIVE.

CARRIED UNANIMOUSLY

8 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil

9 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

9.1 MINUTES OF ORDINARY MEETING OF COUNCIL HELD ON 4 DECEMBER 2014

That the minutes of the Ordinary Meeting of Council held on 4 December 2014 which have been distributed, be confirmed.

COUNCIL RESOLUTION

MOVED CR PULE

SECONDED CR CORNISH

THAT THE MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 4 DECEMBER 2014 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY



10 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil

11 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil

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

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

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

12.1 ITEM 17.1 OF THE INVESTMENT COMMITTEE MINUTES

INVESTMENT COMMITTEE LEGAL UPDATE

12.2 HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE

13 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



14 REPORTS OF EMPLOYEES

QUESTIONS

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

RECOMMENDATION(S)

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

COUNCIL RESOLUTION(S)

MOVED CR ZANNINO

SECONDED CR CUCCARO

THAT WITH THE EXCEPTION OF ITEMS 14.4 and 14.5, WHICH ARE TO BE WITHDRAWN AND DEALT WITH SEPARATELY, COUNCIL ADOPTS THE RECOMMENDATIONS IN THE REPORTS OF EMPLOYEES (SECTION 14).

CARRIED UNANIMOUSLY

Councillors thanked the EMRC for the new format adopted for item 14.1 List of Accounts Paid During the Months of November, December 2014 and January 2015.

Councillors were reminded that should they have any questions on any of the reports that they please submit them or discuss them with the responsible officer or CEO prior to the meeting.



14.1 LIST OF ACCOUNTS PAID DURING THE MONTHS OF NOVEMBER 2014, DECEMBER 2014 AND JANUARY 2015

REFERENCE: D2015/01951

PURPOSE OF REPORT

The purpose of this report is to present to Council a list of accounts paid under the Chief Executive Officer's delegated authority during the months of November 2014, December 2014 and January 2015 for noting.

KEY ISSUES AND RECOMMENDATION(S)

- As per the requirements of the Local Government (Financial Management) Regulations 1996 (Regulation 13(1)), the list of accounts paid during the months of November 2014, December 2014 and January 2015 is provided for noting.

Recommendation(s)

That Council notes the CEO's list of accounts for November 2014, December 2014 and January 2015 paid under delegated power in accordance with Regulation 13(1) of the Local Government (Financial Management) Regulations 1996, as attached to this report totalling \$13,042,644.34.

SOURCE OF REPORT

Director Corporate Services
Manager Financial Services

BACKGROUND

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

At the meeting of Council on 4 December 2014 (Ref: D2014/12979) it was resolved:

"THAT COUNCIL PURSUANT TO SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995, AMENDS THE DELEGATION TO THE CHIEF EXECUTIVE OFFICER WITH RESPECT TO PAYMENTS FROM THE MUNICIPAL OR TRUST FUNDS, TO INCLUDE A CONDITION THAT THE CHIEF EXECUTIVE OFFICER IS TO PROVIDE A BRIEF DESCRIPTION OUTLINING THE NATURE OF EACH TRANSACTION AND PAYMENT MADE FROM MUNICIPAL OR TRUST FUNDS ON A MONTHLY BASIS."



Item 14.1 continued

REPORT

The table below summarises the payments drawn on the funds during the months of November 2014, December 2014 and January 2015. A list detailing the payments made is appended as an attachment to this report.

Municipal Fund	EFT Payments:	EFT31520 – EFT32334	
	Cheque Payments	219987 – 220020	
	Payroll EFT	PAY 2015-10, PAY 2015-11 PAY 2015-12, PAY 2015-13, PAY 2015-14, PAY 2015-15 & PAY 2015-16	
	DIRECT DEBITS Superannuation	DD13860.1 – DD13860.17, DD13861.1 - DD13861.17, D13996.1 – DD13996.15, DD13997.1 – DD13997.16, DD13998.1 – DD13998.18, DD14083.1 – DD14083.17, DD14084.1 & DD14084.4 & DD14085.1 – DD14085.18	
	Bank Charges	1*NOV14, 1*DEC14 & 1*JAN15	
	Other	883 - 913	\$13,052,004.87
	Less		
	Cancelled EFTs & Cheques	EFT32218 DD14084.2 & DD14084.3	(\$9,360.53)
Trust Fund	Not Applicable		Nil
Total			\$13,042,644.34

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

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

FINANCIAL IMPLICATIONS

As contained within the report.



Item 14.1 continued

SUSTAINABILITY IMPLICATIONS

Nil

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

CEO's Delegated Payments List for the months of November 2014, December 2014 and January 2015
(Ref: D2015/02141)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council notes the CEO's list of accounts for November 2014, December 2014 and January 2015 paid under delegated power in accordance with Regulation 13(1) of the Local Government (Financial Management) Regulations 1996, as attached to this report totalling \$13,042,644.34.

COUNCIL RESOLUTION(S)

MOVED CR ZANNINO

SECONDED CR CUCCARO

THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR NOVEMBER 2014, DECEMBER 2014 AND JANUARY 2015 PAID UNDER DELEGATED POWER IN ACCORDANCE WITH REGULATION 13(1) OF THE LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996, AS ATTACHED TO THIS REPORT TOTALLING \$13,042,644.34.

CARRIED UNANIMOUSLY

Eastern Metropolitan Regional Council



CEO's DELEGATED PAYMENTS LIST

FOR THE MONTHS OF NOVEMBER 2014, DECEMBER 2014 & JANUARY 2015

Cheque /EFT No	Date	Payee	Payment Description	Amount
EFT31520	04/11/2014	AIRLITE CLEANING	CLEANING EXPENSES	3,736.36
EFT31521	04/11/2014	ALLIANCE RECRUITMENT	LABOUR HIRE	2,266.25
EFT31522	04/11/2014	AUSTRALIA POST - ASCOT PLACE	POSTAL SERVICES	1.47
EFT31523	04/11/2014	AUSTRALIA POST - RED HILL	POSTAL SERVICES	267.09
EFT31524	04/11/2014	BEAUMONDE CATERING	CATERING COST	2,240.75
EFT31525	04/11/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,679.76
EFT31526	04/11/2014	CITY OF SWAN	SITE MAINTENANCE	1,732.50
EFT31527	04/11/2014	DUN & BRADSTREET PTY LTD	CREDIT REFERENCE CHECKS	29.70
EFT31528	04/11/2014	LANDFILL GAS & POWER PTY LTD	ELECTRICITY CHARGES	12,159.55
EFT31529	04/11/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	3,023.51
EFT31530	04/11/2014	RECRUITWEST	LABOUR HIRE	259.42
EFT31531	04/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	STATIONERY	271.55
EFT31532	04/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	147.26
EFT31533	04/11/2014	TELSTRA	TELEPHONE CHARGES	174.31
EFT31534	04/11/2014	TELSTRA	TELEPHONE CHARGES	471.19
EFT31535	04/11/2014	VERTICAL TELECOM WA PTY LTD (VERTEL)	EQUIPMENT HIRE & PURCHASE	924.00
EFT31536	04/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,327.56
EFT31537	07/11/2014	ALLIGHTSYKES PTY LTD	ELECTRICAL REPAIRS	998.43
EFT31538	07/11/2014	CJD EQUIPMENT PTY LTD	PLANT PARTS, REPAIR & SERVICE	635.05
EFT31539	07/11/2014	COVS PARTS PTY LTD	PURCHASE OF PLANT & EQUIPMENT	130.68
EFT31540	07/11/2014	DEPARTMENT OF THE ENVIRONMENT	LICENCE FEE	2,248.00
EFT31541	07/11/2014	FLEXI STAFF PTY LTD	LABOUR HIRE	1,264.34
EFT31542	07/11/2014	HILLS FRESH	STAFF AMENITIES	50.76
EFT31543	07/11/2014	HUA JER LIEW	STAFF REIMBURSEMENT	1,168.00
EFT31544	07/11/2014	KENNARDS HIRE	EQUIPMENT HIRE	345.80
EFT31545	07/11/2014	KLB SYSTEMS	IT EQUIPMENT PURCHASE	1,375.00
EFT31546	07/11/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	53.05
EFT31547	07/11/2014	NICHOLAS ELLIOTT	STAFF REIMBURSEMENT	498.95
EFT31548	07/11/2014	OPTUM HEALTH & TECHNOLOGY (AUSTRALIA) PTY LTD	ANNUAL EAP SUBSCRIPTION	1,650.00
EFT31549	07/11/2014	PRESTIGE ALARMS	SECURITY MONITORING, MAINTENANCE & SUPPLY	110.00
EFT31550	07/11/2014	ROBBRO WA PTY LTD	REFUND OF CUSTOMER OVERPAYMENT	31.00
EFT31551	07/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	46.55
EFT31552	07/11/2014	SPUDS GARDENING SERVICES	GROUNDS AND GARDEN MAINTENANCE	2,282.00
EFT31553	07/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	21.67
EFT31554	07/11/2014	TOX FREE SOLUTIONS	CONTROLLED WASTE REMOVAL	2,825.13
EFT31555	07/11/2014	VEOLIA ENVIRONMENTAL SERVICES (AUSTRALIA) P/L	WASTE REMOVAL	2,563.00
EFT31556	07/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	420.99
EFT31557	10/11/2014	A1 WASTE MANAGEMENT P/L TRADING AS ENCORE	CARBON TAX REFUND	3,828.31
EFT31558	10/11/2014	ARB CORPORATION LIMITED	CARBON TAX REFUND	7.37
EFT31559	10/11/2014	ATLAS GROUP PTY LTD	CARBON TAX REFUND	200.47
EFT31560	10/11/2014	BRAJKOVICH DEMOLITIONS PTY LTD	CARBON TAX REFUND	27.38
EFT31561	10/11/2014	BROWNES FENCING	CARBON TAX REFUND	118.98
EFT31562	10/11/2014	CAMBERCENTRIC PTY LTD T/A HS HYDE AND SON	CARBON TAX REFUND	4.00
EFT31563	10/11/2014	CAPITAL DEMOLITION	CARBON TAX REFUND	630.22
EFT31564	10/11/2014	CHEVRON AUSTRALIA HOLDINGS PTY LTD	CARBON TAX REFUND	41.47
EFT31565	10/11/2014	CITY OF BAYSWATER	CARBON TAX REFUND	27,303.24
EFT31566	10/11/2014	CITY OF BELMONT	CARBON TAX REFUND	16,785.99
EFT31567	10/11/2014	CITY OF SWAN	CARBON TAX REFUND	57,491.42
EFT31568	10/11/2014	COMPLETE UNDERGROUND POWER INSTALLATIONS	CARBON TAX REFUND	8.01
EFT31569	10/11/2014	CONTEK COMMUNICATIONS	CARBON TAX REFUND	68.21
EFT31570	10/11/2014	COUNTRY LEISURE CENTRE	CARBON TAX REFUND	50.28
EFT31571	10/11/2014	CROWN HILL CONSTRUCTION	CARBON TAX REFUND	15.05
EFT31572	10/11/2014	DEPARTMENT OF PARKS AND WILDLIFE (DPAW) - PERTH HILLS DISTRICT	CARBON TAX REFUND	18.41
EFT31573	10/11/2014	DERBARL YERRIGAN HEALTH SERVICES	CARBON TAX REFUND	18.41
EFT31574	10/11/2014	DOWNER EDI WORKS PTY LTD	CARBON TAX REFUND	138.02
EFT31575	10/11/2014	DVR ROOFING PTY LTD	CARBON TAX REFUND	4.00
EFT31576	10/11/2014	GIDGE WASTE	CARBON TAX REFUND	339.06
EFT31577	10/11/2014	HOYLAKE NOMINEES T/AS MCMAHON BURNETT TRANSPORT	CARBON TAX REFUND	66.29
EFT31578	10/11/2014	INTEWORK INC	CARBON TAX REFUND	8.01
EFT31579	10/11/2014	JUMBOCORP PTY LTD	CARBON TAX REFUND	54.44
EFT31580	10/11/2014	KWIK PTY LTD	CARBON TAX REFUND	179.65
EFT31581	10/11/2014	LANDSDALE PLANTS	CARBON TAX REFUND	68.37
EFT31582	10/11/2014	M & B SALES PTY LTD	CARBON TAX REFUND	267.71
EFT31583	10/11/2014	MINESITE RECYCLING	CARBON TAX REFUND	437.36
EFT31584	10/11/2014	MITCHELLS MINI EXCAVATORS SERVICES	CARBON TAX REFUND	9.29
EFT31585	10/11/2014	MORGAN CERAMIC TILE ADHESIVES (MCTA)	CARBON TAX REFUND	83.10
EFT31586	10/11/2014	NULOOK HOMES PTY LTD	CARBON TAX REFUND	131.94
EFT31587	10/11/2014	PARKERVILLE CHILDREN & YOUTH CARE (INC)	CARBON TAX REFUND	51.56
EFT31588	10/11/2014	PERTH BIN HIRE	CARBON TAX REFUND	3,343.86
EFT31589	10/11/2014	PERTH EXPO HIRE	CARBON TAX REFUND	37.15
EFT31590	10/11/2014	RBD BUILDING & MAINTENANCE PTY LTD	CARBON TAX REFUND	37.79
EFT31591	10/11/2014	REDMETRO PTY LTD T/A PEP TRANSPORT	CARBON TAX REFUND	67.09
EFT31592	10/11/2014	REMONDIS - PERTH DIVISION	CARBON TAX REFUND	180.93
EFT31593	10/11/2014	RSV GROUP PTY LTD T/AS ALLMETRO BINS	CARBON TAX REFUND	478.59
EFT31594	10/11/2014	SERO CONSTRUCTIONS PTY LTD	CARBON TAX REFUND	97.51
EFT31595	10/11/2014	SHIRE OF KALAMUNDA	CARBON TAX REFUND	39,239.35
EFT31596	10/11/2014	SHIRE OF MUNDARING	CARBON TAX REFUND	22,613.08
EFT31597	10/11/2014	SITA AUSTRALIA PTY LTD	CARBON TAX REFUND	277.80
EFT31598	10/11/2014	SORT & DIVERT PTY LTD T/A 1800-GOT-JUNK? PERTH	CARBON TAX REFUND	204.47

**CEO's DELEGATED PAYMENTS LIST
FOR THE MONTHS OF NOVEMBER 2014, DECEMBER 2014 & JANUARY 2015**

Cheque /EFT No	Date	Payee	Payment Description	Amount
EFT31599	10/11/2014	STRAIGHT UP RETAINING AND FENCING	CARBON TAX REFUND	18.74
EFT31600	10/11/2014	SUPER MOBILE GARDEN BINS	CARBON TAX REFUND	797.06
EFT31601	10/11/2014	SWAN CHRISTIAN EDUCATION ASSOCIATION INC (SCEA)	CARBON TAX REFUND	16.01
EFT31602	10/11/2014	SWAN VALLEY BIN HIRE PTY LTD	CARBON TAX REFUND	665.13
EFT31603	10/11/2014	THOMAS R POOLE & SONS PTY LTD T/A TRP DUCTWORK	CARBON TAX REFUND	43.23
EFT31604	10/11/2014	TIDY UP	CARBON TAX REFUND	24.18
EFT31605	10/11/2014	TOP GUN ROOFING & RESTORATION	CARBON TAX REFUND	24.34
EFT31606	10/11/2014	TOWN OF BASSENDEAN	CARBON TAX REFUND	9,914.84
EFT31607	10/11/2014	VEOLIA ENVIRONMENTAL SERVICES (AUSTRALIA) P/L	CARBON TAX REFUND	9,936.00
EFT31608	10/11/2014	VINSAN CORPORATION PTY LTD	CARBON TAX REFUND	17.61
EFT31609	10/11/2014	VISION DEVELOPMENTS (WA) PTY LTD	CARBON TAX REFUND	12.01
EFT31610	10/11/2014	VOLICH WASTE CONTRACTORS	CARBON TAX REFUND	568.40
EFT31611	10/11/2014	WEST TIP WASTE CONTROL	CARBON TAX REFUND	4,417.12
EFT31612	10/11/2014	WESTERN AUSTRALIAN MEAT INDUSTRY AUTHORITY	CARBON TAX REFUND	122.33
EFT31613	10/11/2014	WESTNET RAIL PTY LTD	CARBON TAX REFUND	4.00
EFT31614	10/11/2014	WORKPOWER INCORPORATED	CARBON TAX REFUND	133.05
EFT31615	10/11/2014	WORMALD FIRE SYSTEMS	CARBON TAX REFUND	109.04
EFT31616	11/11/2014	CABCHARGE	ADMINISTRATION CHARGE	6.00
EFT31617	11/11/2014	CATALYSE PTY LTD	STAKEHOLDER SURVEY	9,680.00
EFT31618	11/11/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	2,208.83
EFT31619	11/11/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COST	252.20
EFT31620	11/11/2014	IPING PTY LTD	INTERNET SERVICE AGREEMENT	1,128.80
EFT31621	11/11/2014	LANCALL	RISK ASSESSMENT	281.60
EFT31622	11/11/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIR	435.00
EFT31623	11/11/2014	LIEBHERR AUSTRALIA PTY LTD	PLANT PARTS, REPAIR & SERVICE	1,254.00
EFT31624	11/11/2014	LINFOX ARMAGUARD PTY LTD	COURIER SERVICE	389.16
EFT31625	11/11/2014	M2 TECHNOLOGY	PHONE MAINTENANCE	352.00
EFT31626	11/11/2014	MADLOVE PTY LTD	EQUIPMENT HIRE	132.00
EFT31627	11/11/2014	PAYG PAYMENTS	TAXATION PAYMENT	61,308.00
EFT31628	11/11/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	1,919.03
EFT31629	11/11/2014	RECRUITWEST	LABOUR HIRE	1,264.69
EFT31630	11/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	477.31
EFT31631	11/11/2014	SYNERGY	ELECTRICITY CHARGES	721.20
EFT31632	11/11/2014	TELSTRA	TELECOMMUNICATIONS	697.58
EFT31633	11/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	3,999.82
EFT31634	14/11/2014	ADT SECURITY	SECURITY MONITORING	77.00
EFT31635	14/11/2014	ALL AREAS HOTWATER	BUILDING MAINTENANCE & REPAIR	140.80
EFT31636	14/11/2014	AUSTRALIAN LABORATORY SERVICES PTY LTD (ALS)	LABORATORY TESTING & REPORTING	1,911.80
EFT31637	14/11/2014	BIN BATH AUSTRALIA PTY LTD	CLEANING EXPENSES	158.95
EFT31638	14/11/2014	BOSS PTY LTD T/A TRISSET BUSINESS FORMS	PRINTING CHARGES	693.00
EFT31639	14/11/2014	BP GIDGEGANNUP	NEWSPAPER PURCHASES	35.00
EFT31640	14/11/2014	CJD EQUIPMENT PTY LTD	PLANT PARTS, REPAIR & SERVICE	289.48
EFT31641	14/11/2014	COMSYNC CONSULTING PTY LTD	IT CONSULTING	3,146.00
EFT31642	14/11/2014	CSE-COMSOURCE PTY LTD	INSTALLATION OF 2-WAY RADIO	797.50
EFT31643	14/11/2014	CVP ELECTRICAL	BUILDING MAINTENANCE AND REPAIRS	1,947.56
EFT31644	14/11/2014	FLEXI STAFF PTY LTD	LABOUR HIRE	2,438.37
EFT31645	14/11/2014	INTEWORK INC	LABOUR HIRE	569.18
EFT31646	14/11/2014	JAYA VAUGHAN	STAFF REIMBURSEMENT	150.00
EFT31647	14/11/2014	KOTT GUNNING LAWYERS	LEGAL FEES	160.27
EFT31648	14/11/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIR	150.00
EFT31649	14/11/2014	LIFTRITE HIRE & SALES	PLANT PARTS, REPAIR & SERVICE	761.05
EFT31650	14/11/2014	MAIL PLUS PERTH	MAIL COSTS	369.60
EFT31651	14/11/2014	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	3,538.63
EFT31652	14/11/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	194.25
EFT31653	14/11/2014	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	54.35
EFT31654	14/11/2014	PARK PACKAGING	HARDWARE SUPPLIES	55.00
EFT31655	14/11/2014	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	PLANT PARTS, REPAIR & SERVICE	525.49
EFT31656	14/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	398.45
EFT31657	14/11/2014	TELSTRA	TELEPHONE EXPENSES	215.30
EFT31658	14/11/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	67.45
EFT31659	14/11/2014	TRACS	PLANT PARTS, REPAIR & SERVICE	1,309.44
EFT31660	14/11/2014	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS	1,241.00
EFT31661	14/11/2014	WORKPAC PTY LTD	LABOUR HIRE	221.71
EFT31662	18/11/2014	AIRLITE CLEANING	CLEANING EXPENSES	132.00
EFT31663	18/11/2014	BP AUSTRALIA LIMITED	FUEL PURCHASES	12,274.82
EFT31664	18/11/2014	BP AUSTRALIA PTY LTD	OIL PURCHASES	3,453.16
EFT31665	18/11/2014	BRIAN NAUGHTON (BG'S CAR CLEANING SERVICE)	FLEET CAR CLEANING	370.00
EFT31666	18/11/2014	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER SERVICE	760.99
EFT31667	18/11/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,679.76
EFT31668	18/11/2014	CITY SUBARU	CAR SERVICE	429.35
EFT31669	18/11/2014	COALCLIFF PLANT HIRE & CIVIL CONTRACTING	PLANT HIRE	10,670.00
EFT31670	18/11/2014	COMPU-STOR	DATA STORAGE	755.73
EFT31671	18/11/2014	DREW MORTON	STAFF REIMBURSEMENT	116.23
EFT31672	18/11/2014	ELEMENT HYDROGRAPHIC SOLUTIONS	WATER MONITORING SERVICE	1,736.90
EFT31673	18/11/2014	EQUIPMENT GROUP AUSTRALIA P/L T/A EARTHWEST CONSTRUCTION & MINING (HYUNDAI FORKLIFTS)	PLANT & VEHICLE PARTS PURCHASES	131.40
EFT31674	18/11/2014	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPY EXPENSES	1,184.10
EFT31675	18/11/2014	GLEN FORREST GOURMET	CATERING COST	134.00
EFT31676	18/11/2014	HILLS FRESH	STAFF AMENITIES	64.15
EFT31677	18/11/2014	MIDLAND TOYOTA (DVG)	CAR SERVICE	1,059.89
EFT31678	18/11/2014	MURDOCH UNIVERSITY	LABORATORY ANALYSIS	537.90
EFT31679	18/11/2014	NAMAMI YOGA (RAMI LEHMANN)	STAFF HEALTH PROMOTION	450.00

**CEO's DELEGATED PAYMENTS LIST
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EFT31680	18/11/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	3,023.51
EFT31681	18/11/2014	PITNEY BOWES CREDIT AUSTRALIA LTD	POSTAGE EXPENSE	333.63
EFT31682	18/11/2014	PORTNER PRESS PTY LTD	PUBLICATION	97.00
EFT31683	18/11/2014	RECRUITWEST	LABOUR HIRE	1,021.48
EFT31684	18/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	207.05
EFT31685	18/11/2014	TOLL FAST	COURIER SERVICE	165.34
EFT31686	18/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,173.64
EFT31687	20/11/2014	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT TO ATO	126,310.00
EFT31688	21/11/2014	ADCORP	ADVERTISEMENT	1,318.90
EFT31689	21/11/2014	ADT SECURITY	SECURITY MONITORING	77.00
EFT31690	21/11/2014	AUSTRALIAN LABORATORY SERVICES PTY LTD (ALS)	LABORATORY TESTING & REPORTING	2,050.40
EFT31691	21/11/2014	BOC GASES	EQUIPMENT HIRE	118.32
EFT31692	21/11/2014	BP AUSTRALIA LIMITED	FUEL PURCHASES	72,643.41
EFT31693	21/11/2014	C4 CONCEPTS PTY LTD	PRINTING EXPENSES	924.00
EFT31694	21/11/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,763.98
EFT31695	21/11/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COST	287.00
EFT31696	21/11/2014	COLONIAL PRINT & PROMOTIONS	PRINTING EXPENSES	18.15
EFT31697	21/11/2014	FLEXI STAFF PTY LTD	LABOUR HIRE	1,354.65
EFT31698	21/11/2014	JAYCOURT NOMINEES PTY LTD T/A BARFIELD MECHANICAL SERVICES	PLANT MAINTENANCE & REPAIR	1,737.25
EFT31699	21/11/2014	METROWEST ELECTRICAL & COMMUNICATIONS PTY LTD	IT EQUIPMENT	2,981.00
EFT31700	21/11/2014	MIDLAND TOYOTA (DVG)	CAR SERVICE	1,459.24
EFT31701	21/11/2014	MIDWAY FORD (WA)	CAR SERVICE	455.00
EFT31702	21/11/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	60.80
EFT31703	21/11/2014	NEVERFAIL SPRINGWATER LTD - MATHIESON ROAD	BOTTLED WATER	24.05
EFT31704	21/11/2014	NEVILLE REFRIGERATION	FRIDGE DEGASSING	407.00
EFT31705	21/11/2014	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	ALTERNATIVE DAILY COVER MATERIAL	30,404.88
EFT31706	21/11/2014	OPUS INTERNATIONAL CONSULTANTS (AUSTRALIA) P/L	ENGINEERING DESIGN - HAZELMERE	28,714.00
EFT31707	21/11/2014	PRESTIGE ALARMS	SECURITY MONITORING	559.00
EFT31708	21/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING	1,219.30
EFT31709	21/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	148.55
EFT31710	21/11/2014	SYNERGY	ELECTRICITY EXPENSES	25.70
EFT31711	21/11/2014	UNIQUE WASTE MANAGEMENT SERVICES	PLANT HIRE	247.50
EFT31712	21/11/2014	WALGA - WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	ADVERTISEMENT	501.58
EFT31713	21/11/2014	WATERLOGIC AUSTRALIA PTY LTD	EQUIPMENT HIRE	290.40
EFT31714	21/11/2014	WESTERN METROPOLITAN REGIONAL COUNCIL	EMPLOYEE TRANSFER LSL	7,730.87
EFT31715	21/11/2014	WESTERN TREE RECYCLERS	WOODWASTE & MULCH PROCESSING	17,380.00
EFT31716	21/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	3,506.16
EFT31717	21/11/2014	WORKPAC PTY LTD	LABOUR HIRE	2,461.16
EFT31718	21/11/2014	A BETTER CLASS	CARBON TAX REFUND	39.71
EFT31719	21/11/2014	DEAN KITCHENS	CARBON TAX REFUND	35.87
EFT31720	21/11/2014	JIM'S FENCING BALLAJURA	CARBON TAX REFUND	8.01
EFT31721	25/11/2014	ADT SECURITY	SECURITY MONITORING	77.00
EFT31722	25/11/2014	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER CHARGES	674.36
EFT31723	25/11/2014	CATALYSE PTY LTD	MARKETING & COMMUNICATIONS	4,840.00
EFT31724	25/11/2014	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICAL REPAIRS	573.40
EFT31725	25/11/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COSTS	299.00
EFT31726	25/11/2014	CJD EQUIPMENT PTY LTD	PLANT PARTS, REPAIR & SERVICE	4,880.76
EFT31727	25/11/2014	DATA 3 PERTH	SOFTWARE SUPPORT	1,377.46
EFT31728	25/11/2014	E & MJ ROSHER	PLANT PARTS, REPAIR & SERVICE	699.75
EFT31729	25/11/2014	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPY EXPENSES	142.55
EFT31730	25/11/2014	GOZONE	FUNCTION EXPENSES	295.00
EFT31731	25/11/2014	HERBERT SMITH FREEHILLS	LEGAL FEES	2,530.00
EFT31732	25/11/2014	HILLS FRESH	STAFF AMENITIES	65.29
EFT31733	25/11/2014	KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L	PHOTOCOPY EXPENSES	792.98
EFT31734	25/11/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIR	150.00
EFT31735	25/11/2014	LO-GO APPOINTMENTS	LABOUR HIRE	1,503.15
EFT31736	25/11/2014	MARKETFORCE PRODUCTIONS	PRINTING EXPENSES	1,596.22
EFT31737	25/11/2014	PAYG PAYMENTS	TAXATION PAYMENT	62,606.80
EFT31738	25/11/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	2,471.27
EFT31739	25/11/2014	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES	2,475.00
EFT31740	25/11/2014	RECRUITWEST	LABOUR HIRE	1,524.12
EFT31741	25/11/2014	RUDD INDUSTRIAL AND FARM SUPPLIES	HARDWARE SUPPLIES	401.57
EFT31742	25/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	1,848.90
EFT31743	25/11/2014	SPUDS GARDENING SERVICES	GROUPS & GARDEN MAINTENANCE	8,310.00
EFT31744	25/11/2014	TELSTRA	TELECOMMUNICATIONS	5,601.29
EFT31745	25/11/2014	TELSTRA	TELECOMMUNICATIONS	159.52
EFT31746	25/11/2014	TELSTRA	TELECOMMUNICATIONS	17.81
EFT31747	25/11/2014	VALLEY VIEW RESTAURANT & RECEPTION CENTRE	VOLUTEERS EVENT	5,644.00
EFT31748	25/11/2014	WALGA - WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	ADVERTISEMENT	9,776.09
EFT31749	25/11/2014	WESTRAC EQUIPMENT PTY LTD	PLANT PARTS	81.92
EFT31750	25/11/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	4,931.14
EFT31751	25/11/2014	ABC CONTAINERS PTY LTD	PLANT PURCHASE	4,680.50
EFT31752	28/11/2014	ARCH SOFTWARE AUSTRALIA	IT CONSULTING	272.06
EFT31753	28/11/2014	ARTEIL (WA) PTY LTD	OFFICE FURNITURE	457.60
EFT31754	28/11/2014	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICAL REPAIRS	1,182.53
EFT31755	28/11/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COSTS	649.50
EFT31756	28/11/2014	CHIDLOW WATER CARRIERS	WATER SUPPLIES RED HILL	440.00
EFT31757	28/11/2014	CHRIS KERSHAW PHOTOGRAPHY	EVENT COSTS	675.00
EFT31758	28/11/2014	COMSYNC CONSULTING PTY LTD	IT CONSULTING	3,360.50

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EFT31759	28/11/2014	CRISALIS INTERNATIONAL PTY LTD	ENVIRONMENTAL CONSULTING	17,885.00
EFT31760	28/11/2014	FLEXI STAFF PTY LTD	LABOUR HIRE	2,167.44
EFT31761	28/11/2014	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPY EXPENSES	778.80
EFT31762	28/11/2014	HILLS FRESH	STAFF AMENITIES	69.09
EFT31763	28/11/2014	JAYCOURT NOMINEES PTY LTD T/A BARFIELD MECHANICAL SERVICES	PLANT PARTS, REPAIR & SERVICE	22,246.40
EFT31764	28/11/2014	MIKE HAYWOOD'S SUSTAINABLE RESOURCE SOLUTIONS	CONSULTING - C&I PLANT PROPOSAL	396.00
EFT31765	28/11/2014	MUNDARING TYRE CENTRE	PLANT PARTS	35.00
EFT31766	28/11/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	105.90
EFT31767	28/11/2014	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	62.05
EFT31768	28/11/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	450.00
EFT31769	28/11/2014	SONIC HEALTHPLUS PTY LTD	PRE-EMPLOYMENT MEDICAL	280.50
EFT31770	28/11/2014	SPUDS GARDENING SERVICES	GROUNDS & GARDEN MAINTENANCE	10,010.00
EFT31771	28/11/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	374.43
EFT31772	28/11/2014	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS	495.00
EFT31773	28/11/2014	WESTERN TREE RECYCLERS	WOODWASTE & MULCH PROCESSING	17,160.00
EFT31774	28/11/2014	WORKPAC PTY LTD	LABOUR HIRE	2,297.38
EFT31775	02/12/2014	ACCESS INDUSTRIAL TYRES PTY LTD	TYRE DISPOSAL	2,844.05
EFT31776	02/12/2014	ADCORP	ADVERTISING EXPENSES	9,132.50
EFT31777	02/12/2014	AIR FILTER DRY CLEAN SYSTEMS WA PTY LTD ATF AFDCS TRADING TRUST	PLANT PARTS & SERVICE	173.69
EFT31778	02/12/2014	AIRWELL GROUP PTY LTD	PUMP MAINTENANCE & PURCHASES	4,461.52
EFT31779	02/12/2014	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	29.70
EFT31780	02/12/2014	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	1,210.00
EFT31781	02/12/2014	BRING COURIERS	COURIER COSTS	473.76
EFT31782	02/12/2014	BUNNINGS BUILDING PRODUCTS	HARDWARE SUPPLIES	120.00
EFT31783	02/12/2014	CARRINGTONS TRAFFIC SERVICES	TRAFFIC CONTROL SERVICES	6,270.00
EFT31784	02/12/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT31785	02/12/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COSTS	823.00
EFT31786	02/12/2014	CJD EQUIPMENT PTY LTD	PLANT PARTS, REPAIR & SERVICE	23,946.14
EFT31787	02/12/2014	COATES HIRE OPERATIONS PTY LTD	EQUIPMENT HIRE & MAINTENANCE COST	2,622.94
EFT31788	02/12/2014	DELRON CLEANING PTY LTD	CLEANING EXPENSES	3,507.94
EFT31789	02/12/2014	ELAN ENERGY MANAGEMENT (TYRE RECYCLERS)	TYRE DISPOSAL	433.72
EFT31790	02/12/2014	EQUIPMENT GROUP AUSTRALIA P/L T/A EARTHWEST CONSTRUCTION & MINING (HYUNDAI FORKLIFTS)	PLANT PARTS & SERVICE	72.60
EFT31791	02/12/2014	FILTERS PLUS	PLANT PARTS & SERVICE	98.18
EFT31792	02/12/2014	FRESH BOOST PTY LTD ATF BANDITS TRUST	STAFF AMENITIES	771.90
EFT31793	02/12/2014	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPY EXPENSES	348.23
EFT31794	02/12/2014	HOSECO (WA) PTY LTD	EQUIPMENT HIRE & MAINTENANCE COST	757.90
EFT31795	02/12/2014	AUTOSWEEP WA (LAMBERT FAMILY TRUST)	SITE MAINTENANCE	893.20
EFT31796	02/12/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	150.00
EFT31797	02/12/2014	LIEBHERR AUSTRALIA PTY LTD	PLANT REPAIR & SERVICE	2,865.71
EFT31798	02/12/2014	LO-GO APPOINTMENTS	LABOUR HIRE	1,503.15
EFT31799	02/12/2014	MCINTOSH & SON	PLANT PARTS & SERVICE	1,164.43
EFT31800	02/12/2014	NESSCO GROUP	SERVICE AGREEMENT	1,818.85
EFT31801	02/12/2014	O'BRIEN GLASS	WINDSCREEN REPAIR	1,067.58
EFT31802	02/12/2014	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL	412.50
EFT31803	02/12/2014	PARKERVILLE CONCRETE	HAZELMERE - HARDSTAND CONSTRUCTION COST	9,020.00
EFT31804	02/12/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	2,510.71
EFT31805	02/12/2014	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	HYDRAULIC SUPPLIES	1,781.70
EFT31806	02/12/2014	PROTECTOR FIRE SERVICES	EQUIPMENT PURCHASE	120.45
EFT31807	02/12/2014	RECRUITWEST	LABOUR HIRE	1,783.54
EFT31808	02/12/2014	SIGN SUPERMARKET	SIGNAGE & BANNER	450.00
EFT31809	02/12/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	242.16
EFT31810	02/12/2014	STRATEGEN ENVIRONMENTAL CONSULTANTS PTY LTD	ENVIRONMENTAL CONSULTING	7,239.23
EFT31811	02/12/2014	TENDERLINK.COM. PTY LTD	TENDERS ADVERTISING	495.00
EFT31812	02/12/2014	THE WEST AUSTRALIAN	ADVERTISEMENT	577.95
EFT31813	02/12/2014	TIM DAVIES LANDSCAPING PTY LTD	GARDENING MAINTENANCE	937.20
EFT31814	02/12/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	976.10
EFT31815	02/12/2014	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT PARTS, REPAIR & SERVICE	4,734.65
EFT31816	02/12/2014	VISY RECYCLING	BIN HIRE	28.18
EFT31817	02/12/2014	VOLICH WASTE CONTRACTORS PTY LTD	BIN HIRE	44.00
EFT31818	02/12/2014	WESTERN TREE RECYCLERS	WOODWASTE & MULCH PROCESSING	58,498.95
EFT31819	02/12/2014	WORK CLOBBER	PROTECTIVE CLOTHING	497.00
EFT31820	02/12/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	3,513.94
EFT31821	02/12/2014	YEOMAN PTY LTD ATF THE RJ ROHRLACH FAMILY TRUST	ENGINEERING CONSULTING	4,015.00
EFT31822	05/12/2014	AALAN LINE MARKING SERVICES	SITE MAINTENANCE	6,820.00
EFT31823	05/12/2014	ADT SECURITY	SECURITY MONITORING	77.00
EFT31824	05/12/2014	AUSTRALIA POST - ASCOT PLACE	POSTAL SERVICES	1,938.99
EFT31825	05/12/2014	AUSTRALIA POST - RED HILL	POSTAL SERVICES	315.97
EFT31826	05/12/2014	AUSTRALIAN LABORATORY SERVICES PTY LTD (ALS)	LABORATORY TESTING & REPORTING	3,006.30
EFT31827	05/12/2014	BUDGET ELECTRICS	BUILDING MAINTENANCE & REPAIRS	312.40
EFT31828	05/12/2014	CARBON NEUTRAL PTY LTD	CARBON EMISSIONS CONTRIBUTION	1,692.90
EFT31829	05/12/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COSTS	696.00
EFT31830	05/12/2014	CIRRENA PTY LTD T/A UNISON INTERACTIVE PTY LTD	SERVICE AGREEMENT	1,540.00
EFT31831	05/12/2014	GALLERIA TOYOTA	CAR SERVICE	1,080.45
EFT31832	05/12/2014	GARY HUBBARD	REFUND FOR CUSTOMER OVERPAYMENT	27.99
EFT31833	05/12/2014	INSTITUTE OF PUBLIC WORKS ENGINEERING AUST T/A IPWEA-WA DIVISION	STAFF TRAINING, DEVELOPMENT & SUPPORT	990.00
EFT31834	05/12/2014	KELLY BICKERS	STAFF REIMBURSEMENT	128.64
EFT31835	05/12/2014	LANDFILL GAS & POWER PTY LTD	ELECTRICITY CHARGES	6,927.21
EFT31836	05/12/2014	MALCOLM & CARIL BARKER	SITE MAINTENANCE	440.00

**CEO's DELEGATED PAYMENTS LIST
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EFT31837	05/12/2014	MUNDARING ARTS CENTRE	EVENT COSTS - VOLUNTEERS FUNCTION	100.00
EFT31838	05/12/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	91.20
EFT31839	05/12/2014	NICHOLAS ELLIOTT	STAFF REIMBURSEMENT	450.00
EFT31840	05/12/2014	POOJA SRIRAM	STAFF REIMBURSEMENT	450.00
EFT31841	05/12/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	398.45
EFT31842	05/12/2014	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	53.12
EFT31843	05/12/2014	SWAN DISTRICTS FOOTBALL CLUB	STAFF CHRISTMAS FUNCTION	4,130.00
EFT31844	05/12/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	67.57
EFT31845	05/12/2014	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT PARTS & SERVICE	849.25
EFT31846	05/12/2014	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS	176.00
EFT31847	05/12/2014	VERTICAL TELECOM WA PTY LTD (VERTEL)	EQUIPMENT MAINTENANCE & SERVICE	335.50
EFT31848	05/12/2014	WORKPAC PTY LTD	LABOUR HIRE	2,351.98
EFT31849	08/12/2014	HAMMEL INTERNATIONAL (COYLE SALES SERVICES) CSS EQUIPMENT	HAZELMERE SHREDDER	388,000.00
EFT31850	09/12/2014	ADAMS COACHLINES	BUS HIRE	620.00
EFT31851	09/12/2014	AGPARTS WAREHOUSE	EQUIPMENT MAINTENANCE & SERVICE	330.00
EFT31852	09/12/2014	AIRLITE CLEANING	CLEANING EXPENSES	310.49
EFT31853	09/12/2014	CABCHARGE	TAXI FEES	136.18
EFT31854	09/12/2014	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER CHARGES	766.41
EFT31855	09/12/2014	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICAL REPAIR	929.83
EFT31856	09/12/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT31857	09/12/2014	CORESTAFF WA PTY LTD	LABOUR HIRE	500.19
EFT31858	09/12/2014	CRACKAJACK PARTY HIRE	FURNITURE HIRE - SITE OPEN DAY	908.05
EFT31859	09/12/2014	CROSSLAND & HARDY PTY LTD	LAND SURVEYOR	7,635.86
EFT31860	09/12/2014	DELRON CLEANING PTY LTD	CLEANING EXPENSES	100.65
EFT31861	09/12/2014	DUN & BRADSTREET PTY LTD	CREDIT REFERENCE CHECKS	19.80
EFT31862	09/12/2014	EASTERN HILLS SAWS & MOWERS	EQUIPMENT HIRE & MAINTENANCE COST	16.00
EFT31863	09/12/2014	HANLEC POWER SOLUTIONS	EQUIPMENT HIRE & MAINTENANCE COST	530.20
EFT31864	09/12/2014	HEALTHSCOPE MEDICAL CENTRES T/A ST ANDREWS MEDICAL GROUP	STAFF TRAINING, DEVELOPMENT & SUPPORT	181.50
EFT31865	09/12/2014	HORIZONS WEST BUS & COACHLINES	BUS HIRE	1,661.00
EFT31866	09/12/2014	JAYCOURT NOMINEES P/L T/A BARFIELD EARTHMOVING	TRANSPORTATION OF PRODUCTS	2,798.40
EFT31867	09/12/2014	JOHN HUGHES (ROHANNA PTY LTD)	CAR SERVICES	240.80
EFT31868	09/12/2014	LANDFILL GAS & POWER PTY LTD	ELECTRICITY CHARGES	5,545.23
EFT31869	09/12/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIR	150.00
EFT31870	09/12/2014	LIEBHERR AUSTRALIA PTY LTD	EQUIPMENT HIRE & MAINTENANCE COST	5,361.40
EFT31871	09/12/2014	MAIL PLUS PERTH	MAIL EXPENSES	227.50
EFT31872	09/12/2014	MIDWAY FORD (WA)	CAR SERVICE	569.10
EFT31873	09/12/2014	MOBILE PHONE INSTALLATIONS AUSTRALIA	MAINTENANCE & REPAIR	692.00
EFT31874	09/12/2014	MUNDARING TYRE CENTRE	TYRE REPAIRS	75.00
EFT31875	09/12/2014	PAYG PAYMENTS	TAXATION PAYMENT	61,830.00
EFT31876	09/12/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	2,530.43
EFT31877	09/12/2014	PUBLIC SPEAKING DYNAMICS	STAFF TRAINING, DEVELOPMENT & SUPPORT	2,200.00
EFT31878	09/12/2014	TELSTRA	TELECOMMUNICATIONS	174.17
EFT31879	09/12/2014	TELSTRA	TELECOMMUNICATIONS	486.59
EFT31880	09/12/2014	TELSTRA	TELECOMMUNICATIONS	694.94
EFT31881	09/12/2014	WALGA - WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	ADVERTISING EXPENSES	10,683.81
EFT31882	09/12/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	3,976.59
EFT31883	12/12/2014	ADT SECURITY	SECURITY MONITORING	77.00
EFT31884	12/12/2014	AIR-MET SCIENTIFIC PTY LTD	PLANT PARTS & SERVICE	118.80
EFT31885	12/12/2014	AIRLITE CLEANING	CLEANING EXPENSES	3,736.36
EFT31886	12/12/2014	BELMONT - REDCLIFFE NEWSROUND	NEWSPAPER PURCHASES	1,312.44
EFT31887	12/12/2014	BRONWYN LEE	STAFF REIMBURSEMENT	61.30
EFT31888	12/12/2014	BUDGET ELECTRICS	BUILDING MAINTENANCE & REPAIRS	156.20
EFT31889	12/12/2014	CITY OF BELMONT	BUS HIRE	50.00
EFT31890	12/12/2014	CITY TOYOTA	REFUND OVERPAYMENT	17.60
EFT31891	12/12/2014	COMSYNC CONSULTING PTY LTD	IT CONSULTING	2,895.75
EFT31892	12/12/2014	COOLMIST SYSTEMS AUSTRALIA PTY LTD	PLANT & EQUIPMENT HIRE & MAINTENANCE	3,050.00
EFT31893	12/12/2014	CPR ELECTRICAL SERVICES	BUILDING MAINTENANCE & REPAIRS	8,123.50
EFT31894	12/12/2014	CSE-COMSOURCE PTY LTD	PURCHASE OF A 2-WAY RADIO	1,018.71
EFT31895	12/12/2014	EDWIN DELL	WMCGR MEMBER - EXPENSE REIMBURSEMENT	48.36
EFT31896	12/12/2014	ELEMENT HYDROGRAPHIC SOLUTIONS	EQUIPMENT MAINTENANCE & SERVICE	773.30
EFT31897	12/12/2014	FIRE RESCUE SAFETY AUSTRALIA PTY LTD	EQUIPMENT PURCHASE, SERVICE & MAINTENANCE	4,290.00
EFT31898	12/12/2014	FOOTHILLS PLUMBING SERVICES	BUILDING MAINTENANCE & REPAIRS	203.50
EFT31899	12/12/2014	GOODCHILD ENTERPRISES	HARDWARE SUPPLIES	119.90
EFT31900	12/12/2014	IPING PTY LTD	INTERNET & NETWORKING	1,128.80
EFT31901	12/12/2014	JAYA VAUGHAN	STAFF REIMBURSEMENT	200.00
EFT31902	12/12/2014	KLB SYSTEMS	COMPUTER & PRINTING CONSUMABLE EXPENSES	132.00
EFT31903	12/12/2014	MACRI PARTNERS	AUDIT FEES FOR GRANT ACQUITTALS	1,760.00
EFT31904	12/12/2014	MARSMEN PLUMBING	BUILDING MAINTENANCE & REPAIRS	239.25
EFT31905	12/12/2014	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	3,526.63
EFT31906	12/12/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	151.00
EFT31907	12/12/2014	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	54.45
EFT31908	12/12/2014	OPUS INTERNATIONAL CONSULTANTS (AUSTRALIA) P/L	ENGINEERING CONSULTING	9,504.00
EFT31909	12/12/2014	PROTECTOR FIRE SERVICES	EQUIPMENT HIRE & SERVICES	656.27
EFT31910	12/12/2014	SETON AUSTRALIA	HARDWARE SUPPLIES	85.68
EFT31911	12/12/2014	SHIRE OF MUNDARING	CONTROLLED BURN SERVICES	2,100.00
EFT31912	12/12/2014	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT PARTS & SERVICE	349.17
EFT31913	12/12/2014	WESTBOOKS	WASTE EDUCATION	27.96
EFT31914	12/12/2014	WORKPAC PTY LTD	LABOUR HIRE	2,023.16
EFT31915	19/12/2014	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT TO ATO	185,030.00

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EFT31916	16/12/2014	A2K TECHNOLOGIES PTY LTD	ANNUAL SUBSCRIPTION - ENGINEERING DESIGN	2,211.91
EFT31917	16/12/2014	AIRWELL GROUP PTY LTD	PUMP MAINTENANCE & PURCHASES	4,143.55
EFT31918	16/12/2014	AUS RECORD	STATIONERY & OTHER CONSUMABLES	70.40
EFT31919	16/12/2014	AUSTRALIAN INSTITUTE OF MANAGEMENT - AIM	STAFF TRAINING, DEVELOPMENT & SUPPORT	273.00
EFT31920	16/12/2014	AUTOSWEEP WA (LAMBERT FAMILY TRUST)	SITE MAINTENANCE	765.60
EFT31921	16/12/2014	BP GIDGEGANNUP	NEWSPAPER PURCHASES	52.50
EFT31922	16/12/2014	BRIAN NAUGHTON (BG'S CAR CLEANING SERVICE)	FLEET CAR CLEANING	300.00
EFT31923	16/12/2014	C4 CONCEPTS PTY LTD	MARKETING & COMMUNICATIONS	550.00
EFT31924	16/12/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT31925	16/12/2014	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COSTS	604.00
EFT31926	16/12/2014	COMPU-STOR	DATA STORAGE	724.05
EFT31927	16/12/2014	CORESTAFF WA PTY LTD	LABOUR HIRE	914.14
EFT31928	16/12/2014	EASTERN HILLS SAWS & MOWERS	HARDWARE SUPPLIES	19.00
EFT31929	16/12/2014	ECO ENVIRONMENTAL (BENFOSTER PTY LTD)	ENVIRONMENTAL CONSULTING	308.00
EFT31930	16/12/2014	HILLS FRESH	STAFF AMENITIES	69.79
EFT31931	16/12/2014	INTEWORK INC	LABOUR HIRE	664.05
EFT31932	16/12/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	360.00
EFT31933	16/12/2014	LINFOX ARMAGUARD PTY LTD	COURIER SERVICE	486.45
EFT31934	16/12/2014	MADLOVE PTY LTD	EQUIPMENT HIRE	55.00
EFT31935	16/12/2014	MAIL PLUS PERTH	COURIER SERVICE	369.60
EFT31936	16/12/2014	MIDLAND TOYOTA (DVG)	CAR SERVICE	801.32
EFT31937	16/12/2014	MUNDARING TYRE CENTRE	TYRE DISPOSAL	617.00
EFT31938	16/12/2014	NEVILLE REFRIGERATION	FRIDGE DEGASSING	946.00
EFT31939	16/12/2014	OPTUM HEALTH & TECHNOLOGY (AUSTRALIA) PTY LTD	EAP SERVICE	170.50
EFT31940	16/12/2014	OTIS ELEVATOR COMPANY PTY LTD	BUILDING MAINTENANCE & REPAIRS	1,568.90
EFT31941	16/12/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	2,412.10
EFT31942	16/12/2014	RECRUITWEST	LABOUR HIRE	1,063.66
EFT31943	16/12/2014	SHUGS ELECTRICAL	BUILDING MAINTENANCE & REPAIRS	4,844.81
EFT31944	16/12/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	225.00
EFT31945	16/12/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	573.85
EFT31946	16/12/2014	TELSTRA	TELECOMMUNICATIONS	215.30
EFT31947	16/12/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	107.73
EFT31948	16/12/2014	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS COSTS	2,098.00
EFT31949	16/12/2014	VALLEY VIEW RESTAURANT & RECEPTION CENTRE	CATERING COSTS	1,000.00
EFT31950	16/12/2014	WINDOW WIPERS	BUILDING MAINTENANCE & REPAIRS	2,277.00
EFT31951	16/12/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	4,008.40
EFT31952	17/12/2014	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES	2,475.00
EFT31953	19/12/2014	GLEN FORREST STOCKFEEDERS	CARBON TAX REFUND	31.54
EFT31954	19/12/2014	WOMBAT WASTE PTY LTD	CARBON TAX REFUND	132.74
EFT31955	19/12/2014	Z & J SUNJICH	CARBON TAX REFUND	80.22
EFT31956	19/12/2014	A TEAM PRINTING	PRINTING EXPENSES	1,521.30
EFT31957	19/12/2014	ADCORP	ADVERTISING	638.41
EFT31958	19/12/2014	ADT SECURITY	SECURITY MONITORING	154.00
EFT31959	19/12/2014	AIRLITE CLEANING	CLEANING EXPENSES	504.64
EFT31960	19/12/2014	AUSTRALIAN COMMUNICATIONS & MEDIA AUTHORITY ACMA	LICENCE FEE	609.00
EFT31961	19/12/2014	BALSHAW'S FLORIST	GIFT BASKET	75.00
EFT31962	19/12/2014	BEAUMONDE CATERING	CATERING COSTS	2,780.33
EFT31963	19/12/2014	BEV'S SAWS & MOWERS (STIHL SHOP MIDLAND)	HARDWARE SUPPLIES	135.00
EFT31964	19/12/2014	BP AUSTRALIA LIMITED	FUEL PURCHASES	60,821.52
EFT31965	19/12/2014	BP AUSTRALIA LIMITED	OIL PURCHASES	1,035.67
EFT31966	19/12/2014	BUDGET ELECTRICS	BUILDING MAINTENANCE & REPAIRS	212.58
EFT31967	19/12/2014	CUTTING EDGES REPLACEMENT PARTS PTY LTD	PLANT PARTS PURCHASES	3,341.25
EFT31968	19/12/2014	HAYDN ROBINSON BARRISTER & SOLICITOR	LEGAL FEES	12,288.95
EFT31969	19/12/2014	JAYCOURT NOMINEES P/L T/A BARFIELD EARTHMOVING	TRANSPORTATION OF PRODUCTS COSTS	494.01
EFT31970	19/12/2014	KOTT GUNNING LAWYERS	LEGAL FEES	3,766.84
EFT31971	19/12/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	165.00
EFT31972	19/12/2014	MAJOR MOTORS PTY LTD	PARTS PURCHASE	31.27
EFT31973	19/12/2014	MANDOON ESTATE	CATERING COSTS	480.00
EFT31974	19/12/2014	MCINTOSH & SON	PARTS PURCHASE	864.93
EFT31975	19/12/2014	MJ & AR BAMFORD	ENVIRONMENTAL CONSULTING	2,706.00
EFT31976	19/12/2014	MS GROUNDWATER MANAGEMENT	GROUNDWATER INVESTIGATION & REPORTING	2,860.00
EFT31977	19/12/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	98.05
EFT31978	19/12/2014	NEVILLE REFRIGERATION	FRIDGE DEGASSING	638.00
EFT31979	19/12/2014	NEXUS (AUST) PTY LTD	INSURANCE PREMIUM	48,534.09
EFT31980	19/12/2014	PAYG PAYMENTS	TAXATION PAYMENT	62,274.58
EFT31981	19/12/2014	PENNANT HOUSE	SIGNAGE & BANNER	1,490.50
EFT31982	19/12/2014	PITNEY BOWES CREDIT AUSTRALIA LTD	RENTAL SERVICES	333.63
EFT31983	19/12/2014	RECRUITWEST	LABOUR HIRE	1,929.47
EFT31984	19/12/2014	SAFETY SIGNS SERVICE	SIGNAGE & BANNER	84.92
EFT31985	19/12/2014	SPUDS GARDENING SERVICES	GARDENING MAINTENANCE	4,668.00
EFT31986	19/12/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	478.36
EFT31987	19/12/2014	TRANSPACIFIC CLEANAWAY LTD	BIN HIRE	146.14
EFT31988	19/12/2014	WORKPAC PTY LTD	LABOUR HIRE	2,351.98
EFT31989	19/12/2014	YOUR CLAIM PTY LTD	INSURANCE CONSULTANCY	11,657.25
EFT31990	24/12/2014	ADCORP	ADVERTISING EXPENSES	765.51
EFT31991	24/12/2014	ADT SECURITY	SECURITY MONITORING	154.00
EFT31992	24/12/2014	ALCOLIZER PTY LTD	ANNUAL SERVICE FEE - BREATHALYSER	276.54
EFT31993	24/12/2014	BIN BATH AUSTRALIA PTY LTD	EQUIPMENT RENTAL	158.95
EFT31994	24/12/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT31995	24/12/2014	COALCLIFF PLANT HIRE & CIVIL CONTRACTING	EQUIPMENT HIRE & MAINTENANCE COST	2,090.00
EFT31996	24/12/2014	CORESTAFF WA PTY LTD	LABOUR HIRE	793.41

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EFT31997	24/12/2014	DELRON CLEANING PTY LTD	CLEANING EXPENSES	327.31
EFT31998	24/12/2014	DISMANTLE INC	STAFF TRAINING, DEVELOPMENT & SUPPORT	1,320.00
EFT31999	24/12/2014	ECO ENVIRONMENTAL (BENFOSTER PTY LTD)	EQUIPMENT HIRE & PURCHASES	2,101.55
EFT32000	24/12/2014	HILLS FRESH	STAFF AMENITIES	74.32
EFT32001	24/12/2014	KLB SYSTEMS	COMPUTER & PRINTING CONSUMABLE EXPENSES	3,762.00
EFT32002	24/12/2014	MARSMEN PLUMBING	BUILDING MAINTENANCE & REPAIRS	323.40
EFT32003	24/12/2014	MEN OF THE TREES	PURCHASE SEEDLINGS - SITE REHABILITATION RED HILL	304.50
EFT32004	24/12/2014	ODOUR CONTROL SYSTEMS INTERNATIONAL LTD	PURCHASE OF DAILY COVER MATERIAL	13,672.03
EFT32005	24/12/2014	PARK PACKAGING	SUPPLY OF LITTER BAGS	1,353.00
EFT32006	24/12/2014	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	2,530.43
EFT32007	24/12/2014	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	HYDRAULIC SUPPLIES	331.31
EFT32008	24/12/2014	PULSE DESIGN	SIGNAGE DESIGN	2,684.00
EFT32009	24/12/2014	RECRUITWEST	LABOUR HIRE	1,517.65
EFT32010	24/12/2014	SETON AUSTRALIA	HARDWARE SUPPLIES	75.19
EFT32011	24/12/2014	SIGN SUPERMARKET	SIGNAGE & BANNER	140.00
EFT32012	24/12/2014	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSES	174.70
EFT32013	24/12/2014	SPUDS GARDENING SERVICES	GARDENING MAINTENANCE	480.00
EFT32014	24/12/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	277.66
EFT32015	24/12/2014	TELSTRA	TELECOMMUNICATIONS	5,616.82
EFT32016	24/12/2014	TELSTRA	TELECOMMUNICATIONS	164.06
EFT32017	24/12/2014	TELSTRA	TELECOMMUNICATIONS	17.81
EFT32018	24/12/2014	THE LOT PROPERTY SERVICES PTY LTD	WATER MONITORING EXPENSES	1,584.00
EFT32019	24/12/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	141.25
EFT32020	24/12/2014	UNIQUE WASTE MANAGEMENT SERVICES	PLANT HIRE	1,358.50
EFT32021	24/12/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,191.44
EFT32022	30/12/2014	ACCESS INDUSTRIAL TYRES PTY LTD	TYRE SERVICES	3,924.25
EFT32023	30/12/2014	AIR FILTER DRY CLEAN SYSTEMS WA PTY LTD ATF AFDCS TRADING TRUST	SERVICE OF PLANT & EQUIPMENT COST	1,091.15
EFT32024	30/12/2014	AIRLITE CLEANING	CLEANING EXPENSES	3,930.07
EFT32025	30/12/2014	AIRWELL GROUP PTY LTD	PUMP MAINTENANCE & PURCHASES	2,436.99
EFT32026	30/12/2014	ALL EARTH CONTRACTING	PLANT HIRE	3,080.00
EFT32027	30/12/2014	ANALYTICAL REFERENCE LABORATORY (ARL)	LABORATORY TESTING & REPORTING	485.92
EFT32028	30/12/2014	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	7.98
EFT32029	30/12/2014	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	935.00
EFT32030	30/12/2014	BLACKWOODS ATKINS	PARTS PURCHASES	115.19
EFT32031	30/12/2014	BRING COURIERS	COURIER COSTS	938.89
EFT32032	30/12/2014	BUNNINGS BUILDING PRODUCTS	HARDWARE SUPPLIES	162.22
EFT32033	30/12/2014	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICAL REPAIRS	926.36
EFT32034	30/12/2014	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT32035	30/12/2014	CHEMCENTRE	LABORATORY TESTING	62,026.03
EFT32036	30/12/2014	CJD EQUIPMENT PTY LTD	PLANT PARTS & SERVICE	13,020.74
EFT32037	30/12/2014	COATES HIRE OPERATIONS PTY LTD	EQUIPMENT HIRE & MAINTENANCE COST	2,021.77
EFT32038	30/12/2014	COMSYNC CONSULTING PTY LTD	IT CONSULTING	2,359.50
EFT32039	30/12/2014	CORESTAFF WA PTY LTD	LABOUR HIRE	784.78
EFT32040	30/12/2014	COVS PARTS PTY LTD	PARTS PURCHASES	742.13
EFT32041	30/12/2014	DATA 3 PERTH	IT SERVICE FEE	664.87
EFT32042	30/12/2014	DELRON CLEANING PTY LTD	CLEANING EXPENSES	3,166.06
EFT32043	30/12/2014	ELAN ENERGY MANAGEMENT (TYRE RECYCLERS)	TYRE DISPOSAL COSTS	461.48
EFT32044	30/12/2014	FLICK ANTICIMEX PTY LTD	EQUIPMENT RENTAL CHARGE - HYGIENE SERVICES	1,522.40
EFT32045	30/12/2014	FRESH BOOST PTY LTD ATF BANDITS TRUST	STAFF AMENITIES	723.40
EFT32046	30/12/2014	FUELFIX T/AS TANKS2GO	PARTS PURCHASES	743.60
EFT32047	30/12/2014	FUJI XEROX AUSTRALIA PTY LTD	PRINTING CHARGE	999.24
EFT32048	30/12/2014	HBF HEALTH LIMITED	HEALTH PROMOTION	550.00
EFT32049	30/12/2014	KEY WEALTH CREATIONS PTY T/A MICRO MOVES	RELOCATE OFFICE FURNITURE	132.00
EFT32050	30/12/2014	KLB SYSTEMS	COMPUTER & PRINTING CONSUMABLE EXPENSES	605.00
EFT32051	30/12/2014	KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L	PHOTOCOPY CHARGE	809.51
EFT32052	30/12/2014	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	490.00
EFT32053	30/12/2014	LIEBHERR AUSTRALIA PTY LTD	PLANT REPAIRS	5,582.37
EFT32054	30/12/2014	MARKETFORCE PRODUCTIONS	ADVERTISING EXPENSES	914.84
EFT32055	30/12/2014	MCINTOSH & SON	PARTS PURCHASES	150.12
EFT32056	30/12/2014	MIDALIA STEEL (ONESTEEL)	HARDWARE SUPPLIES	638.00
EFT32057	30/12/2014	MJ & AR BAMFORD	ENVIRONMENTAL CONSULTING	1,284.25
EFT32058	30/12/2014	MUNDARING TYRE CENTRE	PURCHASE OF TYRES	984.00
EFT32059	30/12/2014	NEVERFAIL SPRINGWATER	BOTTLED WATER	91.20
EFT32060	30/12/2014	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	46.85
EFT32061	30/12/2014	OEM GROUP 2006 PTY LTD	PARTS PURCHASES	345.40
EFT32062	30/12/2014	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL	412.50
EFT32063	30/12/2014	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	HYDRAULIC SUPPLIES	1,560.11
EFT32064	30/12/2014	PORTNER PRESS PTY LTD	PUBLICATION EXPENSES	174.00
EFT32065	30/12/2014	PPR AUSTRALIA	MARKETING EXPENSES	323.40
EFT32066	30/12/2014	RECRUITWEST	LABOUR HIRE	1,306.87
EFT32067	30/12/2014	RUDD INDUSTRIAL AND FARM SUPPLIES	HARDWARE SUPPLIES	202.65
EFT32068	30/12/2014	SIGN SUPERMARKET	SIGNAGE & BANNER	220.00
EFT32069	30/12/2014	STAPLES AUSTRALIA LTD	STATIONERY & OTHER CONSUMABLES	319.10
EFT32070	30/12/2014	TIM DAVIES LANDSCAPING PTY LTD	GROUND & GARDEN MAINTENANCE	1,487.20
EFT32071	30/12/2014	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	614.01
EFT32072	30/12/2014	TRACS	PLANT PARTS & SERVICE	231.25
EFT32073	30/12/2014	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT SERVICE AGREEMENT - BAMAGA COMPACTOR	4,323.30
EFT32074	30/12/2014	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS COSTS	132.00
EFT32075	30/12/2014	UNITED CRANE HIRE PTY LTD	PLANT PARTS & SERVICE	737.00
EFT32076	30/12/2014	VISY RECYCLING	BIN HIRE	28.18
EFT32077	30/12/2014	VOLICH WASTE CONTRACTORS PTY LTD	BIN HIRE	44.00

**CEO's DELEGATED PAYMENTS LIST
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Cheque /EFT No	Date	Payee	Payment Description	Amount
EFT32078	30/12/2014	WA MACHINERY GLASS	VEHICLE REPAIRS	462.00
EFT32079	30/12/2014	WALGA - WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	STAFF TRAINING, DEVELOPMENT & SUPPORT	2,640.00
EFT32080	30/12/2014	WESTERN TREE RECYCLERS	WOODWASTE & MULCH PROCESSING	67,706.57
EFT32081	30/12/2014	WORK CLOBBER	PROTECTIVE CLOTHING	516.00
EFT32082	30/12/2014	WORKFORCE INTERNATIONAL	LABOUR HIRE	1,683.95
EFT32083	30/12/2014	WORKPAC PTY LTD	LABOUR HIRE	1,579.74
EFT32084	30/12/2014	WURTH AUSTRALIA PTY LTD	PLANT PARTS & SERVICE	348.78
EFT32085	30/12/2014	YEOMAN PTY LTD ATF THE RJ ROHLACH FAMILY TRUST	ENGINEERING CONSULTING	852.50
EFT32086	06/01/2015	ADT SECURITY	SECURITY MONITORING	448.87
EFT32087	06/01/2015	ALAN PILGRIM	QUARTERLY COUNCILLOR PAYMENT	8,755.00
EFT32088	06/01/2015	ALAN RADFORD	QUARTERLY COUNCILLOR PAYMENT	225.00
EFT32089	06/01/2015	AUSTRALIA POST - RED HILL	POSTAL SERVICES	293.75
EFT32090	06/01/2015	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	1,354.38
EFT32091	06/01/2015	AUSTRALIAN LANDFILL OWNERS ASSOCIATION	MEMBERSHIP & SUBSCRIPTION	2,200.00
EFT32092	06/01/2015	BUNNINGS BUILDING PRODUCTS	HARDWARE SUPPLIES	158.21
EFT32093	06/01/2015	CABCHARGE	TAXI SERVICE	384.78
EFT32094	06/01/2015	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT32095	06/01/2015	CHARLIE ZANNINO	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32096	06/01/2015	CHICA CATERING (VALLEY ROAD PTY LTD)	CATERING COST	282.40
EFT32097	06/01/2015	CHRIS CORNISH	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32098	06/01/2015	COMSYN CONSULTING PTY LTD	IT CONSULTING	1,322.75
EFT32099	06/01/2015	DAVID FARDIG	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32100	06/01/2015	DUN & BRADSTREET PTY LTD	CREDIT REFERENCE CHECKS	39.60
EFT32101	06/01/2015	E & MJ ROSHER	PLANT PARTS	109.40
EFT32102	06/01/2015	GERRY PULE	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32103	06/01/2015	IT VISION AUSTRALIA PTY LTD	STAFF TRAINING, DEVELOPMENT & SUPPORT	607.70
EFT32104	06/01/2015	JANET POWELL	QUARTERLY COUNCILLOR PAYMENT	3,798.25
EFT32105	06/01/2015	JENNIE CARTER	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32106	06/01/2015	MIKE ANDERTON	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32107	06/01/2015	MUNDARING TYRE CENTRE	TYRE REPAIRS	80.00
EFT32108	06/01/2015	NAMAMI YOGA (RAMI LEHMANN)	STAFF HEALTH PROMOTION	540.00
EFT32109	06/01/2015	NEVERFAIL SPRINGWATER	BOTTLED WATER	68.15
EFT32110	06/01/2015	PAYG PAYMENTS	TAXATION PAYMENT	60,738.00
EFT32111	06/01/2015	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	3,621.11
EFT32112	06/01/2015	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	789.91
EFT32113	06/01/2015	STEPHEN K WOLFF	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32114	06/01/2015	TONY CUCCARO	QUARTERLY COUNCILLOR PAYMENT	2,575.00
EFT32115	06/01/2015	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	334.35
EFT32116	06/01/2015	WORKPAC PTY LTD	LABOUR HIRE	2,188.20
EFT32117	09/01/2015	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	351.45
EFT32118	09/01/2015	BELMONT - REDCLIFFE NEWSROUND	NEWSPAPER PURCHASES	107.08
EFT32119	09/01/2015	BIN BATH AUSTRALIA PTY LTD	WASH GREEN BINS	158.95
EFT32120	09/01/2015	BUNNINGS BUILDING PRODUCTS	HARDWARE SUPPLIES	40.18
EFT32121	09/01/2015	CAPITAL TRANSPORT SERVICES (WA) PTY LTD	COURIER SERVICE	218.34
EFT32122	09/01/2015	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICIAN	531.22
EFT32123	09/01/2015	CORESTAFF WA PTY LTD	LABOUR HIRE	724.42
EFT32124	09/01/2015	CROSSLAND & HARDY PTY LTD	LAND SURVEYORS	1,203.95
EFT32125	09/01/2015	HOSECO (WA) PTY LTD	PLANT PARTS	196.68
EFT32126	09/01/2015	INTEWORK INC	LABOUR HIRE	379.46
EFT32127	09/01/2015	JAYCOURT NOMINEES P/L T/A BARFIELD EARTHMOVING	TRANSPORTATION OF PRODUCTS	511.83
EFT32128	09/01/2015	LANDFILL GAS & POWER PTY LTD	ELECTRICITY USAGE	10,297.75
EFT32129	09/01/2015	MARSMEN PLUMBING	BUILDING MAINTENANCE & REPAIR	156.20
EFT32130	09/01/2015	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	46.85
EFT32131	09/01/2015	RECRUITWEST	LABOUR HIRE	1,329.57
EFT32132	09/01/2015	SHUGS ELECTRICAL	BUILDING MAINTENANCE & REPAIRS	66.00
EFT32133	09/01/2015	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSE	1,543.25
EFT32134	09/01/2015	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	541.65
EFT32135	09/01/2015	TAFE WA CENTRAL	STAFF TRAINING, DEVELOPMENT & SUPPORT	2,750.00
EFT32136	09/01/2015	TELSTRA	TELECOMMUNICATIONS	473.88
EFT32137	09/01/2015	WATERLOGIC AUSTRALIA PTY LTD	WATER COOLER RENTAL & SERVICE	580.80
EFT32138	09/01/2015	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,835.46
EFT32139	09/01/2015	WORKPAC PTY LTD	LABOUR HIRE	2,351.98
EFT32140	13/01/2015	ABLE SALES	HARDWARE SUPPLIES	660.00
EFT32141	13/01/2015	AIR FILTER DRY CLEAN SYSTEMS WA PTY LTD ATF AFDCS TRADING TRUST	PLANT PARTS	618.81
EFT32142	13/01/2015	ANSPACH AGRICULTURAL CONTRACTING	TRANSPORTATION OF PRODUCTS	7,403.33
EFT32143	13/01/2015	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	12,162.94
EFT32144	13/01/2015	BUDGET MINI EXCAVATOR P/L T/A MINQUIP	PLANT AND OPERATOR HIRE	514.25
EFT32145	13/01/2015	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT32146	13/01/2015	CHEMCENTRE	LABORATORY ANALYSIS & REPORTING	10,625.89
EFT32147	13/01/2015	CIRRENA PTY LTD T/A UNISON INTERACTIVE PTY LTD	MARKETING & COMMUNICATIONS	1,540.00
EFT32148	13/01/2015	CITY OF SWAN	PLANT HIRE	400.00
EFT32149	13/01/2015	CJD EQUIPMENT PTY LTD	PLANT PARTS & SERVICE	606.63
EFT32150	13/01/2015	CROSSLAND & HARDY PTY LTD	LAND SURVEYORS	1,452.00
EFT32151	13/01/2015	DATA 3 PERTH	IT SOFTWARE	10,601.55
EFT32152	13/01/2015	ECO ENVIRONMENTAL (BENFOSTER PTY LTD)	ENVIRONMENTAL CONSULTING	473.00
EFT32153	13/01/2015	ELEMENT HYDROGRAPHIC SOLUTIONS	EQUIPMENT MAINTENANCE	496.10
EFT32154	13/01/2015	IPING PTY LTD	INTERNET & NETWORKING	1,128.80
EFT32155	13/01/2015	LINFOX ARMAGUARD PTY LTD	COURIER SERVICE	291.87
EFT32156	13/01/2015	MOTORCHARGE PTY LTD	FLEET FUEL PURCHASES	3,547.44
EFT32157	13/01/2015	NEVERFAIL SPRINGWATER LTD - COPPIN ROAD	BOTTLED WATER	109.45

**CEO's DELEGATED PAYMENTS LIST
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EFT32158	13/01/2015	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY MONITORING	1,919.03
EFT32159	13/01/2015	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	PLANT PARTS	299.60
EFT32160	13/01/2015	PROTECTOR FIRE SERVICES	FIRE EQUIPMENT MAINTENANCE	2,629.50
EFT32161	13/01/2015	RECRUITWEST	LABOUR HIRE	797.74
EFT32162	13/01/2015	SWAN PARK LEISURE CENTRE	HEALTH PROMOTION	342.00
EFT32163	13/01/2015	TELSTRA	TELECOMMUNICATIONS	610.90
EFT32164	13/01/2015	TRANEN PTY LTD	SITE REHABILITATION	1,841.61
EFT32165	15/01/2015	CHILD SUPPORT	PAYROLL DEDUCTION - CHILD SUPPORT	1,104.64
EFT32166	16/01/2015	ABC CONTAINERS PTY LTD	SHIPPING CONTAINER	4,680.50
EFT32167	16/01/2015	BRIAN NAUGHTON (BG'S CAR CLEANING SERVICE)	FLEET CAR CLEANING	370.00
EFT32168	16/01/2015	COVS PARTS PTY LTD	PLANT PARTS	903.75
EFT32169	16/01/2015	ECONOMIC DEVELOPMENT AUSTRALIA	MEMBERSHIP & SUBSCRIPTION	400.00
EFT32170	16/01/2015	FINEWOOD INVESTMENTS T/A EMBROIDERY WA	STAFF UNIFORMS	230.62
EFT32171	16/01/2015	JEM HEALTH (JEM MEDICAL PTY LTD)	HEALTH PROMOTION	8,607.45
EFT32172	16/01/2015	LANDFILL GAS & POWER PTY LTD	ELECTRICITY USAGE	685.78
EFT32173	16/01/2015	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	150.00
EFT32174	16/01/2015	PRESTIGE ALARMS	SECURITY MONITORING & MAINTENANCE	693.00
EFT32175	16/01/2015	PROTECTOR FIRE SERVICES	FIRE EQUIPMENT MAINTENANCE	1,427.58
EFT32176	16/01/2015	PRUDENTIAL INVESTMENT SERVICES CORP P/L	INVESTMENT ADVISORY SERVICES	2,475.00
EFT32177	16/01/2015	SPUDS GARDENING SERVICES	GARDEN MAINTENANCE	11,580.00
EFT32178	16/01/2015	SYNERGY	ELECTRICITY USAGE	782.20
EFT32179	16/01/2015	TRANSPACIFIC CLEANAWAY LTD	BIN HIRE	146.14
EFT32180	16/01/2015	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,397.45
EFT32181	20/01/2015	DEPUTY COMMISSIONER OF TAXATION	GST PAYMENT TO ATO	212,195.00
EFT32182	20/01/2015	PAYG PAYMENTS	TAXATION PAYMENT	61,577.00
EFT32183	20/01/2015	AA FENCING ENTERPRISES	CARBON TAX REFUND	24.18
EFT32184	20/01/2015	ERTECH HOLDINGS PTY LTD	CARBON TAX REFUND	278.76
EFT32185	20/01/2015	GRACE REMOVALS GROUP	CARBON TAX REFUND	174.21
EFT32186	20/01/2015	GREENS HIAB SERVICES PTY LTD	CARBON TAX REFUND	28.50
EFT32187	20/01/2015	LA SALLE COLLEGE	CARBON TAX REFUND	8.01
EFT32188	20/01/2015	RMAX	CARBON TAX REFUND	27.86
EFT32189	20/01/2015	ROSKELL SAND SUPPLIES	CARBON TAX REFUND	373.23
EFT32190	20/01/2015	S & M BOBCAT GROUP	CARBON TAX REFUND	75.73
EFT32191	20/01/2015	SEVENTH DAY ADVENTIST CHURCH	CARBON TAX REFUND	4.00
EFT32192	20/01/2015	SIMS METAL MANAGEMENT WA	CARBON TAX REFUND	931.72
EFT32193	20/01/2015	ADCORP	ADVERTISING	229.74
EFT32194	20/01/2015	ADT SECURITY	SECURITY MONITORING	954.80
EFT32195	20/01/2015	ALGA (AUSTRALASIAN LAND & GROUNDWATER ASSOCIATION)	MEMBERSHIP & SUBSCRIPTION	132.00
EFT32196	20/01/2015	ARIADNE MACLEOD	STAFF REIMBURSEMENT	104.98
EFT32197	20/01/2015	AUST-WEIGH	WEIGHBRIDGE MAINTENANCE	495.00
EFT32198	20/01/2015	AUSTRACLEAR LIMITED (ASX)	MEMBERSHIP & SUBSCRIPTION	852.50
EFT32199	20/01/2015	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	1,573.88
EFT32200	20/01/2015	AUSTRALIAN LABORATORY SERVICES PTY LTD (ALS)	LABORATORY ANALYSIS & REPORTING	19,270.35
EFT32201	20/01/2015	BEAUMONDE CATERING	CATERING COST	4,039.86
EFT32202	20/01/2015	BOYA EQUIPMENT	PLANT EQUIPMENT	6,831.00
EFT32203	20/01/2015	BP AUSTRALIA LIMITED	FUEL PURCHASES	64,684.60
EFT32204	20/01/2015	BP AUSTRALIA LIMITED	OIL PURCHASES	3,551.64
EFT32205	20/01/2015	BP GIDGEGANNUP	NEWSPAPER PURCHASES	25.50
EFT32206	20/01/2015	BUDGET ELECTRICS	BUILDING MAINTENANCE	1,397.42
EFT32207	20/01/2015	C & K FABRICATION PTY LTD	SITE REPAIR	200.00
EFT32208	20/01/2015	CA TECHNOLOGY PTY LTD T/A CAMMS MANAGEMENT SOLUTIONS	DATA STORAGE FEE - CLOUD HOSTING	1,980.00
EFT32209	20/01/2015	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT32210	20/01/2015	CLICKSUPER P/L ATF CLICKSUPER UNIT TRUST	SUPERANNUATION CLEARING HOUSE	22.00
EFT32211	20/01/2015	COMPU-STOR	DATA STORAGE	1,082.02
EFT32212	20/01/2015	CUTTING EDGES REPLACEMENT PARTS PTY LTD	PLANT PARTS	664.67
EFT32213	20/01/2015	FLIGHT CENTRE BUSINESS TRAVEL DIRECT	ACCOMMODATION	720.00
EFT32214	20/01/2015	FRESH BOOST PTY LTD ATF BANDITS TRUST	STAFF AMENITIES	525.00
EFT32215	20/01/2015	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPYING	594.55
EFT32216	20/01/2015	HECS FIRE	BUILDING MAINTENANCE	385.00
EFT32217	20/01/2015	HOSECO (WA) PTY LTD	PLANT PARTS	2,635.19
EFT32218	20/01/2015	JAYCOURT NOMINEES PTY LTD T/A BARFIELD	TRANSPORTATION OF PRODUCTS	8,892.27
EFT32219	20/01/2015	KENNARDS HIRE	EQUIPMENT HIRE	260.00
EFT32220	20/01/2015	KOTT GUNNING LAWYERS	LEGAL FEES	2,237.95
EFT32221	20/01/2015	LO-GO APPOINTMENTS	LABOUR HIRE	3,216.74
EFT32222	20/01/2015	MAIL PLUS PERTH	COURIER SERVICES	369.60
EFT32223	20/01/2015	MS GROUNDWATER MANAGEMENT	GROUNDWATER INVESTIGATION & REPORTING	4,216.96
EFT32224	20/01/2015	MUNDARING TYRE CENTRE	TYRE REPAIRS	159.00
EFT32225	20/01/2015	NEVERFAIL SPRINGWATER	BOTTLED WATER	275.45
EFT32226	20/01/2015	NEVERFAIL SPRINGWATER LTD - MATHIESON ROAD	BOTTLED WATER	117.10
EFT32227	20/01/2015	OTIS ELEVATOR COMPANY PTY LTD	BUILDING MAINTENANCE	431.97
EFT32228	20/01/2015	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY PATROL	3,575.75
EFT32229	20/01/2015	PITNEY BOWES CREDIT AUSTRALIA LTD	POSTAGE EXPENSE	333.63
EFT32230	20/01/2015	PROTECTOR ALSAFE PTY LTD	PROTECTIVE CLOTHING	676.71
EFT32231	20/01/2015	RECRUITWEST	LABOUR HIRE	1,063.66
EFT32232	20/01/2015	RENTOKIL INITIAL PTY LTD	EQUIPMENT RENTAL	666.86
EFT32233	20/01/2015	SETON AUSTRALIA	HARDWARE SUPPLIES	101.70
EFT32234	20/01/2015	SGS AUSTRALIA PTY LTD	LABORATORY ANALYSIS & REPORTING	874.50
EFT32235	20/01/2015	SHUGS ELECTRICAL	BUILDING REPAIR & MAINTENANCE	231.00
EFT32236	20/01/2015	SNAP BELMONT (BELSNAP PTY LTD)	PRINTING EXPENSE	229.00
EFT32237	20/01/2015	SPUDS GARDENING SERVICES	GARDEN MAINTENANCE	3,550.00

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EFT32238	20/01/2015	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	181.99
EFT32239	20/01/2015	STOTT HOARE	PURCHASE OF AN UNINTERRUPTED POWER SUPPLY UNIT	3,504.60
EFT32240	20/01/2015	STRATEGEN ENVIRONMENTAL CONSULTANTS PTY LTD	ENVIRONMENTAL CONSULTING	16,017.24
EFT32241	20/01/2015	TELSTRA	TELECOMMUNICATIONS	177.32
EFT32242	20/01/2015	TELSTRA	TELECOMMUNICATIONS	215.30
EFT32243	20/01/2015	THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD	EQUIPMENT SERVICE	200.20
EFT32244	20/01/2015	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	534.59
EFT32245	20/01/2015	UNIQUE WASTE MANAGEMENT SERVICES	TRANSPORTATION OF PRODUCTS	3,206.50
EFT32246	20/01/2015	WALGA - WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	MEMBERSHIP & SUBSCRIPTION	14,643.01
EFT32247	20/01/2015	WESFARMER KLEENHEAT GAS PTY LTD	EQUIPMENT RENTAL	68.20
EFT32248	20/01/2015	WORKFORCE INTERNATIONAL	LABOUR HIRE	3,506.30
EFT32249	20/01/2015	WORKPAC PTY LTD	LABOUR HIRE	3,580.33
EFT32250	20/01/2015	WURTH AUSTRALIA PTY LTD	PLANT PARTS	196.79
EFT32251	23/01/2015	ALLIANCE RECRUITMENT	LABOUR HIRE	1,360.04
EFT32252	23/01/2015	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICIAN	462.00
EFT32253	23/01/2015	CHANDLER MACLEOD GROUP	LABOUR HIRE	1,794.21
EFT32254	23/01/2015	COMSYNC CONSULTING PTY LTD	IT CONSULTING	2,288.00
EFT32255	23/01/2015	DVG GOLDY HOLDEN	VEHICLE SERVICE	275.00
EFT32256	23/01/2015	JAYCOURT NOMINEES PTY LTD T/A BARFIELD MECHANICAL SERVICES	PLANT SERVICE	805.20
EFT32257	23/01/2015	KLB SYSTEMS	PURCHASE OF IT HARDWARE - FIREWALL	407.00
EFT32258	23/01/2015	KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L	PHOTOCOPY EXPENSES	627.54
EFT32259	23/01/2015	LEN FRENCH FENCING CONTRACTOR	FENCE REPAIRS	210.00
EFT32260	23/01/2015	LO-GO APPOINTMENTS	LABOUR HIRE	4,509.45
EFT32261	23/01/2015	MIDLAND CEMENT MATERIALS	SITE MAINTENANCE	135.30
EFT32262	23/01/2015	MINI-TANKERS AUSTRALIA PTY LTD	FUEL PURCHASES	669.92
EFT32263	23/01/2015	NEVERFAIL SPRINGWATER	BOTTLED WATER	250.30
EFT32264	23/01/2015	NEVERFAIL SPRINGWATER LTD - HAZELMERE	BOTTLED WATER	84.85
EFT32265	23/01/2015	RHYS BROOKER	STAFF RECOGNITION PROGRAM	1,000.00
EFT32266	23/01/2015	SHUGS ELECTRICAL	BUILDING MAINTENANCE & REPAIR	2,719.04
EFT32267	23/01/2015	SPUDS GARDENING SERVICES	GARDEN MAINTENANCE	3,365.00
EFT32268	23/01/2015	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	32.99
EFT32269	23/01/2015	SYNERGY	ELECTRICITY USAGE	1.25
EFT32270	23/01/2015	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT REPAIR & SERVICE	812.72
EFT32271	23/01/2015	WESTERN PLANT HIRE (WA) PTY LTD (WPH)	PLANT HIRE	11,973.50
EFT32272	23/01/2015	WESTRAC EQUIPMENT PTY LTD	PLANT PARTS	956.93
EFT32273	23/01/2015	WORKFORCE INTERNATIONAL	LABOUR HIRE	2,200.57
EFT32274	23/01/2015	WORKPAC PTY LTD	LABOUR HIRE	4,399.22
EFT32275	27/01/2015	DEPARTMENT OF ENVIRONMENT REGULATION (DER)	LANDFILL LEVY	1,439,932.48
EFT32276	27/01/2015	ROSE & CROWN (MARKEPTRA TRADING)	ACCOMMODATION - HAAS ENGINEER	1,106.25
EFT32277	29/01/2015	CHILD SUPPORT	PAYROLL DEDUCTION - CHILD SUPPORT	705.32
EFT32278	29/01/2015	CORPORATE CARBON ADVISORY PTY LTD	CARBON TAX LIABILITY PAYMENT (2013/2014)	183,098.40
EFT32279	30/01/2015	ACCESS INDUSTRIAL TYRES PTY LTD	PLANT EQUIPMENT	805.75
EFT32280	30/01/2015	AIR FILTER DRY CLEAN SYSTEMS WA PTY LTD ATF AFDCS TRADING TRUST	PLANT PARTS	249.70
EFT32281	30/01/2015	AIRLITE CLEANING	CLEANING EXPENSES	225.35
EFT32282	30/01/2015	ALLIGHTSYKES PTY LTD	EQUIPMENT MAINTENANCE	602.25
EFT32283	30/01/2015	AUSTRACLEAR LIMITED (ASX)	FINANCIAL SERVICES FEE	13.75
EFT32284	30/01/2015	AUSTRALIAN HVAC SERVICES	AIRCONDITIONING MAINTENANCE & REPAIRS	550.00
EFT32285	30/01/2015	BATTERY WORLD	PURCHASE OF BATTERY WIRE - HAZELMERE	110.00
EFT32286	30/01/2015	BRING COURIERS	COURIER SERVICE	510.57
EFT32287	30/01/2015	CHAMBERLAIN AUTO ELECTRICS	AUTO ELECTRICIAN	685.83
EFT32288	30/01/2015	CITY OF SWAN	SITE SWEEPING HAZELMERE	1,567.50
EFT32289	30/01/2015	CJD EQUIPMENT PTY LTD	PLANT PARTS, REPAIR & SERVICE	9,119.40
EFT32290	30/01/2015	COVS PARTS PTY LTD	PLANT PARTS	300.35
EFT32291	30/01/2015	CPR ELECTRICAL SERVICES	PLANT REPAIR & SERVICE	198.00
EFT32292	30/01/2015	DAVID WILLS & ASSOCIATES	ENGINEERING CONSULTING	748.00
EFT32293	30/01/2015	DELRON CLEANING PTY LTD	CLEANING EXPENSES	3,507.94
EFT32294	30/01/2015	ECHO NEWSPAPERS	ANNUAL SUBSCRIPTION	102.00
EFT32295	30/01/2015	ELAN ENERGY MANAGEMENT (TYRE RECYCLERS)	TYRE DISPOSAL	345.64
EFT32296	30/01/2015	FILTERS PLUS	PLANT PARTS	140.25
EFT32297	30/01/2015	FUJI XEROX AUSTRALIA PTY LTD	PHOTOCOPY MAINTENANCE	75.96
EFT32298	30/01/2015	HECS FIRE	FIRE EQUIPMENT MAINTENANCE	286.00
EFT32299	30/01/2015	IPAA (REFER TO 1721 FOR HISTORY)	STAFF TRAINING, DEVELOPMENT & SUPPORT	435.00
EFT32300	30/01/2015	J & K HOPKINS	OFFICE FURNITURE	818.00
EFT32301	30/01/2015	JAYCOURT NOMINEES P/L T/A BARFIELD EARTHMOVING	TRANSPORTATION OF PRODUCTS	8,892.27
EFT32302	30/01/2015	KD.1 P/L AS TRUSTEE FOR THE AITKIN FAMILY TRUST	ENVIRONMENTAL CONSULTING	495.00
EFT32303	30/01/2015	KLB SYSTEMS	PURCHASE OF CORPORATE FAX SOFTWARE	2,651.00
EFT32304	30/01/2015	LANDMARK OPERATIONS LIMITED	FIRE EQUIPMENT	3,060.99
EFT32305	30/01/2015	LIEBHERR AUSTRALIA PTY LTD	PLANT REPAIR & SERVICE	2,682.11
EFT32306	30/01/2015	M2 TECHNOLOGY	ON HOLD MESSAGING SERVICE	275.00
EFT32307	30/01/2015	MCINTOSH & SON	PLANT PARTS	140.80
EFT32308	30/01/2015	METROWEST ELECTRICAL & COMMUNICATIONS PTY LTD	IT EQUIPMENT	5,866.31
EFT32309	30/01/2015	MJ & AR BAMFORD	ENVIRONMENTAL CONSULTING	6,130.30
EFT32310	30/01/2015	ONSITE RENTALS PTY LTD	EQUIPMENT RENTAL	474.38
EFT32311	30/01/2015	OPUS INTERNATIONAL CONSULTANTS (AUSTRALIA) P/L	ENGINEERING CONSULTING	13,238.50
EFT32312	30/01/2015	PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD	SECURITY PATROL	2,347.02
EFT32313	30/01/2015	PIRTEK MIDLAND (M & B HYDRAULICS PTY LTD)	PLANT PARTS	6,330.79
EFT32314	30/01/2015	PORTNER PRESS PTY LTD	PUBLICATION EXPENSES	147.00
EFT32315	30/01/2015	PROTECTOR FIRE SERVICES	FIRE EQUIPMENT MAINTENANCE	2,389.59
EFT32316	30/01/2015	RECRUITWEST	LABOUR HIRE	265.91

**CEO's DELEGATED PAYMENTS LIST
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Cheque /EFT No	Date	Payee	Payment Description	Amount
EFT32317	30/01/2015	RUDD INDUSTRIAL AND FARM SUPPLIES	EQUIPMENT	987.63
EFT32318	30/01/2015	SEEK LIMITED	STAFF RECRUITMENT	280.50
EFT32319	30/01/2015	STAPLES AUSTRALIA LTD	STATIONERY AND OTHER CONSUMABLES	207.20
EFT32320	30/01/2015	STRATEGEN ENVIRONMENTAL CONSULTANTS PTY LTD	ENVIRONMENTAL CONSULTING	7,976.13
EFT32321	30/01/2015	TELSTRA	TELECOMMUNICATIONS	5,391.38
EFT32322	30/01/2015	TELSTRA	TELECOMMUNICATIONS	149.41
EFT32323	30/01/2015	TELSTRA	TELECOMMUNICATIONS	17.81
EFT32324	30/01/2015	TIM DAVIES LANDSCAPING PTY LTD	GROUND & GARDEN MAINTENANCE	937.20
EFT32325	30/01/2015	TOTALLY WORKWEAR MIDLAND	PROTECTIVE CLOTHING	50.49
EFT32326	30/01/2015	TUTT BRYANT EQUIPMENT (BT EQUIPMENT PTY LTD)	PLANT REPAIR & SERVICE	2,031.12
EFT32327	30/01/2015	VISY RECYCLING	BIN HIRE	84.54
EFT32328	30/01/2015	VOLICH WASTE CONTRACTORS PTY LTD	BIN HIRE	44.00
EFT32329	30/01/2015	WA BROILER GROWERS ASSOCIATION (INC)	REFUND OF PAYMENT GUARANTEE	7,999.20
EFT32330	30/01/2015	WESTERN TREE RECYCLERS	WOODWASTE & MULCH PROCESSING	140,027.80
EFT32331	30/01/2015	WORK CLOBBER	PROTECTIVE CLOTHING	1,340.00
EFT32332	30/01/2015	WORKFORCE INTERNATIONAL	LABOUR HIRE	1,892.56
EFT32333	30/01/2015	WORKPAC PTY LTD	LABOUR HIRE	2,641.80
EFT32334	30/01/2015	YEOMAN PTY LTD ATF THE RJ ROHRLACH FAMILY TRUST	ENGINEERING CONSULTING	440.00
219987	06/11/2014	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	463.20
219988	06/11/2014	EMRC PETTY CASH - COPPIN ROAD	PETTY CASH RECOUP	43.30
219989	06/11/2014	EMRC PETTY CASH - HAZELMERE	PETTY CASH RECOUP	166.05
219990	06/11/2014	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	269.05
219991	14/11/2014	EMRC PETTY CASH - MATHIESON ROAD	PETTY CASH RECOUP	35.55
219992	14/11/2014	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	474.80
219993	21/11/2014	DEPARTMENT OF MINES AND PETROLEUM	LICENSING COSTS	35.00
219994	21/11/2014	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	221.75
219995	25/11/2014	DEPARTMENT OF TRANSPORT - BULK BILLING	LICENSING COSTS	147.35
219996	02/12/2014	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	696.35
219997	02/12/2014	EMRC PETTY CASH - HAZELMERE	PETTY CASH RECOUP	135.55
219998	02/12/2014	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	35.70
219999	04/12/2014	PERTH HILLS PAINTBALL ASSOCIATION	COMMUNITY GRANT PAYMENT	1,320.00
220000	09/12/2014	DEPARTMENT OF TRANSPORT - BULK BILLING	LICENSING COSTS	171.55
220001	12/12/2014	EMRC PETTY CASH - COPPIN ROAD	PETTY CASH RECOUP	56.35
220002	12/12/2014	EMRC PETTY CASH - MATHIESON ROAD	PETTY CASH RECOUP	28.75
220003	16/12/2014	DEPARTMENT OF TRANSPORT - BULK BILLING	LICENSING COSTS	599.25
220004	16/12/2014	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	280.45
220005	16/12/2014	WATER CORPORATION	WATER USAGE	911.99
220006	16/12/2014	WATER CORPORATION	INFRASTRUCTURE COST - HAZELMERE	13,307.90
220007	18/12/2014	EMRC PETTY CASH - BELMONT	PETTY CASH RECOUP	319.10
220008	18/12/2014	EMRC PETTY CASH - HAZELMERE	PETTY CASH RECOUP	95.90
220009	19/12/2014	CPA AUSTRALIA	MEMBERSHIP & SUBSCRIPTION	690.00
220010	06/01/2015	ANDREW WADDELL	COUNCILLORS PAYMENT	225.00
220011	06/01/2015	DYLAN O'CONNOR	QUARTERLY COUNCILLORS PAYMENT	2,575.00
220012	06/01/2015	EMRC PETTY CASH - COPPIN ROAD	PETTY CASH RECOUP	56.15
220013	06/01/2015	EMRC PETTY CASH - MATHIESON ROAD	PETTY CASH RECOUP	17.90
220014	06/01/2015	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	194.55
220015	06/01/2015	FRANK LINDSEY	QUARTERLY COUNCILLOR PAYMENT	2,575.00
220016	06/01/2015	BEN POWER	STAFF REIMBURSEMENT	500.00
220017	06/01/2015	GIDGEGANNUP AGRICULTURAL SOCIETY	ADVERTISING EXPENSES	44.00
220018	06/01/2015	LAUREN PANIZZA	STAFF REIMBURSEMENT	500.00
220019	16/01/2015	EMRC PETTY CASH - HAZELMERE	PETTY CASH RECOUP	136.95
220020	30/01/2015	EMRC PETTY CASH - REDHILL	PETTY CASH RECOUP	223.70
PAY 2015-10	04/11/2014	PAYROLL FE 4/11/14	PAYROLL	194,831.33
PAY 2015-11	18/11/2014	PAYROLL FE 18/11/14	PAYROLL	201,618.00
PAY 2015-12	02/12/2014	PAYROLL FE 2/12/14	PAYROLL	195,932.77
PAY 2015-13	16/12/2014	PAYROLL FE 16/12/14	PAYROLL	197,806.12
PAY 2015-14	30/12/2014	PAYROLL FE 30/12/14	PAYROLL	197,830.99
PAY 2015-15	13/01/2015	PAYROLL FE 13/1/15	PAYROLL	195,945.39
PAY 2015-16	27/01/2015	PAYROLL FE 27/1/15	PAYROLL	196,577.95
1*NOV14	03/11/2014	BANK CHARGES 1589 - 1592	FEES & CHARGES	2,022.92
1*DEC14	01/12/2014	BANK CHARGES 1593 - 1597	FEES & CHARGES	2,061.57
1*JAN15	02/01/2015	BANK CHARGES 1597 - 1602	FEES & CHARGES	2,154.31
DD13860.1	04/11/2014	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	33,728.70
DD13860.2	04/11/2014	UNISUPER	PAYROLL SUPERANNUATION DEDUCTION	96.12
DD13860.3	04/11/2014	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.15
DD13860.4	04/11/2014	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	588.05
DD13860.5	04/11/2014	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	681.13
DD13860.6	04/11/2014	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	243.95
DD13860.7	04/11/2014	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	288.36
DD13860.8	04/11/2014	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	238.31
DD13860.9	04/11/2014	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	203.26
DD13860.10	04/11/2014	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	476.87
DD13860.11	04/11/2014	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	278.29
DD13860.12	04/11/2014	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,441.24
DD13860.13	04/11/2014	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	884.38
DD13860.14	04/11/2014	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD13860.15	04/11/2014	ONEPATH MASTERFUND	PAYROLL SUPERANNUATION DEDUCTION	56.69
DD13860.16	04/11/2014	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD13860.17	04/11/2014	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD13861.1	18/11/2014	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	34,428.95
DD13861.2	18/11/2014	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD13861.3	18/11/2014	UNISUPER	PAYROLL SUPERANNUATION DEDUCTION	48.06

**CEO's DELEGATED PAYMENTS LIST
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Cheque /EFT No	Date	Payee	Payment Description	Amount
DD13861.4	18/11/2014	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.15
DD13861.5	18/11/2014	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	684.63
DD13861.6	18/11/2014	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	243.12
DD13861.7	18/11/2014	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	288.70
DD13861.8	18/11/2014	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	266.25
DD13861.9	18/11/2014	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	202.81
DD13861.10	18/11/2014	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	517.81
DD13861.11	18/11/2014	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	264.98
DD13861.12	18/11/2014	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,494.98
DD13861.13	18/11/2014	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	884.38
DD13861.14	18/11/2014	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD13861.15	18/11/2014	ONEPATH MASTERFUND	PAYROLL SUPERANNUATION DEDUCTION	56.69
DD13861.16	18/11/2014	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD13861.17	18/11/2014	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	660.54
DD13996.1	02/12/2014	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	35,395.47
DD13996.2	02/12/2014	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	588.42
DD13996.3	02/12/2014	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	686.86
DD13996.4	02/12/2014	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	241.36
DD13996.5	02/12/2014	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	289.37
DD13996.6	02/12/2014	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	265.34
DD13996.7	02/12/2014	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	204.24
DD13996.8	02/12/2014	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	481.01
DD13996.9	02/12/2014	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	253.71
DD13996.10	02/12/2014	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,454.40
DD13996.11	02/12/2014	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	884.38
DD13996.12	02/12/2014	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD13996.13	02/12/2014	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD13996.14	02/12/2014	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD13996.15	02/12/2014	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.15
DD13997.1	16/12/2014	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	35,397.03
DD13997.2	16/12/2014	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD13997.3	16/12/2014	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.15
DD13997.4	16/12/2014	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	684.25
DD13997.5	16/12/2014	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	241.31
DD13997.6	16/12/2014	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	284.31
DD13997.7	16/12/2014	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	271.35
DD13997.8	16/12/2014	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	204.52
DD13997.9	16/12/2014	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	476.87
DD13997.10	16/12/2014	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	213.91
DD13997.11	16/12/2014	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,498.49
DD13997.12	16/12/2014	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	884.38
DD13997.13	16/12/2014	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD13997.14	16/12/2014	ONEPATH MASTERFUND	PAYROLL SUPERANNUATION DEDUCTION	70.87
DD13997.15	16/12/2014	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD13997.16	16/12/2014	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	651.17
DD13998.1	30/12/2014	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	34,865.27
DD13998.2	30/12/2014	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD13998.3	30/12/2014	AUSTRALIAN ETHICAL SUPER	PAYROLL SUPERANNUATION DEDUCTION	189.59
DD13998.4	30/12/2014	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.16
DD13998.5	30/12/2014	HOSTPLUS SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	153.73
DD13998.6	30/12/2014	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	679.11
DD13998.7	30/12/2014	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	243.66
DD13998.8	30/12/2014	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	275.77
DD13998.9	30/12/2014	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	254.37
DD13998.10	30/12/2014	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	202.47
DD13998.11	30/12/2014	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	476.86
DD13998.12	30/12/2014	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	246.80
DD13998.13	30/12/2014	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,253.42
DD13998.14	30/12/2014	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	910.20
DD13998.15	30/12/2014	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD13998.16	30/12/2014	ONEPATH MASTERFUND	PAYROLL SUPERANNUATION DEDUCTION	42.52
DD13998.17	30/12/2014	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD13998.18	30/12/2014	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	782.13
DD14083.1	13/01/2015	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	34,254.34
DD14083.2	13/01/2015	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.16
DD14083.3	13/01/2015	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	764.46
DD14083.4	13/01/2015	HOSTPLUS SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	69.93
DD14083.5	13/01/2015	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	678.72
DD14083.6	13/01/2015	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	240.04
DD14083.7	13/01/2015	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	299.01
DD14083.8	13/01/2015	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	216.45
DD14083.9	13/01/2015	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	202.75
DD14083.10	13/01/2015	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	476.87
DD14083.11	13/01/2015	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	263.81
DD14083.12	13/01/2015	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,250.02
DD14083.13	13/01/2015	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	884.38
DD14083.14	13/01/2015	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD14083.15	13/01/2015	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD14083.16	13/01/2015	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD14083.17	13/01/2015	AUSTRALIAN ETHICAL SUPER	PAYROLL SUPERANNUATION DEDUCTION	189.60
DD14084.1	13/01/2015	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	187.73
DD14084.4	13/01/2015	LEGALSUPER	PAYROLL SUPERANNUATION DEDUCTION	280.53



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Eastern Metropolitan Regional Council

**CEO's DELEGATED PAYMENTS LIST
FOR THE MONTHS OF NOVEMBER 2014, DECEMBER 2014 & JANUARY 2015**

Cheque /EFT No	Date	Payee	Payment Description	Amount
DD14085.1	27/01/2015	WALGS PLAN	PAYROLL SUPERANNUATION DEDUCTION	35,519.35
DD14085.2	27/01/2015	COLONIAL FIRST STATE FIRSTCHOICE	PAYROLL SUPERANNUATION DEDUCTION	243.68
DD14085.3	27/01/2015	AUSTRALIAN ETHICAL SUPER	PAYROLL SUPERANNUATION DEDUCTION	189.59
DD14085.4	27/01/2015	KINETIC SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	146.15
DD14085.5	27/01/2015	HOSTPLUS SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	85.41
DD14085.6	27/01/2015	NORTH PERSONAL SUPERANNUATION	PAYROLL SUPERANNUATION DEDUCTION	755.48
DD14085.7	27/01/2015	BT LIFETIME SUPER - EMPLOYER PLAN	PAYROLL SUPERANNUATION DEDUCTION	241.22
DD14085.8	27/01/2015	NORWICH UNION SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	288.87
DD14085.9	27/01/2015	CBUS INDUSTRY SUPER	PAYROLL SUPERANNUATION DEDUCTION	303.11
DD14085.10	27/01/2015	MTAA SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	201.45
DD14085.11	27/01/2015	BT BUSINESS SUPER	PAYROLL SUPERANNUATION DEDUCTION	476.86
DD14085.12	27/01/2015	ZURICH MASTER SUPERANNUATION FUND	PAYROLL SUPERANNUATION DEDUCTION	261.00
DD14085.13	27/01/2015	AUSTRALIAN SUPER	PAYROLL SUPERANNUATION DEDUCTION	1,328.09
DD14085.14	27/01/2015	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTION	696.65
DD14085.15	27/01/2015	LEGALSUPER	PAYROLL SUPERANNUATION DEDUCTION	280.53
DD14085.16	27/01/2015	ONEPATH MASTERFUND	PAYROLL SUPERANNUATION DEDUCTION	56.69
DD14085.17	27/01/2015	TELSTRA SUPERANNUATION SCHEME	PAYROLL SUPERANNUATION DEDUCTION	168.88
DD14085.18	27/01/2015	RETAIL EMPLOYEES SUPERANNUATION TRUST	PAYROLL SUPERANNUATION DEDUCTION	822.17
883	14/11/2014	NATIONAL AUSTRALIA BANK	TERM DEPOSIT INVESTMENT	1,000,000.00
884	25/11/2014	WESTPAC BANKING CORPORATION	TERM DEPOSIT INVESTMENT	1,000,000.00
885	28/11/2014	WBC - CORPORATE MASTER CARD - D AMEDURI	CREDIT CARD PURCHASES	2,929.80
886	28/11/2014	WBC - CORPORATE MASTER CARD - D CANHAM	CREDIT CARD PURCHASES	2,364.48
887	28/11/2014	WBC - CORPORATE MASTER CARD - MARILYNN HORGAN	CREDIT CARD PURCHASES	1,269.40
888	28/11/2014	WBC - CORPORATE MASTER CARD - S FITZPATRICK	CREDIT CARD PURCHASES	103.81
889	28/11/2014	WBC - CORPORATE MASTER CARD - T ECKSTEIN	CREDIT CARD PURCHASES	87.89
890	28/11/2014	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	2,508.41
891	02/12/2014	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PLANT PARTS PURCHASE	215,316.00
892	03/12/2014	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PLANT PARTS PURCHASE	27,968.12
893	03/12/2014	HAAS HOLZZERKLEINERUNGS - UND FORDERTECHNIK GMBH	PLANT PARTS PURCHASE	20,922.00
894	05/12/2014	ENERTECH LTD		39,945.63
895	01/12/2014	WBC - CORPORATE MASTERCARD - P SCHNEIDER	CREDIT CARD PURCHASES	645.40
896	16/12/2014	NATIONAL AUSTRALIA BANK	TERM DEPOSIT INVESTMENT	1,500,000.00
897	16/12/2014	WSP UK LTD	ENGINEERING CONSULTING	12,921.46
898	30/12/2014	WBC - CORPORATE MASTER CARD - D AMEDURI	CREDIT CARD PURCHASES	72.63
899	30/12/2014	WBC - CORPORATE MASTER CARD - D CANHAM	CREDIT CARD PURCHASES	1,272.66
900	30/12/2014	WBC - CORPORATE MASTER CARD - MARILYNN HORGAN	CREDIT CARD PURCHASES	1,041.00
901	30/12/2014	WBC - CORPORATE MASTER CARD - S FITZPATRICK	CREDIT CARD PURCHASES	2,739.10
902	30/12/2014	WBC - CORPORATE MASTER CARD - T ECKSTEIN	CREDIT CARD PURCHASES	320.91
903	30/12/2014	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	1,207.99
904	30/12/2014	WBC - CORPORATE MASTERCARD - P SCHNEIDER	CREDIT CARD PURCHASES	504.22
905	27/01/2015	ANZ BANKING GROUP	TERM DEPOSIT INVESTMENT	2,000,000.00
906	20/01/2015	NATIONAL AUSTRALIA BANK	TERM DEPOSIT INVESTMENT	500,000.00
907	28/01/2015	WBC - CORPORATE MASTER CARD - D AMEDURI	CREDIT CARD PURCHASES	53.00
908	28/01/2015	WBC - CORPORATE MASTER CARD - D CANHAM	CREDIT CARD PURCHASES	1,468.07
909	28/01/2015	WBC - CORPORATE MASTER CARD - MARILYNN HORGAN	CREDIT CARD PURCHASES	813.25
910	28/01/2015	WBC - CORPORATE MASTER CARD - S FITZPATRICK	CREDIT CARD PURCHASES	18.25
911	28/01/2015	WBC - CORPORATE MASTER CARD - T ECKSTEIN	CREDIT CARD PURCHASES	418.50
912	28/01/2015	WBC - CORPORATE MASTERCARD - H LIEW	CREDIT CARD PURCHASES	287.15
913	28/01/2015	WBC - CORPORATE MASTERCARD - P SCHNEIDER	CREDIT CARD PURCHASES	18.25
SUBTOTAL				13,052,004.87
LESS CANCELLED CHEQUES & EFTs				
EFT32218	20/01/2015	JAYCOURT NOMINEES PTY LTD T/A BARFIELD	TRANSPORTATION OF PRODUCTS	-8,892.27
DD14084.2	13/01/2015	AMP FLEXIBLE LIFETIME SUPER	PAYROLL SUPERANNUATION DEDUCTIONS	-187.73
DD14084.3	13/01/2015	AMP SUPER LEADER	PAYROLL SUPERANNUATION DEDUCTIONS	-280.53
SUBTOTAL				-9,360.53
TOTAL				13,042,644.34
REPORT				
Bank Code				TOTAL
1		EMRC - Municipal Fund		13,042,644.34
TOTAL				13,042,644.34



14.2 FINANCIAL REPORT FOR PERIOD ENDED 30 NOVEMBER 2014

REFERENCE: D2015/01953

PURPOSE OF REPORT

The purpose of this report is to provide Council with an overview of the Eastern Metropolitan Regional Council's (EMRC's) financial performance for the period ended 30 November 2014.

KEY ISSUES AND RECOMMENDATION(S)

- Significant year to date budget variances greater than 10% or \$10,000, whichever is the greater, within each nature and type category on the Statement of Financial Activity as at 30 November 2014 have been identified and are reported on in the body of the report.
- Two major commercial clients have reduced the disposal of their commercial tonnages at the Red Hill Waste Management Facility from mid July 2014.
- A review of the 2014/2015 budget has been undertaken to determine avoided operational expenditure and deferred capital expenditure resulting from the reduced tonnages, as well as identify other organisational savings in an effort to mitigate the impact of the reduced revenue from commercial clients.

Recommendation(s)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 30 November 2014.

SOURCE OF REPORT

Director Corporate Services
Manager Financial Services

BACKGROUND

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

The 2014/2015 Budget was presented in a format that separated operating income and expenditure from other revenue and expenses to provide improved disclosure of Council's underlying operating result.

The financial summaries attached to this report provide an overview of year to date budget performance for operating activities and capital works.

A Statement of Financial Position is also provided with year to date actual balances compared with budget provisions and end of year forecasts for all balance sheet items.

During July 2014 the EMRC's two major commercial clients significantly reduced the disposal of their commercial waste at Red Hill. As at 31 August 2014 only 13,026 tonnes of the budgeted 127,959 tonnes of commercial waste for the 2014/2015 financial year had been received and it has been forecast that approximately 77,791 tonnes of commercial waste will be received for the 2014/2015 financial year.



Item 14.2 continued

It is estimated that this will result in a \$5.3m reduction in revenue for the financial year. Associated variable costs such as the landfill levy, ongoing site rehabilitation provision and landfill cell usage will also be reduced accordingly resulting in an estimated reduction in the operating result of \$3.6m.

In addition to determining the level of avoided operational expenditure and deferred capital expenditure resulting from the reduced tonnages, other potential organisational savings have been identified in an effort to mitigate the impact of the reduced revenue from the reduction of commercial tonnages on the 2014/2015 Budget.

REPORT

Outlined below are financial statements for the period ended 30 November 2014. Where possible the year to date monthly budget allocations have been reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. Year to date budgets have also been adjusted to reflect the year end forecasts following the recent forecast review. 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)

The year to date operating result from normal activities as at 30 November 2014 is an unfavourable variance of \$1,550,337 (39.14%) against budget. The following information is provided on key aspects of Council's end of year financial performance:

<u>Operating Income</u>	<i>Year to Date</i>	An unfavourable variance of \$3,876,105 (24.53%).
	<i>End of Year Forecast</i>	An unfavourable variance of \$8,101,101 (19.52%).

Operating Income variances previously reported to Council:

1. Year to date User Charges of \$9,809,403 is \$3,936,932 (28.64%) below the budget of \$13,746,335. This is due to the lower than budget tonnages received from two major commercial operators (35,774 commercial tonnes received compared to a budget of 58,971 tonnes). One has changed its business model and is taking waste directly to its own landfill and the other has negotiated a lower gate fee with another landfill operator. As a consequence, strategies to secure extra volume and a reforecasting of operational expenditure to match revised tonnage estimates have and continue to be undertaken.

As a result of a tonnages forecast review the full year User Charges has been forecast to be below the budget of \$36,459,392 by \$9,102,261 (24.97%). This is based on a forecast total of 240,193 tonnes being received compared to the budget total of 295,639 tonnes.

Also contributing to the variance is the reduction of the Carbon Tax (2014/2015 budget provision of \$2,031,250) which was repealed effective 1 July 2014.

2. Year to date Interest on Municipal Cash Investments is \$11,668 (16.35%) above the budget of \$71,370. This is attributable to the higher level of funds available as at 30 June 2014 compared to budget together with a higher average interest rate received (3.71%) compared to the budgeted rate (3.28%).
-



Item 14.2 continued

3. Year to date Reimbursements of \$383,044 is \$54,079 (16.44%) above the budget of \$328,965. This is primarily attributable to a reimbursement of \$191,425 and an accrual of \$107,231 relating to the Hazelmere woodwaste grinder insurance claim which directly off-sets the expenses relating to the insurance claim. This amount is also offset by the reimbursement of carbon tax totalling \$191,117.

Full year Reimbursements of \$1,267,068 has been forecast to be above the budget of \$789,589 by \$477,479 (60.47%). This is primarily attributable to the Hazelmere woodwaste grinder insurance claim which directly off-sets the expenses relating to the insurance claim.

4. Other income for the full year has been forecast to be \$464,960 (23.83%) above the budget of \$1,951,500. Major factors attributable to this variance include the sale of greenwaste products which is expected to be \$105,000 (22.34%) above the budget of \$470,000, the sale of laterite forecast to be \$200,000 (55.56%) above the budget of \$360,000 and income from the sale of woodwaste products forecast to be \$125,045 (20.47%) above the budget of \$611,000.

There were no further significant Operating Income variances as at 30 November 2014.

<u>Operating Expenditure</u>	<i>Year to Date</i>	A favourable variance of \$2,325,768 (19.64%).
	<i>End of Year Forecast</i>	A favourable variance of \$6,646,626 (16.95%).

Operating Expenditure variances previously reported to Council:

1. Year to date Salary Expenses of \$2,999,665 is \$630,013 (17.36%) lower than the budget of \$3,629,678. The variance is attributable to vacant positions and budgeted new positions yet to be filled. A wages and salaries forecast review will be undertaken as part of the half year budget review.
2. Year to date Contract Expenses of \$1,419,756 is \$465,733 (24.70%) below the budget of \$1,885,489 due to the timing of various projects from the business units. Major variances from the Waste Services directorate include:
 - Remove and crush laterite caprock - \$208,330; and
 - Manage Greenwaste mulching - \$124,020.

Other projects where the year to date expenditures are lower than budget for various directorates/business units include: Corporate Services (\$48,150), Environmental Services (\$114,667) and Regional Development projects (\$80,762).

This is offset by projects from Waste Services activities where net expenditure exceeds the budget by \$110,196.

Following the initial forecast review, full year Contract Expenses of \$5,312,188 has been forecast to be \$905,510 (14.56%) below the budget of \$6,217,698. The following operational expenditures have been identified as potential savings or deferments in an effort to mitigate the impact of the reduced revenue from lower commercial tonnages received on the 2014/2015 Budget:

- Manage Woodwaste Project - Hazelmere - \$126,000;
 - Rehabilitate Class III Cells - Red Hill Landfill Facility - \$100,000;
 - Undertake Geotechnical Investigations - \$100,000;
 - Rehabilitate Class IV Cells - Red Hill Landfill Facility - \$90,000;
 - Operate and Maintain Hazelmere Site - \$55,000; and
 - Manage Mattress Project - Hazelmere - \$40,000.
-



Item 14.2 continued

Other projects from Waste Services activities contribute a further \$59,209 to the variance. Other projects where the full year expenditures are lower than budget for various directorates/business units include: Corporate Services (\$258,435), Environmental Services (\$24,866) and Regional Development projects (\$34,000).

3. Full year Material Expenses of \$927,434 has been forecast to be \$187,777 (16.84%) below the budget of \$1,115,211. The following operational expenditures for various directorate/business units have been identified as potential savings or deferments in an effort to mitigate the impact of the reduced revenue from lower commercial tonnages received on the 2014/2015 Budget: Corporate Services (\$46,524), Environmental Services (\$34,953) and Waste Services (\$106,300).
4. Year to date Utility Expenses of \$89,715 is \$19,006 (17.48%) below the budget of \$108,721. The variance is primarily attributable to a reduction in electricity expenses associated with the wood waste grinder at the Hazelmere site. It is anticipated that the wood waste grinder will be out of commission until March/April 2015 following damage caused by fire. The damage to the woodwaste grinder is subject to an insurance claim.

Full year Utility Expenses of \$238,801 is \$75,000 (23.90%) below the budget of \$313,801 and is attributable to a forecast reduction in electricity expenses associated with the wood waste grinder at the Hazelmere site.

5. Year to date Insurance Expenses of \$427,353 is \$287,208 (204.94%) above the budget of \$140,145. The variance relates to expenditure to date of \$299,656 associated with the Hazelmere woodwaste grinder repairs. This additional expenditure will be claimable and recouped through insurance.

Full year Insurance Expenses of \$833,828 is \$493,749 (145.19%) above the budget of \$340,079 and is attributable to the forecast additional expenditure associated with the with the Hazelmere woodwaste grinder repairs.

6. Year to date Depreciation Expenses of \$1,567,590 is \$491,475 (23.87%) below the budget of \$2,059,065. The variance is primarily attributable to the lower level of commercial tonnages received to date resulting in lower Class III cell air space consumption (\$543,373 compared to a year to date budget of \$696,496), the low level of capital expenditure to date and changes to the asset life of EMRC buildings, plant and equipment.

Depreciation for the full year has been forecast to be \$1,494,192 (21.42%) below the budget of \$6,974,147. Major factors attributable to this variance are as outlined above.

7. Year to date Miscellaneous Expenses of \$2,643,225 is \$835,784 (24.02%) below the budget of \$3,479,009. This variance is attributable to a lower than budgeted landfill levy payable (\$715,942) as a result of the reduced tonnages from commercial operators.

Full year Miscellaneous Expenses of \$9,630,021 is forecast to be \$4,422,149 (31.47%) below the budget of \$14,052,170. This variance is attributable to a lower than budgeted landfill levy payable (\$2,125,795) as a result of lower tonnages forecast to be received by year end as well as the reduction of the Carbon Tax provision (\$2,031,250) which was repealed effective 1 July 2014.

8. Full year Provision Expenses of \$69,584 is \$17,220 (19.84%) below the budget of \$86,804. This variance is attributable to lower tonnages forecast to be received by year end.
9. Year to date Costs Allocated of \$248,838 is \$133,861 (116.42%) above the year to date budget of \$114,977. This is attributable to the utilisation of EMRC plant by operations staff on parts of the Class III Cell Stage 15 construction rather than being undertaken by contractors, which will save on the capital cost of the new landfill cell.



Item 14.2 continued

There were no further significant Operating Expenditure variances as at 30 November 2014.

<u>*Other Revenues and Expenses (Net)</u>	<i>Year to Date</i>	A favourable variance of \$474,660 (23.59%).
	<i>End of Year Forecast</i>	An unfavourable variance of \$34,065 (0.73%).

Other Revenues and Expenses variances previously reported to Council:

1. Year to date Interest on Restricted Cash Investments is \$306,121 (50.66%) above the budget of \$604,300. This is attributable to the higher level of funds available as at 30 June 2014 compared to budget together with a higher average interest rate received (3.71%) compared to the budgeted rate (3.28%).

2. Year to date Proceeds from Sale of Assets totalling \$196,773 is \$84,073 (74.60%) above the budget of \$112,700. This relates specifically to additional funds received (\$38,345) on the disposal of vehicles compared to budget and proceeds received from the part sale of Hazelmere land (\$47,000) that was required as part of roadwork and not previously budgeted for.

Full year Proceeds from Sale of Assets of \$383,195 is \$38,745 (11.25%) above the budget of \$344,450. This is attributable to proceeds received from the part sale of Hazelmere land (\$47,000) and additional funds received (\$38,345) on the disposal of vehicles. This is off-set by a reduction of \$46,600 in proceeds for the sale of vehicles not yet due for changeover as at year end.

3. Year to date Salary Expenses is \$65,163 (44.26%) below the budget of \$147,215. The variance is attributable to positions yet to be filled as at 30 November 2014.

Full year Salary Expenses of \$332,728 is \$128,773 (27.90%) below the budget of \$461,501.

4. Year to date Contract Expenses is \$142,686 (44.05%) below the budget of \$323,948. The variance is due to the timing of the Resource Recovery Project and the associated consultancy expenditure.

Full year Contract Expenses of \$789,911 is \$232,400 (22.73%) below the budget of \$1,022,311.

5. Year to date Miscellaneous Expenses is \$35,375 (63.41%) below the budget of \$55,790. The variance is due to the timing of the Resource Recovery Project and associated tasks.

Following the initial forecast review, full year Miscellaneous Expenses of \$103,074 is \$18,300 (15.08%) below the budget of \$121,374.

6. Full year Carrying Amount of Assets Disposed Of totalling \$259,094 is \$47,814 (15.58%) below the budget of \$306,908. This relates specifically to the timing of vehicles budgeted for change over during the financial year that will not be due for changeover as at year end.

There were no further significant Other Revenues and Expenses variances as at 30 November 2014.



Item 14.2 continued

Capital Expenditure Statement (refer Attachment 2)

<u>Capital</u>	<i>Year to Date</i>	A favourable variance of \$1,145,831.
<u>Expenditure</u>	<i>End of Year Forecast</i>	A favourable variance of \$4,561,863.

Capital Expenditure variances:

A favourable variance of \$1,145,831 exists as at 30 November 2014 when compared to the year to date budget of \$2,350,866. The year to date budget provisions are used as a guide only as expenditure of a capital nature is undertaken as and when required.

Major capital expenditures to 30 November 2014 include:

- Construct Class III Stage 15 Cell - Red Hill Facility - \$624,344;
- Purchase / Replace Plant - Red Hill Facility - \$248,101;
- Purchase / Replace Plant - Hazelmere - \$142,734;
- Purchase Vehicles - Red Hill Facility - \$100,526;
- Purchase Information Technology & Communication Equipment - \$24,752; and
- Purchase Vehicles - Ascot Place - \$15,988.

The Capital Expenditure budgets as at year end were reviewed in an effort to mitigate the impact of the reduced revenue from the reduction of commercial tonnages on the 2014/2015 Budget.

Full Year Capital Expenditure has been forecast to be \$4,561,863 (15.00%) below the budget of \$30,410,929.

Full Year significant reductions to capital budgets that have been reduced or deferred include the following:

- Construct and Commission Resource Recovery Park - C & I Building - \$1,000,000;
- Construct Class III Landfill Cell Farm Stage 3 - Red Hill Facility - \$950,000;
- Purchase Resource Recovery Park C & I Building - Plant & Equipment - \$900,000;
- Construct and Commission Resource Recovery Park - Site Infrastructure - \$500,000;
- Purchase / Replace Plant - Red Hill Facility - \$300,000;
- Purchase Information Technology & Communication Equipment - \$209,000;
- Purchase / Replace Other Equipment - Red Hill Facility - \$135,000;
- Construct Nutrient Stripping Pond - Red Hill Facility - \$86,000;
- Refurbish Waste Transfer Station Building - Red Hill Facility - \$80,000;
- Construct and Commission Resource Recovery Park - Weighbridges (x2) - \$75,000;
- Washdown Bay Upgrade - Red Hill Facility - \$70,000;
- Purchase Vehicles - Ascot Place - \$67,973; and
- Construct Storage Shed for Mattresses - Hazelmere - \$63,000.

Statement of Financial Position (refer Attachment 3)

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

It has been forecast that Total Equity as at 30 June 2015 will be below the original budget of \$140,056,224 by \$1,488,540.



Item 14.2 continued

Statement of Cash and Investments (refer Attachment 4)

The level of cash and investments in the Municipal Fund as at 30 November 2014 is \$19,667,791 and Restricted Assets amount to \$52,281,481.

The net movement for the month is an increase of \$1,505,304.

Investment Report (refer Attachment 5)

Term deposits valued at \$4,000,000 which matured in the month of November 2014 were reinvested into further term deposits together with additional funds of \$1,000,000.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 - Good Governance

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

FINANCIAL IMPLICATIONS

As outlined within the report and attachments.

SUSTAINABILITY IMPLICATIONS

Nil

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (Ref: D2015/02147)
2. Capital Expenditure Statement (Ref: D2015/02148)
3. Statement of Financial Position (Ref: D2015/02149)
4. Statement of Cash and Investments (Ref: D2015/02150)
5. Investment Report (Ref: D2015/02152)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 30 November 2014.

COUNCIL RESOLUTION(S)

MOVED CR ZANNINO

SECONDED CR CUCCARO

THAT COUNCIL RECEIVES THE STATEMENT OF COMPREHENSIVE INCOME, CAPITAL EXPENDITURE STATEMENT, STATEMENT OF FINANCIAL POSITION, STATEMENT OF CASH AND INVESTMENTS AND THE INVESTMENT REPORT FOR THE PERIOD ENDED 30 NOVEMBER 2014.

CARRIED UNANIMOUSLY



STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

NOVEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	
Operating Income							
\$9,809,403	\$13,746,335	(\$3,936,932)	(U)	User Charges	\$27,357,131	\$36,459,392	(\$9,102,261) (U)
\$181,638	\$185,527	(\$3,889)	(U)	Special Charges	\$438,813	\$441,134	(\$2,321) (U)
\$469,482	\$483,432	(\$13,950)	(U)	Contributions	\$664,920	\$660,878	\$4,042 (F)
\$105,000	\$110,000	(\$5,000)	(U)	Operating Grants	\$1,088,920	\$1,031,920	\$57,000 (F)
\$83,038	\$71,370	\$11,668	(F)	Interest Municipal Cash Investments	\$171,300	\$171,300	\$0 (F)
\$383,044	\$328,965	\$54,079	(F)	Reimbursements	\$1,267,068	\$789,589	\$477,479 (F)
\$892,275	\$874,355	\$17,920	(F)	Other	\$2,416,460	\$1,951,500	\$464,960 (F)
\$11,923,879	\$15,799,984	(\$3,876,105)	(U)	Total Operating Income	\$33,404,612	\$41,505,713	(\$8,101,101) (U)
Operating Expenditure							
\$2,999,665	\$3,629,678	\$630,013	(F)	Salary Expenses	\$9,441,741	\$9,471,357	\$29,616 (F)
\$1,419,756	\$1,885,489	\$465,733	(F)	Contract Expenses	\$5,312,188	\$6,217,698	\$905,510 (F)
\$276,355	\$285,706	\$9,351	(F)	Material Expenses	\$927,434	\$1,115,211	\$187,777 (F)
\$89,715	\$108,721	\$19,006	(F)	Utility Expenses	\$238,801	\$313,801	\$75,000 (F)
\$330,094	\$357,708	\$27,614	(F)	Fuel Expenses	\$874,930	\$883,840	\$8,910 (F)
\$8,735	\$8,875	\$140	(F)	Finance Fees and Interest Expenses	\$21,317	\$21,317	\$0 (F)
\$427,353	\$140,145	(\$287,208)	(U)	Insurance Expenses	\$833,828	\$340,079	(\$493,749) (U)
\$1,567,590	\$2,059,065	\$491,475	(F)	Depreciation Expenses	\$5,479,955	\$6,974,147	\$1,494,192 (F)
\$2,643,225	\$3,479,009	\$835,784	(F)	Miscellaneous Expenses	\$9,630,021	\$14,052,170	\$4,422,149 (F)
\$0	\$0	\$0	(F)	Provision Expenses	\$69,584	\$86,804	\$17,220 (F)
(\$248,838)	(\$114,977)	\$133,861	(F)	Costs Allocated	(\$271,844)	(\$271,844)	\$0 (F)
\$9,513,651	\$11,839,419	\$2,325,768	(F)	Total Operating Expenditure	\$32,557,954	\$39,204,580	\$6,646,626 (F)
\$2,410,228	\$3,960,565	(\$1,550,337)	(U)	OPERATING RESULT FROM NORMAL ACTIVITIES	\$846,658	\$2,301,133	(\$1,454,476) (U)
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. Miscellaneous Expenses - includes the Landfill Levy expense of \$2,296,553 as at 30 November 2014.

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

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

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

STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

NOVEMBER 2014

Year to Date

Full Year

Actual

Budget

Variance

Forecast

Budget

Variance

Other Revenues

\$1,919,164	\$2,076,620	(\$157,456)	(U)	Secondary Waste Charge	\$4,634,359	\$5,147,437	(\$513,078)	(U)
\$0	\$0	\$0	(F)	Operating Grants	\$0	\$0	\$0	(F)
\$910,421	\$604,300	\$306,121	(F)	Interest Restricted Cash Investments	\$1,450,386	\$1,450,386	\$0	(F)
\$6	\$900	(\$894)	(U)	Reimbursements	\$2,169	\$2,169	\$0	(F)
\$196,773	\$112,700	\$84,073	(F)	Proceeds from Sale of Assets	\$383,195	\$344,450	\$38,745	(F)
\$3,026,363	\$2,794,520	\$231,843	(F)	Total Other Revenues	\$6,470,109	\$6,944,442	(\$474,333)	(U)

Other Expenses

\$82,052	\$147,215	\$65,163	(F)	Salary Expenses	\$332,728	\$461,501	\$128,773	(F)
\$181,262	\$323,948	\$142,686	(F)	Contract Expenses	\$789,911	\$1,022,311	\$232,400	(F)
\$2,598	\$3,973	\$1,375	(F)	Material Expenses	\$7,950	\$13,150	\$5,200	(F)
\$810	\$3,120	\$2,310	(F)	Utility Expenses	\$7,500	\$7,500	\$0	(F)
\$2,753	\$3,145	\$392	(F)	Insurance Expenses	\$7,482	\$7,559	\$77	(F)
\$794	\$1,610	\$816	(F)	Depreciation Expenses	\$32,250	\$39,954	\$7,704	(F)
\$20,415	\$55,790	\$35,375	(F)	Miscellaneous Expenses	\$103,074	\$121,374	\$18,300	(F)
\$126,262	\$129,798	\$3,536	(F)	Carrying Amount of Assets Disposed Of	\$259,094	\$306,908	\$47,814	(F)
\$122,785	\$113,951	(\$8,834)	(U)	Costs Allocated	\$271,844	\$271,844	\$0	(F)
\$539,733	\$782,550	\$242,817	(F)	Total Other Expenses	\$1,811,833	\$2,252,101	\$440,268	(F)

Realised/Unrealised (Gain)/Loss From Change in Fair Value of Investments

\$0	\$0	\$0	(F)	Unrealised (Gain)/Loss	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Realised (Gain)/Loss	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Total (Gain)/Loss from change in Fair Value of Investments	\$0	\$0	\$0	(F)

Revaluation of Assets

\$0	\$0	\$0	(F)	Revaluation of Assets	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Total Revaluation of Assets	\$0	\$0	\$0	(F)

\$2,486,630	\$2,011,970	\$474,660	(F)	OPERATING RESULT FROM OTHER ACTIVITIES	\$4,658,276	\$4,692,341	(\$34,065)	(U)
Surplus	Surplus				Surplus	Surplus		

\$4,896,858	\$5,972,535	(\$1,075,677)	(U)	CHANGE IN NET ASSETS FROM OPERATIONS	\$5,504,934	\$6,993,474	(\$1,488,540)	(U)
Surplus	Surplus				Surplus	Surplus		



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CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date						Full Year		
Actual	Budget	Variance		On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance
Governance and Corporate Services								
\$15,988	\$98,397	\$82,409	(F)	\$0	Purchase Vehicles - Ascot Place (24440/00)	\$166,005	\$233,978	\$67,973 (F)
\$0	\$14,060	\$14,060	(F)	\$0	Purchase Furniture Fittings & Equipment - Corporate Services (24510/01)	\$33,750	\$33,750	\$0 (F)
\$24,752	\$29,529	\$4,777	(F)	\$15,457	Purchase Information Technology & Communication Equipment (24550/00)	\$510,650	\$719,650	\$209,000 (F)
\$0	\$16,665	\$16,665	(F)	\$0	Purchase Art Works (24620/00)	\$20,000	\$40,000	\$20,000 (F)
\$0	\$108,330	\$108,330	(F)	\$0	Capital Improvement Administration Building - Ascot Place (25240/01)	\$260,000	\$260,000	\$0 (F)
\$0	\$1,520	\$1,520	(F)	\$0	Upgrade Security Equipment - Ascot Place (25530/01)	\$3,650	\$3,650	\$0 (F)
\$40,739	\$268,501	\$227,762	(F)	\$15,457		\$994,055	\$1,291,028	\$296,973 (F)

CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	

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

Environmental Services

\$0	\$500	\$500	(F)	\$0	Purchase Office Equipment - Environmental Services (24510/05)	\$800	\$1,200	\$400	(F)
\$0	\$625	\$625	(F)	\$0	Purchase Office Furniture and Fittings - Environmental Services (24610/05)	\$1,000	\$1,500	\$500	(F)
\$0	\$1,125	\$1,125	(F)	\$0		\$1,800	\$2,700	\$900	(F)

Regional Development

\$0	\$415	\$415	(F)	\$0	Purchase Office Equipment - Regional Development (24510/04)	\$800	\$1,000	\$200	(F)
\$0	\$415	\$415	(F)	\$0	Purchase Office Furniture and Fittings - Regional Development (24610/04)	\$800	\$1,000	\$200	(F)
\$0	\$830	\$830	(F)	\$0		\$1,600	\$2,000	\$400	(F)

Risk Management

\$0	\$205	\$205	(F)	\$0	Purchase Office Equipment - Risk Management (24510/06)	\$500	\$500	\$0	(F)
\$0	\$205	\$205	(F)	\$0	Purchase Office Furniture and Fittings - Risk Management (24610/06)	\$500	\$500	\$0	(F)
\$0	\$410	\$410	(F)	\$0		\$1,000	\$1,000	\$0	(F)

Resource Recovery

\$0	\$0	\$0	(F)	\$0	Resource Recovery Park - Land (24150/05)	\$1,000,000	\$1,000,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct and Commission Resource Recovery Park - C & I Building (24259/04)	\$550,000	\$1,550,000	\$1,000,000	(F)

CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	
Resource Recovery							
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Wood Waste to Energy Building (24259/05)	\$625,000	\$625,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Community Transfer Station (24259/06)	\$0	\$10,000	\$10,000 (F)
\$0	\$25,000	\$25,000 (F)	\$0	Construct and Commission Resource Recovery Park - MRF Building - Hazelmere (24259/09)	\$25,000	\$50,000	\$25,000 (F)
\$0	\$0	\$0 (F)	\$0	Construct and Commission Resource Recovery Park - Weighbridges (x2) (24392/02)	\$75,000	\$150,000	\$75,000 (F)
\$4,255	\$100,000	\$95,745 (F)	\$4,338	Construct and Commission Resource Recovery Park - Site Infrastructure (24399/01)	\$690,000	\$1,190,000	\$500,000 (F)
\$0	\$0	\$0 (F)	\$0	Purchase Resource Recovery Park - Wood Waste to Energy Plant & Equipment (24410/03)	\$6,135,000	\$6,135,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Purchase Resource Recovery Park C & I Building - Plant & Equipment (24410/04)	\$800,000	\$1,700,000	\$900,000 (F)
\$0	\$500	\$500 (F)	\$0	Purchase Office Equipment - Resource Recovery (24510/07)	\$1,000	\$1,000	\$0 (F)
\$0	\$500	\$500 (F)	\$0	Purchase Other Equipment - Resource Recovery (24590/07)	\$1,000	\$1,000	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$0	Purchase Office Furniture and Fittings - Resource Recovery (24610/07)	\$1,000	\$1,000	\$0 (F)
\$4,255	\$127,000	\$122,745 (F)	\$4,338		\$9,903,000	\$12,413,000	\$2,510,000 (F)

CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				On Order	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
Actual	Budget	Variance	Forecast			Budget	Variance		
Waste Management									
\$0	\$0	\$0	(F)	\$0	Construct Storage Shed for Mattresses - Hazelmere (24250/05)	\$0	\$63,000	\$63,000	(F)
\$0	\$0	\$0	(F)	\$0	Construct Class III Cell Stage 14 - Red Hill Landfill Facility (24310/12)	\$960,000	\$960,000	\$0	(F)
\$14,186	\$12,500	(\$1,686)	(U)	\$0	Construct Class III Landfill Cell Farm Stage 3 - Red Hill Landfill Facility (24310/13)	\$150,000	\$1,100,000	\$950,000	(F)
\$624,344	\$791,600	\$167,256	(F)	\$22,680	Construct Class III Cell Stage 15 - Red Hill Landfill Facility (24310/16)	\$5,010,000	\$5,010,000	\$0	(F)
\$489	\$500	\$11	(F)	\$5,000	Leachate Project - Red Hill Landfill Facility (24320/02)	\$1,000,000	\$1,000,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Design and Construct Class IV Cell Stage 2 - Red Hill Landfill Facility (24330/04)	\$400,000	\$400,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct Siltation Ponds - Red Hill Landfill Facility (24350/00)	\$200,000	\$200,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct Stormwater Control Pond - Red Hill Farm Stage I (24350/01)	\$100,000	\$100,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct Nutrient Stripping Pond - Red Hill Landfill Facility (24360/00)	\$200,000	\$286,000	\$86,000	(F)
\$0	\$100,000	\$100,000	(F)	\$0	Construct Roads / Carparks - Red Hill Landfill Facility (24370/00)	\$500,000	\$500,000	\$0	(F)
\$2,175	\$100,000	\$97,825	(F)	\$204	Construct Perimeter Fencing - Red Hill Landfill Facility (24394/00)	\$100,000	\$100,000	\$0	(F)
\$1,030	\$0	(\$1,030)	(U)	\$0	Construct Greenwaste Processing Area - Red Hill Landfill Facility (24395/00)	\$0	\$0	\$0	(F)
\$8,200	\$124,000	\$115,800	(F)	\$0	Construct Hardstand and Road - Hazelmere (24395/01)	\$224,000	\$224,000	\$0	(F)

CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				On Order	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
Actual	Budget	Variance	Forecast			Budget	Variance		
Waste Management									
\$0	\$0	\$0	(F)	\$0	Relocate Greenwaste Processing area - Red Hill Landfill Facility (24395/04)	\$820,000	\$820,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct Monitoring Bores - Red Hill Landfill Facility (24396/00)	\$32,782	\$32,782	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Washdown bay Upgrade - Red Hill Landfill Facility (24399/04)	\$0	\$70,000	\$70,000	(F)
\$0	\$0	\$0	(F)	\$0	Truck Washdown Bay for Member Councils - Red Hill Landfill Facility (24399/05)	\$0	\$30,000	\$30,000	(F)
\$0	\$0	\$0	(F)	\$0	Plant Washdown Bay - Hazelmere (24399/08)	\$80,000	\$80,000	\$0	(F)
\$248,101	\$250,000	\$1,899	(F)	\$0	Purchase / Replace Plant - Red Hill Landfill Facility (24410/00)	\$1,803,000	\$2,103,000	\$300,000	(F)
\$142,734	\$360,000	\$217,266	(F)	\$3,487	Purchase / Replace Plant - Hazelmere (24410/01)	\$2,850,000	\$2,850,000	\$0	(F)
\$9,098	\$45,300	\$36,202	(F)	\$6,210	Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility (24420/00)	\$165,000	\$165,000	\$0	(F)
\$1,318	\$6,000	\$4,682	(F)	\$0	Purchase / Replace Minor Plant and Equipment - Hazelmere (24420/02)	\$12,000	\$12,000	\$0	(F)
\$100,526	\$100,600	\$74	(F)	\$0	Purchase / Replace Vehicles - Red Hill Landfill Facility (24430/00)	\$104,279	\$117,869	\$13,590	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Office Equipment - Engineering / Waste Management (24510/02)	\$550	\$550	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Office Equipment - Red Hill Landfill Facility (24510/08)	\$24,000	\$24,000	\$0	(F)
\$0	\$10,000	\$10,000	(F)	\$2,783	Purchase Fire Fighting System/Equipment - Hazelmere (24520/07)	\$10,000	\$10,000	\$0	(F)

CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				On Order	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
Actual	Budget	Variance				Forecast	Budget	Variance	
Waste Management									
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Fire Fighting Equipment - Red Hill Landfill Facility (24520/08)	\$1,000	\$1,000	\$0	(F)
\$3,940	\$28,000	\$24,060	(F)	\$0	Purchase / Replace Security System - Red Hill Waste Management Facility (24530/08)	\$28,000	\$54,000	\$26,000	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Security System - Hazelmere (24530/10)	\$6,000	\$6,000	\$0	(F)
\$0	\$15,000	\$15,000	(F)	\$961	Purchase / Replace Other Equipment - Red Hill Landfill Facility (24590/00)	\$131,000	\$266,000	\$135,000	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Miscellaneous Equipment - Hazelmere (24590/02)	\$2,500	\$2,500	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase/Replace Other Equipment - Engineering and Waste Management (24590/03)	\$3,000	\$3,000	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase Office Furniture and Fittings-Engineering and Waste Management (24610/03)	\$1,000	\$1,000	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase / Replace Office Furniture and Fittings - Red Hill Landfill Facility (24610/08)	\$3,000	\$3,000	\$0	(F)
\$0	\$1,500	\$1,500	(F)	\$0	Purchase Office Furniture and Fittings-Hazelmere (24610/10)	\$1,500	\$1,500	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase Miscellaneous Furniture and Fittings - Red Hill Education Programme (24690/01)	\$1,000	\$1,000	\$0	(F)
\$3,900	\$4,000	\$100	(F)	\$0	Refurbish Environmental Education Centre - Redhill Landfill Facility (25253/00)	\$4,000	\$4,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Refurbish Waste Transfer Station Building - Red Hill Landfill Facility (25259/01)	\$0	\$80,000	\$80,000	(F)
\$0	\$0	\$0	(F)	\$0	Refurbish Plant - Red Hill Landfill Facility (25410/00)	\$20,000	\$20,000	\$0	(F)



CAPITAL EXPENDITURE STATEMENT

NOVEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	
\$1,160,040	\$1,953,000	\$792,960	(F)	\$41,324	\$14,947,611	\$16,701,201	\$1,753,590 (F)
\$1,205,035	\$2,350,866	\$1,145,831	(F)	\$61,120	TOTAL CAPITAL EXPENDITURE	\$25,849,066	\$30,410,929 \$4,561,863 (F)

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CASH AND INVESTMENTS

NOVEMBER 2014

Actual June 2014	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Municipal Cash and Investments						
2,019,118	3,483,322	Cash at Bank - Municipal Fund 01001/00	3,081,612	1,575,219	1,506,393	(F)
1,250	1,250	Cash on Hand - Ascot Place 01019/00	1,250	1,250	0	(F)
300	400	Cash on Hand - Walliston/Mathieson & Coppin Road Transfer Stations 01019/01	300	300	0	(F)
1,800	1,800	Cash on Hand - Red Hill / Hazelmere 01019/02	1,800	1,800	0	(F)
16,496,934	16,181,019	Investments - Municipal Fund 02021/00	6,524,997	9,756,578	(3,231,581)	(U)
18,519,402	19,667,791	Total Municipal Cash	9,609,959	11,335,147	(1,725,188)	(U)
Restricted Cash and Investments						
3,061,316	3,120,967	Restricted Investments - Plant and Equipment 02022/01	41,621	248,590	(206,969)	(U)
1,717,656	1,751,125	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	1,778,670	1,778,670	0	(F)
242,215	246,935	Restricted Investments - Future Development 02022/03	3,706,098	3,706,098	0	(F)
568,262	579,335	Restricted Investments - Environmental Monitoring Red Hill 02022/04	588,351	588,351	0	(F)
133,486	136,088	Restricted Investments - Environmental Insurance Red Hill 02022/05	88,089	88,089	0	(F)
13,023	13,277	Restricted Investments - Risk Management 02022/06	13,460	13,460	0	(F)
111,812	113,991	Restricted Investments - Class IV Cells Red Hill 02022/07	40,547	(241,925)	282,472	(F)
14,747	15,035	Restricted Investments - Regional Development 02022/08	10,826	(239,658)	250,484	(F)
43,581,696	44,430,901	Restricted Investments - Secondary Waste Processing 02022/09	37,844,774	35,568,402	2,276,372	(F)
914,509	932,328	Restricted Investments - Class III Cells 02022/10	632,998	3,776	629,222	(F)
65,756	67,037	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	67,961	67,961	0	(F)
231,764	145,716	Restricted Investments - Accrued Interest 02022/19	231,764	231,764	0	(F)
(601,485)	0	Restricted Investments - Unrealised Loss/Gain on Investments 02022/20	(601,485)	(601,485)	0	(F)
714,817	728,745	Restricted Investments - Long Service Leave 02022/90	758,873	758,873	0	(F)
50,769,576	52,281,481	Total Restricted Cash	45,202,549	41,970,968	3,231,581	(F)
69,288,978	71,949,272	TOTAL CASH AND INVESTMENTS	54,812,508	53,306,115	1,506,393	(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.

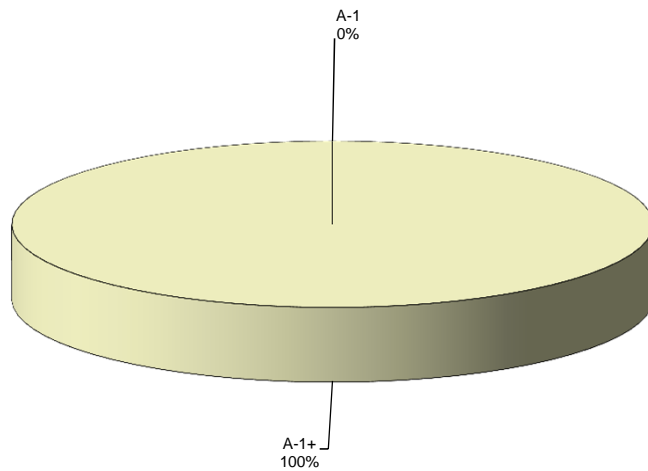
EMRC Investment Report

November 2014

I. Overall Portfolio Limits

S&P Long Term Rating	S&P Short Term Rating	% Portfolio	Investment Maximum %
AAA	A-1+	100.00%	100%
AA	A-1	0.00%	100%
		<u>100.00%</u>	

Investment by S&P Rating



II. Single Entity Exposure

	% Portfolio
ANZ Banking Group	43.71%
NAB	42.96%
Westpac / St. George Bank	13.33%
	<u>100.00%</u>

III. Term to Maturity Framework

Maturity Profile	Investment Policy Guidelines		
	% Portfolio	% Min	% Max
Less Than 1 Year	100.00%	40.00%	100.00%
Greater Than 1 Year	0.00%	0.00%	0.00%
	<u>100.00%</u>		

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



14.3 FINANCIAL REPORT FOR PERIOD ENDED 31 DECEMBER 2014

REFERENCE: D2015/02237

PURPOSE OF REPORT

The purpose of this report is to provide Council with an overview of the Eastern Metropolitan Regional Council's (EMRC's) financial performance for the period ended 31 December 2014.

KEY ISSUES AND RECOMMENDATION(S)

- Significant year to date budget variances greater than 10% or \$10,000, whichever is the greater, within each nature and type category on the Statement of Financial Activity as at 31 December 2014 have been identified and are reported on in the body of the report.
- Two major commercial clients have reduced the disposal of their commercial tonnages at the Red Hill Waste Management Facility from mid July 2014.
- A review of the 2014/2015 budget has been undertaken to determine avoided operational expenditure and deferred capital expenditure resulting from the reduced tonnages, as well as identify other organisational savings in an effort to mitigate the impact of the reduced revenue from commercial clients.

Recommendation(s)

That Council receives the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position, Statement of Cash and Investments and the Investment Report for the period ended 31 December 2014.

SOURCE OF REPORT

Director Corporate Services
Manager Financial Services

BACKGROUND

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

The 2014/2015 Budget was presented in a format that separated operating income and expenditure from other revenue and expenses to provide improved disclosure of Council's underlying operating result.

The financial summaries attached to this report provide an overview of year to date budget performance for operating activities and capital works.

A Statement of Financial Position is also provided with year to date actual balances compared with budget provisions and end of year forecasts for all balance sheet items.

During July 2014 the EMRC's two major commercial clients significantly reduced the disposal of their commercial waste at Red Hill. As at 31 August 2014 only 13,026 tonnes of the budgeted 127,959 tonnes of commercial waste for the 2014/2015 financial year had been received and it has been forecast that approximately 77,791 tonnes of commercial waste will be received for the 2014/2015 financial year.



Item 14.3 continued

It is estimated that this will result in a \$5.3m reduction in revenue for the financial year. Associated variable costs such as the landfill levy, ongoing site rehabilitation provision and landfill cell usage will also be reduced accordingly resulting in an estimated reduction in the operating result of \$3.6m.

In addition to determining the level of avoided operational expenditure and deferred capital expenditure resulting from the reduced tonnages, other potential organisational savings have been identified in an effort to mitigate the impact of the reduced revenue from the reduction of commercial tonnages on the 2014/2015 Budget.

REPORT

Outlined below are financial statements for the period ended 31 December 2014. Where possible the year to date monthly budget allocations have been reviewed in order to match the appropriate timing for the various projects budgeted to be undertaken. Year to date budgets have also been adjusted to reflect the year end forecasts following the recent forecast review. 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)

The year to date operating result from normal activities as at 31 December 2014 is an unfavourable variance of \$1,131,979 (28.43%) against budget. The following information is provided on key aspects of Council's end of year financial performance:

<u>Operating Income</u>	<i>Year to Date</i>	An unfavourable variance of \$4,072,077 (21.65%).
	<i>End of Year Forecast</i>	An unfavourable variance of \$8,341,313 (20.10%).

Operating Income variances previously reported to Council:

1. Year to date User Charges of \$11,872,185 is \$4,497,641 (27.48%) below the budget of \$16,369,826. This is due to the lower than budget tonnages received from two major commercial operators (43,877 commercial tonnes received compared to a budget of 69,097 tonnes). One has changed its business model and is taking waste directly to its own landfill and the other has negotiated a lower gate fee with another landfill operator. As a consequence, strategies to secure extra volume and a reforecasting of operational expenditure to match revised tonnage estimates have and continue to be undertaken.

As a result of a tonnages forecast review the full year User Charges has been forecast to be below the budget of \$36,459,392 by \$9,102,261 (24.97%). This is based on a forecast total of 240,193 tonnes being received compared to the budget total of 295,639 tonnes.

Also contributing to the variance is the reduction of the Carbon Tax (2014/2015 budget provision of \$2,031,250) which was repealed effective 1 July 2014.

2. Year to date Interest on Municipal Cash Investments is \$86,337 (100.81%) above the budget of \$85,644. This is attributable to the higher level of funds available as at 30 June 2014 compared to budget together with a higher average interest rate received (3.70%) compared to the budgeted rate (3.28%).
-



Item 14.3 continued

3. Year to date Reimbursements of \$692,725 is \$297,967 (75.48%) above the budget of \$394,758. This is primarily attributable to a reimbursement of \$417,339 and an accrual of \$107,231 relating to the Hazelmere woodwaste grinder insurance claim which directly off-sets the expenses relating to the insurance claim. This amount is also offset by the reimbursement of carbon tax totalling \$191,340.

Full year Reimbursements of \$1,026,856 has been forecast to be above the budget of \$789,589 by \$237,267 (30.05%). This is primarily attributable to the Hazelmere woodwaste grinder insurance claim which directly off-sets the expenses relating to the insurance claim. This amount is also off-set by the reimbursement of carbon tax estimated at \$240,000.

4. Other income for the full year has been forecast to be \$464,960 (23.83%) above the budget of \$1,951,500. Major factors attributable to this variance include the sale of greenwaste products which is expected to be \$105,000 (22.34%) above the budget of \$470,000, the sale of laterite forecast to be \$200,000 (55.56%) above the budget of \$360,000 and income from the sale of woodwaste products forecast to be \$125,045 (20.47%) above the budget of \$611,000.

There were no further significant Operating Income variances as at 31 December 2014.

<u>Operating Expenditure</u>	<i>Year to Date</i>	A favourable variance of \$2,940,098 (19.82%).
	<i>End of Year Forecast</i>	A favourable variance of \$6,646,626 (16.95%).

Operating Expenditure variances previously reported to Council:

1. Year to date Salary Expenses of \$3,871,262 is \$827,832 (17.62%) lower than the budget of \$4,699,094. The variance is attributable to vacant positions and budgeted new positions yet to be filled. A wages and salaries forecast review will be undertaken as part of the half year budget review.
2. Year to date Contract Expenses of \$1,661,515 is \$687,117 (29.26%) below the budget of \$2,348,632 due to the timing of various projects from the business units. Major variances from the Waste Services directorate include:

- Remove and crush laterite caprock - \$249,996;
- Manage Greenwaste mulching - \$155,991; and
- Rehabilitate Landfill cells (Red Hill) - \$51,115.

Other projects where the year to date expenditures are lower than budget for various directorates/business units include: Corporate Services (\$98,145), Environmental Services (\$144,920) and Regional Development projects (\$95,948).

This is offset by projects from Waste Services activities where net expenditure exceeds the budget by \$108,999.

Following the initial forecast review, full year Contract Expenses of \$5,312,188 has been forecast to be \$905,510 (14.56%) below the budget of \$6,217,698. The following operational expenditures have been identified as potential savings or deferments in an effort to mitigate the impact of the reduced revenue from lower commercial tonnages received on the 2014/2015 Budget:

- Manage Woodwaste Project - Hazelmere - \$126,000;
 - Rehabilitate Class III Cells - Red Hill Landfill Facility - \$100,000;
 - Undertake Geotechnical Investigations - \$100,000;
 - Rehabilitate Class IV Cells - Red Hill Landfill Facility - \$90,000;
 - Operate and Maintain Hazelmere Site - \$55,000; and
 - Manage Mattress Project - Hazelmere - \$40,000.
-



Item 14.3 continued

Other projects from Waste Services activities contribute a further \$59,209 to the variance. Other projects where the full year expenditures are lower than budget for various directorates/business units include: Corporate Services (\$258,435), Environmental Services (\$24,866) and Regional Development projects (\$34,000).

3. Full year Material Expenses of \$927,434 has been forecast to be \$187,777 (16.84%) below the budget of \$1,115,211. The following operational expenditures for various directorate/business units have been identified as potential savings or deferments in an effort to mitigate the impact of the reduced revenue from lower commercial tonnages received on the 2014/2015 Budget: Corporate Services (\$46,524), Environmental Services (\$34,953) and Waste Services (\$106,300).
4. Year to date Utility Expenses of \$105,238 is \$51,612 (32.91%) below the budget of \$156,850. The variance is primarily attributable to a reduction in electricity expenses associated with the wood waste grinder at the Hazelmere site. It is anticipated that the wood waste grinder will be out of commission until March/April 2015 following damage caused by fire. The damage to the woodwaste grinder is subject to an insurance claim.

Full year Utility Expenses of \$238,801 is \$75,000 (23.90%) below the budget of \$313,801 and is attributable to a forecast reduction in electricity expenses associated with the wood waste grinder at the Hazelmere site.

5. Year to date Insurance Expenses of \$700,799 is \$536,425 (326.34%) above the budget of \$164,374. The variance relates to expenditure to date of \$526,121 associated with the Hazelmere woodwaste grinder repairs. This additional expenditure will be claimable and recouped through insurance.

Full year Insurance Expenses of \$833,828 is \$493,749 (145.19%) above the budget of \$340,079 and is attributable to the forecast additional expenditure associated with the with the Hazelmere woodwaste grinder repairs.

6. Year to date Depreciation Expenses of \$1,902,309 is \$701,380 (26.94%) below the budget of \$2,603,689. The variance is primarily attributable to the lower level of commercial tonnages received to date resulting in lower Class III cell air space consumption (\$663,101 compared to a year to date budget of \$840,578), the low level of capital expenditure to date and changes to the asset life of EMRC buildings, plant and equipment.

Depreciation for the full year has been forecast to be \$1,494,192 (21.42%) below the budget of \$6,974,147. Major factors attributable to this variance are as outlined above.

7. Year to date Miscellaneous Expenses of \$3,266,643 is \$947,470 (22.48%) below the budget of \$4,214,113. This variance is mainly attributable to a lower than budgeted landfill levy payable (\$773,159) as a result of the reduced tonnages from commercial operators.

Full year Miscellaneous Expenses of \$9,630,021 is forecast to be \$4,422,149 (31.47%) below the budget of \$14,052,170. This variance is attributable to a lower than budgeted landfill levy payable (\$2,125,795) as a result of lower tonnages forecast to be received by year end as well as the reduction of the Carbon Tax provision (\$2,031,250) which was repealed effective 1 July 2014.

8. Full year Provision Expenses of \$69,584 is \$17,220 (19.84%) below the budget of \$86,804. This variance is attributable to lower tonnages forecast to be received by year end.
9. Year to date Costs Allocated of \$331,225 is \$194,421 (142.12%) above the year to date budget of \$136,804. This is attributable to the utilisation of EMRC plant by operations staff on parts of the Class III Cell Stage 15 construction rather than being undertaken by contractors, which will save on the capital cost of the new landfill cell.



Item 14.3 continued

There were no further significant Operating Expenditure variances as at 31 December 2014.

<u>*Other Revenues and Expenses (Net)</u>	<i>Year to Date</i>	A favourable variance of \$494,419 (20.20%).
	<i>End of Year Forecast</i>	An unfavourable variance of \$34,065 (0.73%).

Other Revenues and Expenses variances previously reported to Council:

1. Year to date Interest on Restricted Cash Investments is \$379,843 (52.38%) above the budget of \$725,160. This is attributable to the higher level of funds available as at 30 June 2014 compared to budget together with a higher average interest rate received (3.70%) compared to the budgeted rate (3.28%).

2. Year to date Proceeds from Sale of Assets totalling \$200,598 is \$67,898 (51.17%) above the budget of \$132,700. This variance relates to additional funds received (\$38,345) on the disposal of vehicles compared to budget and proceeds received from the part sale of Hazelmere land (\$47,000) that was required as part of roadwork and not previously budgeted for.

Full year Proceeds from Sale of Assets of \$383,195 is \$38,745 (11.25%) above the budget of \$344,450. This is attributable to proceeds received from the part sale of Hazelmere land (\$47,000) and additional funds received (\$38,345) on the disposal of vehicles. This is off-set by a reduction of \$46,600 in proceeds for the sale of vehicles not yet due for changeover as at year end.

3. Year to date Salary Expenses is \$78,886 (41.39%) below the budget of \$190,590. The variance is attributable to positions yet to be filled as at 31 December 2014.

Full year Salary Expenses of \$332,728 is \$128,773 (27.90%) below the budget of \$461,501.

4. Year to date Contract Expenses is \$145,204 (37.32%) below the budget of \$389,043. The variance is due to the timing of the Resource Recovery Project and the associated consultancy expenditure.

Full year Contract Expenses of \$789,911 is \$232,400 (22.73%) below the budget of \$1,022,311.

5. Year to date Miscellaneous Expenses is \$38,972 (65.80%) below the budget of \$59,228. The variance is due to the timing of the Resource Recovery Project and associated tasks.

Following the initial forecast review, full year Miscellaneous Expenses of \$103,074 is \$18,300 (15.08%) below the budget of \$121,374.

6. Full year Carrying Amount of Assets Disposed Of totalling \$259,094 is \$47,814 (15.58%) below the budget of \$306,908. This relates specifically to the timing of vehicles budgeted for change over during the financial year that will not be due for changeover as at year end.

There were no further significant Other Revenues and Expenses variances as at 31 December 2014.



Item 14.3 continued

Capital Expenditure Statement (refer Attachment 2)

<u>Capital Expenditure</u>	<i>Year to Date</i>	A favourable variance of \$2,478,027.
	<i>End of Year Forecast</i>	A favourable variance of \$4,561,863.

Capital Expenditure variances:

A favourable variance of \$2,478,027 exists as at 31 December 2014 when compared to the year to date budget of \$4,175,313. The year to date budget provisions are used as a guide only as expenditure of a capital nature is undertaken as and when required.

Major capital expenditures to 31 December 2014 include:

- Construct Class III Stage 15 Cell - Red Hill Facility - \$709,146;
- Purchase / Replace Plant - Hazelmere - \$516,383;
- Purchase / Replace Plant - Red Hill Facility - \$248,101;
- Purchase Vehicles - Red Hill Facility - \$100,526;
- Purchase Information Technology & Communication Equipment - \$27,938; and
- Purchase Vehicles - Ascot Place - \$15,988.

The Capital Expenditure budgets as at year end were reviewed in an effort to mitigate the impact of the reduced revenue from the reduction of commercial tonnages on the 2014/2015 Budget.

Full Year Capital Expenditure has been forecast to be \$4,561,863 (15.00%) below the budget of \$30,410,929.

Full Year significant reductions to capital budgets that have been reduced or deferred include the following:

- Construct and Commission Resource Recovery Park - C & I Building - \$1,000,000;
- Construct Class III Landfill Cell Farm Stage 3 - Red Hill Facility - \$950,000;
- Purchase Resource Recovery Park C & I Building - Plant & Equipment - \$900,000;
- Construct and Commission Resource Recovery Park - Site Infrastructure - \$500,000;
- Purchase / Replace Plant - Red Hill Facility - \$300,000;
- Purchase Information Technology & Communication Equipment - \$209,000;
- Purchase / Replace Other Equipment - Red Hill Facility - \$135,000;
- Construct Nutrient Stripping Pond - Red Hill Facility - \$86,000;
- Refurbish Waste Transfer Station Building - Red Hill Facility - \$80,000;
- Construct and Commission Resource Recovery Park - Weighbridges (x2) - \$75,000;
- Washdown Bay Upgrade - Red Hill Facility - \$70,000;
- Purchase Vehicles - Ascot Place - \$67,973; and
- Construct Storage Shed for Mattresses - Hazelmere - \$63,000.

Statement of Financial Position (refer Attachment 3)

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

It has been forecast that Total Equity as at 30 June 2015 will be below the original budget of \$140,056,224 by \$1,728,752.



Item 14.3 continued

Statement of Cash and Investments (refer Attachment 4)

The level of cash and investments in the Municipal Fund as at 31 December 2014 is \$20,591,575 and Restricted Assets amount to \$52,476,064.

The net movement for the month is an increase of \$1,118,367.

Investment Report (refer Attachment 5)

Term deposits valued at \$1,500,000 which matured in the month of December 2014 were reinvested into further term deposits together with additional funds of \$1,500,000.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 - Good Governance

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

FINANCIAL IMPLICATIONS

As outlined within the report and attachments.

SUSTAINABILITY IMPLICATIONS

Nil

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (Ref: D2015/02238)
2. Capital Expenditure Statement (Ref: D2015/02239)
3. Statement of Financial Position (Ref: D2015/02240)
4. Statement of Cash and Investments (Ref: D2015/02241)
5. Investment Report (Ref: D2015/02242)

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 December 2014.

COUNCIL RESOLUTION(S)

MOVED CR ZANNINO

SECONDED CR CUCCARO

THAT COUNCIL RECEIVES THE STATEMENT OF COMPREHENSIVE INCOME, CAPITAL EXPENDITURE STATEMENT, STATEMENT OF FINANCIAL POSITION, STATEMENT OF CASH AND INVESTMENTS AND THE INVESTMENT REPORT FOR THE PERIOD ENDED 31 DECEMBER 2014.

CARRIED UNANIMOUSLY



STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

DECEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		Forecast	Budget	Variance	
Operating Income							
\$11,872,185	\$16,369,826	(\$4,497,641)	(U)	User Charges	\$27,357,131	\$36,459,392	(\$9,102,261) (U)
\$220,846	\$226,019	(\$5,173)	(U)	Special Charges	\$438,813	\$441,134	(\$2,321) (U)
\$547,652	\$577,091	(\$29,439)	(U)	Contributions	\$664,920	\$660,878	\$4,042 (F)
\$130,000	\$135,000	(\$5,000)	(U)	Operating Grants	\$1,088,920	\$1,031,920	\$57,000 (F)
\$171,981	\$85,644	\$86,337	(F)	Interest Municipal Cash Investments	\$171,300	\$171,300	\$0 (F)
\$692,725	\$394,758	\$297,967	(F)	Reimbursements	\$1,026,856	\$789,589	\$237,267 (F)
\$1,105,097	\$1,024,226	\$80,871	(F)	Other	\$2,416,460	\$1,951,500	\$464,960 (F)
\$14,740,487	\$18,812,564	(\$4,072,077)	(U)	Total Operating Income	\$33,164,400	\$41,505,713	(\$8,341,313) (U)
Operating Expenditure							
\$3,871,262	\$4,699,094	\$827,832	(F)	Salary Expenses	\$9,441,741	\$9,471,357	\$29,616 (F)
\$1,661,515	\$2,348,632	\$687,117	(F)	Contract Expenses	\$5,312,188	\$6,217,698	\$905,510 (F)
\$310,058	\$337,923	\$27,865	(F)	Material Expenses	\$927,434	\$1,115,211	\$187,777 (F)
\$105,238	\$156,850	\$51,612	(F)	Utility Expenses	\$238,801	\$313,801	\$75,000 (F)
\$393,130	\$431,932	\$38,802	(F)	Fuel Expenses	\$874,930	\$883,840	\$8,910 (F)
\$10,628	\$10,650	\$22	(F)	Finance Fees and Interest Expenses	\$21,317	\$21,317	\$0 (F)
\$700,799	\$164,374	(\$536,425)	(U)	Insurance Expenses	\$833,828	\$340,079	(\$493,749) (U)
\$1,902,309	\$2,603,689	\$701,380	(F)	Depreciation Expenses	\$5,479,955	\$6,974,147	\$1,494,192 (F)
\$3,266,643	\$4,214,113	\$947,470	(F)	Miscellaneous Expenses	\$9,630,021	\$14,052,170	\$4,422,149 (F)
\$0	\$0	\$0	(F)	Provision Expenses	\$69,584	\$86,804	\$17,220 (F)
(\$331,225)	(\$136,804)	\$194,421	(F)	Costs Allocated	(\$271,844)	(\$271,844)	\$0 (F)
\$11,890,355	\$14,830,453	\$2,940,098	(F)	Total Operating Expenditure	\$32,557,954	\$39,204,580	\$6,646,626 (F)
\$2,850,132	\$3,982,111	(\$1,131,979)	(U)	OPERATING RESULT FROM NORMAL ACTIVITIES	\$606,446	\$2,301,133	(\$1,694,688) (U)
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. Miscellaneous Expenses - includes the Landfill Levy expense of \$2,841,835 as at 31 December 2014.

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

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

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

STATEMENT OF COMPREHENSIVE INCOME

Nature and Type

DECEMBER 2014

Year to Date

Full Year

Actual

Budget

Variance

Forecast

Budget

Variance

Other Revenues

\$2,336,543	\$2,537,584	(\$201,041)	(U)	Secondary Waste Charge	\$4,634,359	\$5,147,437	(\$513,078)	(U)
\$0	\$0	\$0	(F)	Operating Grants	\$0	\$0	\$0	(F)
\$1,105,003	\$725,160	\$379,843	(F)	Interest Restricted Cash Investments	\$1,450,386	\$1,450,386	\$0	(F)
\$6	\$1,080	(\$1,074)	(U)	Reimbursements	\$2,169	\$2,169	\$0	(F)
\$200,598	\$132,700	\$67,898	(F)	Proceeds from Sale of Assets	\$383,195	\$344,450	\$38,745	(F)
\$3,642,150	\$3,396,524	\$245,626	(F)	Total Other Revenues	\$6,470,109	\$6,944,442	(\$474,333)	(U)

Other Expenses

\$111,704	\$190,590	\$78,886	(F)	Salary Expenses	\$332,728	\$461,501	\$128,773	(F)
\$243,839	\$389,043	\$145,204	(F)	Contract Expenses	\$789,911	\$1,022,311	\$232,400	(F)
\$3,147	\$4,918	\$1,771	(F)	Material Expenses	\$7,950	\$13,150	\$5,200	(F)
\$1,022	\$3,744	\$2,722	(F)	Utility Expenses	\$7,500	\$7,500	\$0	(F)
\$3,304	\$3,774	\$470	(F)	Insurance Expenses	\$7,482	\$7,559	\$77	(F)
\$953	\$1,932	\$979	(F)	Depreciation Expenses	\$32,250	\$39,954	\$7,704	(F)
\$20,256	\$59,228	\$38,972	(F)	Miscellaneous Expenses	\$103,074	\$121,374	\$18,300	(F)
\$167,648	\$159,502	(\$8,146)	(U)	Carrying Amount of Assets Disposed Of	\$259,094	\$306,908	\$47,814	(F)
\$147,892	\$135,826	(\$12,066)	(U)	Costs Allocated	\$271,844	\$271,844	\$0	(F)
\$699,764	\$948,557	\$248,793	(F)	Total Other Expenses	\$1,811,833	\$2,252,101	\$440,268	(F)

Realised/Unrealised (Gain)/Loss From Change in Fair Value of Investments

\$0	\$0	\$0	(F)	Unrealised (Gain)/Loss	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Realised (Gain)/Loss	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Total (Gain)/Loss from change in Fair Value of Investments	\$0	\$0	\$0	(F)

Revaluation of Assets

\$0	\$0	\$0	(F)	Revaluation of Assets	\$0	\$0	\$0	(F)
\$0	\$0	\$0	(F)	Total Revaluation of Assets	\$0	\$0	\$0	(F)

\$2,942,386	\$2,447,967	\$494,419	(F)	OPERATING RESULT FROM OTHER ACTIVITIES	\$4,658,276	\$4,692,341	(\$34,065)	(U)
Surplus	Surplus				Surplus	Surplus		

\$5,792,518	\$6,430,078	(\$637,560)	(U)	CHANGE IN NET ASSETS FROM OPERATIONS	\$5,264,722	\$6,993,474	(\$1,728,752)	(U)
Surplus	Surplus				Surplus	Surplus		



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CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date						Full Year		
Actual	Budget	Variance		On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance
Governance and Corporate Services								
\$15,988	\$132,435	\$116,447	(F)	\$0	Purchase Vehicles - Ascot Place (24440/00)	\$166,005	\$233,978	\$67,973 (F)
\$0	\$16,872	\$16,872	(F)	\$0	Purchase Furniture Fittings & Equipment - Corporate Services (24510/01)	\$33,750	\$33,750	\$0 (F)
\$27,938	\$241,850	\$213,912	(F)	\$1,025	Purchase Information Technology & Communication Equipment (24550/00)	\$510,650	\$719,650	\$209,000 (F)
\$0	\$19,998	\$19,998	(F)	\$0	Purchase Art Works (24620/00)	\$20,000	\$40,000	\$20,000 (F)
\$0	\$129,996	\$129,996	(F)	\$0	Capital Improvement Administration Building - Ascot Place (25240/01)	\$260,000	\$260,000	\$0 (F)
\$0	\$1,824	\$1,824	(F)	\$0	Upgrade Security Equipment - Ascot Place (25530/01)	\$3,650	\$3,650	\$0 (F)
\$43,925	\$542,975	\$499,050	(F)	\$1,025		\$994,055	\$1,291,028	\$296,973 (F)

CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date				On (F) = Favourable variation Order (U) = Unfavourable variation		Full Year			
Actual	Budget	Variance	Forecast			Budget	Variance		
Resource Recovery									
\$0	\$0	\$0	(F)	\$0	Construct and Commission Resource Recovery Park - Wood Waste to Energy Building (24259/05)	\$625,000	\$625,000	\$0	(F)
\$0	\$10,000	\$10,000	(F)	\$0	Construct and Commission Resource Recovery Park - Community Transfer Station (24259/06)	\$0	\$10,000	\$10,000	(F)
\$0	\$25,000	\$25,000	(F)	\$0	Construct and Commission Resource Recovery Park - MRF Building - Hazelmere (24259/09)	\$25,000	\$50,000	\$25,000	(F)
\$0	\$0	\$0	(F)	\$0	Construct and Commission Resource Recovery Park - Weighbridges (x2) (24392/02)	\$75,000	\$150,000	\$75,000	(F)
\$17,090	\$100,000	\$82,910	(F)	\$40,082	Construct and Commission Resource Recovery Park - Site Infrastructure (24399/01)	\$690,000	\$1,190,000	\$500,000	(F)
\$0	\$223,000	\$223,000	(F)	\$0	Purchase Resource Recovery Park - Wood Waste to Energy Plant & Equipment (24410/03)	\$6,135,000	\$6,135,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Purchase Resource Recovery Park C & I Building - Plant & Equipment (24410/04)	\$800,000	\$1,700,000	\$900,000	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase Office Equipment - Resource Recovery (24510/07)	\$1,000	\$1,000	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase Other Equipment - Resource Recovery (24590/07)	\$1,000	\$1,000	\$0	(F)
\$0	\$1,000	\$1,000	(F)	\$0	Purchase Office Furniture and Fittings - Resource Recovery (24610/07)	\$1,000	\$1,000	\$0	(F)
\$17,090	\$361,000	\$343,910	(F)	\$54,582		\$9,903,000	\$12,413,000	\$2,510,000	(F)

CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date					Full Year		
Actual	Budget	Variance	On Order	(F) = Favourable variation (U) = Unfavourable variation	Forecast	Budget	Variance
Waste Management							
\$0	\$0	\$0 (F)	\$0	Construct Storage Shed for Mattresses - Hazelmere (24250/05)	\$0	\$63,000	\$63,000 (F)
\$0	\$0	\$0 (F)	\$0	Construct Class III Cell Stage 14 - Red Hill Landfill Facility (24310/12)	\$960,000	\$960,000	\$0 (F)
\$15,353	\$12,500	(\$2,853) (U)	\$3,636	Construct Class III Landfill Cell Farm Stage 3 - Red Hill Landfill Facility (24310/13)	\$150,000	\$1,100,000	\$950,000 (F)
\$709,146	\$1,041,600	\$332,454 (F)	\$2,698,345	Construct Class III Cell Stage 15 - Red Hill Landfill Facility (24310/16)	\$5,010,000	\$5,010,000	\$0 (F)
\$489	\$350,500	\$350,011 (F)	\$266,133	Leachate Project - Red Hill Landfill Facility (24320/02)	\$1,000,000	\$1,000,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Design and Construct Class IV Cell Stage 2 - Red Hill Landfill Facility (24330/04)	\$400,000	\$400,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Siltation Ponds - Red Hill Landfill Facility (24350/00)	\$200,000	\$200,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Stormwater Control Pond - Red Hill Farm Stage I (24350/01)	\$100,000	\$100,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Construct Nutrient Stripping Pond - Red Hill Landfill Facility (24360/00)	\$200,000	\$286,000	\$86,000 (F)
\$0	\$200,000	\$200,000 (F)	\$0	Construct Roads / Carparks - Red Hill Landfill Facility (24370/00)	\$500,000	\$500,000	\$0 (F)
\$2,399	\$100,000	\$97,601 (F)	\$94,274	Construct Perimeter Fencing - Red Hill Landfill Facility (24394/00)	\$100,000	\$100,000	\$0 (F)
\$1,030	\$0	(\$1,030) (U)	\$0	Construct Greenwaste Processing Area - Red Hill Landfill Facility (24395/00)	\$0	\$0	\$0 (F)
\$8,200	\$124,000	\$115,800 (F)	\$42,320	Construct Hardstand and Road - Hazelmere (24395/01)	\$224,000	\$224,000	\$0 (F)

CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date				On Order	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
Actual	Budget	Variance	Forecast			Budget	Variance		
Waste Management									
\$0	\$0	\$0	(F)	\$0	Relocate Greenwaste Processing area - Red Hill Landfill Facility (24395/04)	\$820,000	\$820,000	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Construct Monitoring Bores - Red Hill Landfill Facility (24396/00)	\$32,782	\$32,782	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Washdown bay Upgrade - Red Hill Landfill Facility (24399/04)	\$0	\$70,000	\$70,000	(F)
\$0	\$0	\$0	(F)	\$0	Truck Washdown Bay for Member Councils - Red Hill Landfill Facility (24399/05)	\$0	\$30,000	\$30,000	(F)
\$0	\$0	\$0	(F)	\$0	Plant Washdown Bay - Hazelmere (24399/08)	\$80,000	\$80,000	\$0	(F)
\$248,101	\$800,000	\$551,899	(F)	\$0	Purchase / Replace Plant - Red Hill Landfill Facility (24410/00)	\$1,803,000	\$2,103,000	\$300,000	(F)
\$516,383	\$360,000	(\$156,383)	(U)	\$5,487	Purchase / Replace Plant - Hazelmere (24410/01)	\$2,850,000	\$2,850,000	\$0	(F)
\$9,098	\$45,300	\$36,202	(F)	\$0	Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility (24420/00)	\$165,000	\$165,000	\$0	(F)
\$5,723	\$12,000	\$6,277	(F)	\$3,636	Purchase / Replace Minor Plant and Equipment - Hazelmere (24420/02)	\$12,000	\$12,000	\$0	(F)
\$100,526	\$100,600	\$74	(F)	\$0	Purchase / Replace Vehicles - Red Hill Landfill Facility (24430/00)	\$104,279	\$117,869	\$13,590	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Office Equipment - Engineering / Waste Management (24510/02)	\$550	\$550	\$0	(F)
\$0	\$0	\$0	(F)	\$0	Purchase / Replace Office Equipment - Red Hill Landfill Facility (24510/08)	\$24,000	\$24,000	\$0	(F)
\$0	\$10,000	\$10,000	(F)	\$4,750	Purchase Fire Fighting System/Equipment - Hazelmere (24520/07)	\$10,000	\$10,000	\$0	(F)

CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date				Full Year			
Actual	Budget	Variance		On (F) = Favourable variation Order (U) = Unfavourable variation	Forecast	Budget	Variance
Waste Management							
\$0	\$1,000	\$1,000 (F)	\$0	Purchase / Replace Fire Fighting Equipment - Red Hill Landfill Facility (24520/08)	\$1,000	\$1,000	\$0 (F)
\$3,940	\$28,000	\$24,060 (F)	\$0	Purchase / Replace Security System - Red Hill Waste Management Facility (24530/08)	\$28,000	\$54,000	\$26,000 (F)
\$0	\$6,000	\$6,000 (F)	\$0	Purchase / Replace Security System - Hazelmere (24530/10)	\$6,000	\$6,000	\$0 (F)
\$11,983	\$65,000	\$53,017 (F)	\$0	Purchase / Replace Other Equipment - Red Hill Landfill Facility (24590/00)	\$131,000	\$266,000	\$135,000 (F)
\$0	\$2,500	\$2,500 (F)	\$1,640	Purchase / Replace Miscellaneous Equipment - Hazelmere (24590/02)	\$2,500	\$2,500	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$154	Purchase/Replace Other Equipment - Engineering and Waste Management (24590/03)	\$3,000	\$3,000	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$0	Purchase Office Furniture and Fittings-Engineering and Waste Management (24610/03)	\$1,000	\$1,000	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$0	Purchase / Replace Office Furniture and Fittings - Red Hill Landfill Facility (24610/08)	\$3,000	\$3,000	\$0 (F)
\$0	\$1,500	\$1,500 (F)	\$0	Purchase Office Furniture and Fittings-Hazelmere (24610/10)	\$1,500	\$1,500	\$0 (F)
\$0	\$1,000	\$1,000 (F)	\$0	Purchase Miscellaneous Furniture and Fittings - Red Hill Education Programme (24690/01)	\$1,000	\$1,000	\$0 (F)
\$3,900	\$4,000	\$100 (F)	\$596	Refurbish Environmental Education Centre - Redhill Landfill Facility (25253/00)	\$4,000	\$4,000	\$0 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Waste Transfer Station Building - Red Hill Landfill Facility (25259/01)	\$0	\$80,000	\$80,000 (F)
\$0	\$0	\$0 (F)	\$0	Refurbish Plant - Red Hill Landfill Facility (25410/00)	\$20,000	\$20,000	\$0 (F)



CAPITAL EXPENDITURE STATEMENT

DECEMBER 2014

Year to Date					Full Year		
Actual	Budget	Variance	On (F) = Favourable variation Order (U) = Unfavourable variation		Forecast	Budget	Variance
\$1,636,271	\$3,268,500	\$1,632,229 (F)	\$3,120,972		\$14,947,611	\$16,701,201	\$1,753,590 (F)
\$1,697,286	\$4,175,313	\$2,478,027 (F)	\$3,176,579	TOTAL CAPITAL EXPENDITURE	\$25,849,066	\$30,410,929	\$4,561,863 (F)

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58 CASH AND INVESTMENTS

DECEMBER 2014

Actual June 2014	Actual Year to Date	(F) = Favourable variation (U) = Unfavourable variation	Full Year			
			Forecast	Budget	Variance	
Municipal Cash and Investments						
2,019,118	2,915,899	Cash at Bank - Municipal Fund 01001/00	2,841,400	1,575,219	1,266,181	(F)
1,250	1,250	Cash on Hand - Ascot Place 01019/00	1,250	1,250	0	(F)
300	400	Cash on Hand - Walliston/Mathieson & Coppin Road Transfer Stations 01019/01	300	300	0	(F)
1,800	1,800	Cash on Hand - Red Hill / Hazelmere 01019/02	1,800	1,800	0	(F)
16,496,934	17,672,226	Investments - Municipal Fund 02021/00	6,524,997	9,756,578	(3,231,581)	(U)
18,519,402	20,591,575	Total Municipal Cash	9,369,747	11,335,147	(1,965,400)	(U)
Restricted Cash and Investments						
3,061,316	3,125,128	Restricted Investments - Plant and Equipment 02022/01	41,621	248,590	(206,969)	(U)
1,717,656	1,753,460	Restricted Investments - Post Closure Site Rehabilitation Red Hill 02022/02	1,778,670	1,778,670	0	(F)
242,215	247,264	Restricted Investments - Future Development 02022/03	3,706,098	3,706,098	0	(F)
568,262	580,107	Restricted Investments - Environmental Monitoring Red Hill 02022/04	588,351	588,351	0	(F)
133,486	136,269	Restricted Investments - Environmental Insurance Red Hill 02022/05	88,089	88,089	0	(F)
13,023	13,295	Restricted Investments - Risk Management 02022/06	13,460	13,460	0	(F)
111,812	114,143	Restricted Investments - Class IV Cells Red Hill 02022/07	40,547	(241,925)	282,472	(F)
14,747	15,055	Restricted Investments - Regional Development 02022/08	10,826	(239,658)	250,484	(F)
43,581,696	44,490,127	Restricted Investments - Secondary Waste Processing 02022/09	37,844,774	35,568,402	2,276,372	(F)
914,509	933,571	Restricted Investments - Class III Cells 02022/10	632,998	3,776	629,222	(F)
65,756	67,127	Restricted Investments - Building Refurbishment (Ascot Place) 02022/11	67,961	67,961	0	(F)
231,764	270,803	Restricted Investments - Accrued Interest 02022/19	231,764	231,764	0	(F)
(601,485)	0	Restricted Investments - Unrealised Loss/Gain on Investments 02022/20	(601,485)	(601,485)	0	(F)
714,817	729,717	Restricted Investments - Long Service Leave 02022/90	758,873	758,873	0	(F)
50,769,576	52,476,064	Total Restricted Cash	45,202,549	41,970,968	3,231,581	(F)
69,288,978	73,067,639	TOTAL CASH AND INVESTMENTS	54,572,296	53,306,115	1,266,181	(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.

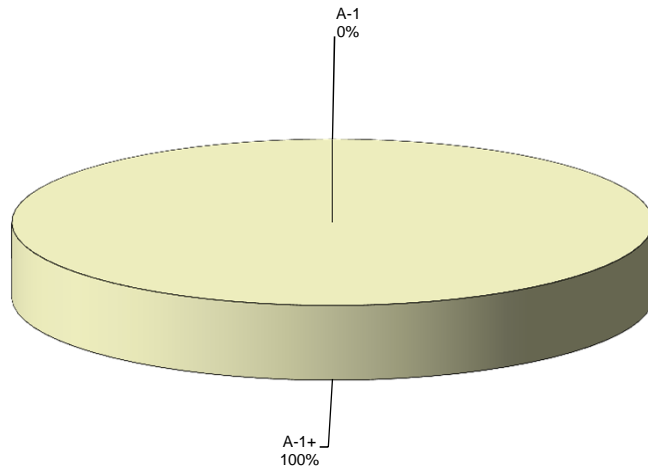
EMRC Investment Report

December 2014

I. Overall Portfolio Limits

S&P Long Term Rating	S&P Short Term Rating	% Portfolio	Investment Maximum %
AAA	A-1+	100.00%	100%
AA	A-1	0.00%	100%
		100.00%	

Investment by S&P Rating



II. Single Entity Exposure

	% Portfolio
ANZ Banking Group	39.14%
NAB	42.02%
Westpac / St. George Bank	18.84%
	100.00%

III. Term to Maturity Framework

Maturity Profile	Investment Policy Guidelines		
	% Portfolio	% Min	% Max
Less Than 1 Year	100.00%	40.00%	100.00%
Greater Than 1 Year	0.00%	0.00%	0.00%
	100.00%		

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



14.4 REVIEW OF DELEGATED POWERS AND DUTIES

REFERENCE: D2015/02243

PURPOSE OF REPORT

To complete the annual statutory review of the exercise of powers and discharge of duties delegated by Council and to propose an additional delegation.

KEY ISSUES AND RECOMMENDATION(S)

- It is a requirement of section 5.18 of the *Local Government Act 1995* (the Act) that the delegations made by the Council to Committees are reviewed in every financial year.
- It is a requirement of section 5.46 of the Act that the delegations made by the Council to the Chief Executive Officer (CEO) are reviewed in every financial year.
- The delegation of powers and duties remaining current are recommended for review and to be re-affirmed by Council.
- Proposed delegation of authority to the Chief Executive Officer for donation of EMRC product to certain groups where deemed appropriate.

Recommendation(s)

That Council:

1. Re-affirms the delegated powers and duties as listed in the report.
2. By absolute majority in accordance with section 5.42 of the Local Government Act 1995, delegates authority to the Chief Executive Officer to donate EMRC product to the value of \$10,000 p.a.

SOURCE OF REPORT

Director Corporate Services
 Manager Administration & Compliance

BACKGROUND

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

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



Item 14.4 continued

REPORT

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

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

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C2/97	29/8/96	Power to pay accounts between meetings	CEO	Current
C/2014	04/12/2014	That Council pursuant to Section 5.42 of the Local Government Act 1995, amends the delegation to the Chief Executive Officer with respect to payments from the municipal or trust funds, to include a condition that the Chief Executive Officer is to provide a brief description outlining the nature of each transaction and payment made from municipal or trust funds on a monthly basis.	CEO	(Council) D2014/12979 17.2 Notion of Motion
C7/2001	22/02/01	The CEO delegated authority, up to \$5,000 per application, where the need arises for urgent legal services	CEO	Current
C-/2005	19/05/05	Finalise the sale of the land, within Lot 12, required for the Hills Spine Road and Perth – Adelaide Highway, to the Western Australian Planning Commission.	CEO	Current (TAC) DMDOC/34306 (Council) DMDOC/32855
C-/2006	20/07/06	The CEO, in consultation with the Chairman, is delegated authority to approve interstate and local travel related expenditure associated with pursuing lobbying and advocacy issues of an urgent nature, in accordance with Council Policy 1.8 – Lobbying and Advocacy Policy.	CEO	Current (CEOAC) DMDOC/107688 (Council) DMDOC/52370
C-/2006	24/08/06	That the CEO make appointments to the position of Acting Chief Executive Officer based on the EMRC employee holding the substantive position of Director and appointments being for a period of not longer than six (6) weeks.	CEO	Current (Report) DMDOC/55573 (Council) DMDOC/54252



Item 14.4 continued

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C-/2008	21/02/08	The Investment Committee has only those delegated powers and duties of Council associated with the EMRC Investment Portfolio, that have not been delegated to the CEO inclusive of, but not limited to: <ul style="list-style-type: none"> (a) the acceptance of tenders for the provision of advice and services; and (b) to deal with any legal proceedings that may need to be initiated. 	Investment Committee	Current Investment Committee Terms of Reference DMDOC/118164 (Report) DMDOC/78490 (Council) DMDOC/77280
C-/2010	18/02/2010	That Council, by an absolute majority in accordance with section 5.42 of the <i>Local Government Act 1995</i> , delegate authority to the Chief Executive Officer to enter into contracts for the sale of EMRC generated products to a maximum contract value of \$3,000,000 (ex GST)	CEO	Current (Report) DMDOC/126570 (Council) DMDOC/123820
C/2014	20/02/2014	That Council: <ul style="list-style-type: none"> 1. By absolute majority acting pursuant to section 5.42 of the <i>Local Government Act 1995</i>, delegates authority to the Chief Executive Officer to accept tenders conditional upon: <ul style="list-style-type: none"> (a) Provision having been made in the current budget for the purchase of the particular item or as authorised by Council in advance; and (b) This authority not applying to any tender for an amount exceeding \$350,000 excluding GST. 	CEO	Current (Report) D2014/00706



Item 14.4 continued

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C/2014	19/06/2014	<p>That:</p> <ol style="list-style-type: none"> 1. Council by absolute majority, pursuant to section 5.42 of the Local Government Act 1995, delegates authority to the CEO to finalise and execute a Wholesale Electricity Agreement. 2. The Report and attachments remain confidential and be certified by the Chairman and CEO. 	CEO	<p>Current (Report) D2014/06931 (Council) D2014/05562</p>
C/2014	18/09/2014	<p>That Council:</p> <ol style="list-style-type: none"> 1. Acknowledge that because of the proprietary nature of the HAAS timber grinder, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome for the provision of equipment and repairs required to the damaged timber grinder. 2. Grant the CEO delegated authority to accept quotations for repairs of the HAAS timber grinder and the hire and purchase of additional plant and equipment for the processing of timber waste as approved by the EMRC's insurers. 	CEO	<p>Current (Report) D2014/11536 (Council) D2014/10146</p>



Item 14.4 continued

Delegation Number	Date of Original Delegation	Description of Delegation	Delegated to	Comments
C/2014	4/12/2014	<p>That:</p> <ol style="list-style-type: none"> 1. Council by absolute majority in accordance with Section 5.42 of the Local Government Act 1995, authorise the CEO in consultation with the Chairman to negotiate a final settlement with the Department of Planning for the exchange of that portion of Lot 99(1), required by the Department of Planning for the proposed Lloyd Street extension, for that portion of Lot 99(2), owned by the Department of Planning and adjacent to Lot 100 Lakes Road, Hazelmere, owned by the EMRC. 2. The report and attachments remain confidential and be certified by the Chairman and CEO. 	CEO	<p>Current</p> <p>(Report) D2014/14802</p> <p>(Council) D2014/12979</p>

From time to time the EMRC receives requests for the donation of EMRC products to the likes of charitable groups, not for profit organisations, community groups, play groups, primary and secondary schools etc. In order for the CEO to be able to donate the EMRC product it requires delegated authority to do so. The value of product for the CEO to be able to donate to groups if deemed appropriate is up to \$10,000.00 p.a. The CEO will determine the appropriateness of the donation on a case by case basis.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

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

FINANCIAL IMPLICATIONS

Nil

SUSTAINABILITY IMPLICATIONS

Nil



Item 14.4 continued

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Absolute Majority

RECOMMENDATION(S)

That Council:

1. Re-affirms the delegated powers and duties as listed in the report.
2. By absolute majority in accordance with section 5.42 of the Local Government Act 1995, delegates authority to the Chief Executive Officer to donate EMRC product to the value of \$10,000 p.a.

COUNCIL RESOLUTION(S)

MOVED CR CUCCARO

SECONDED CR ANDERTON

THAT COUNCIL:

1. RE-AFFIRMS THE DELEGATED POWERS AND DUTIES AS LISTED IN THE REPORT.
2. BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 5.42 OF THE LOCAL GOVERNMENT ACT 1995, DELEGATES AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO DONATE EMRC PRODUCT TO THE VALUE OF \$10,000 P.A.

CARRIED BY ABSOLUTE MAJORITY 12/0



14.5 EMRC SUBMISSION TO THE REVIEW OF THE WASTE AVOIDANCE AND RESOURCE RECOVERY ACT 2007

REFERENCE: D2015/00975

PURPOSE OF REPORT

To seek Council endorsement of EMRC's submission to the review of the *Waste Avoidance and Resource Recovery Act 2007 (WARR Act)*.

KEY ISSUES AND RECOMMENDATION(S)

- The *Waste Avoidance and Resource Recovery Act 2007 (WARR Act)*, which is the principal legislation for dealing with waste management in Western Australia, came into operation on 1 July 2008.
- The WARR Act is subject to a statutory review within five years of its commencement.
- The Department of Environment Regulation (DER) is carrying out the review on behalf of the Minister for Environment.
- A Discussion Paper has been released to provide context for considering specific proposals to amend the WARR Act.
- Submissions are to be provided to the DER by 23 February 2015.
- EMRC has prepared a draft "EMRC Response to Discussion Paper related to the review of the *WARR Act 2007*" (draft Response).

Recommendation(s)

That Council endorse the draft "EMRC Response to Discussion Paper related to the review of the *WARR Act 2007*" forming the attachment to this report for submission to the Minister of Environment by 23 February 2015.

SOURCE OF REPORT

Chief Executive Officer
 Manager Human Resources

BACKGROUND

The *Waste Avoidance and Resource Recovery Act 2007 (WARR Act)*, which is the principal legislation for dealing with waste management in Western Australia, came into operation on 1 July 2008. It is subject to a statutory review within five years of its commencement.

REPORT

The Department of Environment Regulation (DER) is carrying out the review of the WARR Act on behalf of the Minister for Environment. A Discussion Paper has been released to provide a context for considering specific proposals to amend the WARR Act. Submissions have been invited from interested stakeholders.



Item 14.5 Continued

EMRC has prepared a draft “EMRC Response to Discussion Paper related to the review of the *WARR Act 2007*” (draft Response). The draft Response has been developed to address the reforms suggested in the Discussion Paper inclusive of:

- Creating statutory waste groups with compulsory local government membership;
- Giving waste groups the authority to co-ordinate procurement of waste processing services to achieve least cost and maximise competition; and
- Implementing waste infrastructure planning that requires regional and local plans to align to a State waste plan.

The draft Response is attached for Council consideration and endorsement before being submitted to the Minister for Environment by 23 February 2015.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

4.1 To provide advice and advocacy on issues affecting Perth's Eastern Region

FINANCIAL IMPLICATIONS

Nil

SUSTAINABILITY IMPLICATIONS

Nil

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

EMRC Response to the Discussion Paper related to the review of the *WARR Act 2007* (Ref: D2015/02374)

VOTING REQUIREMENT

Simple Majority



Item 14.5 Continued

RECOMMENDATION(S)

That Council endorse the draft “EMRC Response to Discussion Paper related to the review of *the WARR Act 2007*” forming the attachment to this report for submission to the Minister of Environment by 23 February 2015.

Cr Zannino moved the recommendation on this item but with the deletion of point 4 and 5 on page 91 of the submission being:

- Point 4 - It be compulsory for metropolitan local governments to be members of regional councils for waste management purposes and
- Point 5 - Regional councils have the ability to appoint skills based members.

Cr Färdig seconded the motion.

Discussion then ensued on both points.

Cr Lindsey foreshadowed a motion for an amendment to the motion to retain point 4 and delete point 5.

The Chairman put Cr Zannino’s motion to amend the recommendation to delete point 4 and 5 to the vote.

RECOMMENDATION(S)

MOVED CR ZANNINO

SECONDED CR FÄRDIG

That Council endorse the draft “EMRC Response to Discussion Paper related to the review of the WARR Act 2007”, except for point 4 and 5 of page 91 and any related supporting details of the submission which are to be deleted, forming the attachment to this report for submission to the Minister of Environment by 23 February 2015.

DEFEATED 4/8

For Vote: Cr Cornish, Cr Färdig, Cr Wolff, Cr Zannino.

Against Vote: Cr Pilgrim, Cr Anderton, Cr Carter, Cr Cuccaro, Cr Lindsey, Cr O’Connor, Cr Powell, Cr Pule.

After further discussion on Cr Lindsey’s foreshadowed motion to retain point 4 and delete point 5 the Chairman closed the debate and put the motion to the vote with the following recommendation.

COUNCIL RESOLUTION(S)

MOVED CR LINDSEY

SECONDED CR ANDERTON

THAT COUNCIL ENDORSE THE DRAFT “EMRC RESPONSE TO DISCUSSION PAPER RELATED TO THE REVIEW OF THE WARR ACT 2007”, EXCEPT FOR POINT 5 OF PAGE 91 AND ANY RELATED SUPPORTING DETAILS OF THE SUBMISSION WHICH ARE TO BE DELETED, FORMING THE ATTACHMENT TO THIS REPORT FOR SUBMISSION TO THE MINISTER OF ENVIRONMENT BY 23 FEBRUARY 2015.

CARRIED 7/5

For Vote: Cr Anderton, Cr Carter, Cr Cornish, Cr Färdig, Cr Lindsey, Cr Wolff, Cr Zannino.

Against Vote: Cr Pilgrim, Cr Cuccaro, Cr O’Connor, Cr Powell, Cr Pule.



A proud history with a bright future ➡

EMRC Response to the Discussion Paper related to the review of the *WARR Act 2007*



Adopted by EMRC Council on 19 February 2015



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EXECUTIVE SUMMARY

The Eastern Metropolitan Regional Council (EMRC) welcomes the opportunity to comment on the Discussion Paper released by the Department of Environment Regulation (DER) to inform its statutory review of the *Waste Avoidance and Resource Recovery Act 2007* (WARR Act).

EMRC's submission is in two parts. Part One provides background information about the EMRC and details the benefits that its members have received as a result of their membership with the Regional Council. Part Two identifies a recommended model for future governance arrangements (refer Part Two, Diagram 1), in which Regional Councils will be consolidated into three Regional Councils and will continue to play a role in delivering waste management and other services.

EMRC's submission concludes that there is an opportunity to make some changes. The role of Regional Councils should be to continue to develop and deliver waste plans in alignment with state policy and waste plans. Regional Councils have achieved outstanding community outcomes and it would be remiss to try and change what is already working well. However there are opportunities available through the review of the WARR Act to put in place new structures, which will continue the legacy of excellent service delivery by Regional Councils.

In addition, further consideration should also be given to expanding the WARR Act review to include C&I and C&D waste streams, bringing about greater progress with Extended Producer Responsibility, the introduction of a Container Deposit Scheme and greater hypothecation of funds raised through the WARR Levy.

In response to the Discussion Paper EMRC recommends that:

1. The State Government NOT consider the creation of new "Statutory Waste Groups";
2. The management of Municipal Solid Waste be undertaken by Regional Local Government;
3. Regional Local Governments be consolidated down from five to three based on contiguous, geographical clusterings;
4. It be compulsory for metropolitan local governments to be members of regional councils for waste management purposes;
5. Regional councils have the ability to appoint skills based members; and

Although not covered in the DER Discussion Paper, it is also recommended that:

6. Increases be made to the level of hypothecation of funds raised through the WARR Levy to facilitate strategic waste outcomes;
7. Review of the *WARR Act 2007* be expanded to address Commercial & Industrial and Construction & Demolition waste streams;
8. Extended Producer Responsibility initiatives be progressed; and
9. A Container Deposit Scheme be introduced.

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INTRODUCTION

Local governments have traditionally had responsibility for waste management within their local areas as laid down by the regulatory framework of each state. Over the past 30 years this function has been managed very successfully in metropolitan Perth by Regional Councils such as the Eastern Metropolitan Regional Council (EMRC).

With expertise in management and coordination of household waste, resource recovery and recycling services, managing and operating landfill sites, delivering education and awareness programs, and providing and maintaining waste management infrastructure, EMRC has proved to be an integral element of waste management services within Perth's Eastern Region.

EMRC has also facilitated the creation of a range of industries and businesses in waste management and resource recovery, and has worked with its member local Councils, and other stakeholders to deliver better waste and resource efficiency outcomes.

EMRC is committed to the long term planning for effective waste management, and welcomes the opportunity to comment on the Discussion Paper released by the Department of Environment Regulation (DER) to inform its statutory review of the *Waste Avoidance and Resource Recovery Act 2007* (WARR Act).

One of the key potential issues identified in the DER "Discussion Paper" relates to insecure membership affecting investment decisions. This is supported by the observation that "No new commitments (aside from those already commenced) to alternative waste treatment (AWT) facilities have been initiated by Regional Councils in the last five years." This demonstrates an apparent lack of understanding of the industry and commercial realities. The reason that no new facilities have been committed to is not because of membership issues, it is because alternative waste treatment facilities are a 20 - 30 year investment decision and as such, new facilities are not constructed every few years. Furthermore, EMRC has obtained environmental approval for an AWT plant at its Red Hill Waste Management Facility and currently has an environmental approval application before the EPA for a Wood Waste to Energy plant at its Hazelmere Resource Recovery Park. RRC has recently awarded a tender for its member councils' waste to be treated by Phoenix Energy's waste to energy facility at Kwinana. All other regional councils have existing AWT infrastructure in place. Nonetheless EMRC is supportive of compulsory local government membership of regional councils for waste management purposes.

PART ONE: BACKGROUND

The Eastern Metropolitan Regional Council

The Eastern Metropolitan Regional Council (EMRC) was initially established by its member Councils over thirty years ago to provide waste treatment and / or disposal services. It has survived the test of time and as a highly successful Regional Council, EMRC's governance model has been recognised and held up as best practice through a number of reports such as: *The Journey: Sustainability into the Future* (WALGA, 2008) and *Ensuring the Future Sustainability of Communities* (Department of Local Government, 2006).

With a core business of the provision of waste disposal services to its member Councils, the EMRC also provides waste services to the commercial sector. EMRC has a reputation for being innovative and has demonstrated leadership in waste management. For example, it was the first Regional Council to:

- construct and operate a Class IV disposal cell;
- offer Household Hazardous Waste management programmes;
- capture landfill gas to generate power;
- establish an industrial timber recycling facility; and
- establish a mattress recycling programme.

EMRC owns and operates the Red Hill Waste Management Facility and the Hazelmere Resource Recovery Park, and is planning for AWT infrastructure at both sites. EMRC also promotes resource recovery activities through programmes such as greenwaste recycling, and the collection of batteries, fluorescent lights and electronic waste for recycling.

Red Hill Waste Management Facility

The Red Hill Waste Management Facility has a total area of 352 hectares and receives around 250-300,000 tonnes of waste pa. The facility generates 4 MW of electricity from landfill gas and significant quantities of greenwaste are composted to meet AS 4454 certification.

Currently, all non-recycled waste generated by member councils within Perth's Eastern Region is landfilled at the Red Hill Waste Management Facility. The Red Hill Waste Management Facility is licensed to receive Class I, II and III type wastes. EMRC has operated the only licensed Class IV disposal cell in Western Australia, accepting contaminated waste from various industries in accordance with the DER's Waste Classification Guidelines since 1997.

Red Hill also acts as a collection and storage area for dry recyclables and household hazardous waste received at the on-site transfer station. The facility has a 6,400L capacity 'multistore'

dangerous goods unit to store household hazardous waste (such as paint and pool chemicals). An on-site greenwaste processing facility includes open windrow composting and mulching of source separated greenwaste. Approximately 10,000 cubic metres of greenwaste is processed annually into mulch and soil conditioner and sold to various markets such as the recent Gateway WA project. EMRC obtained Australian Standard Certification for mulching and composting activities in October 2009, and maintains its certification through annual external audits. With an estimated 50 year life span (35 million cubic metres of airspace) Red Hill will be one of only two remaining metropolitan Perth landfill sites in the next decade.

Resource Recovery Facility

The EMRC has obtained Ministerial approval for the development of a modern alternative waste treatment facility at the Red Hill Waste Management Facility to extend the life of the site, so that it can service the expanding population of Perth well into the future. This facility will treat in the order of 100,000 tonnes of municipal solid waste per year to divert waste from landfill, reduce greenhouse gas emissions and produce compost and / or renewable power.

The EMRC has investigated technology and siting options, waste collection arrangements, contract ownership models and conducted extensive community engagement around the proposed options. The overall timeline for the project is estimated at 3.5 years from 2015 with anticipated commissioning in 2019.

Hazelmere Resource Recovery Park

EMRC's vision for the Hazelmere site is for a hub of resource recovery activities aimed at diverting significant waste from landfill and processing it into reusable products. The Hazelmere Resource Recovery Park is proposed to feature multiple components, including a:

- Woodwaste recycling facility
- Woodwaste to Energy Plant
- Greenwaste processing area
- Commercial and Industrial waste receivable and sorting area
- Materials Recovery Facility
- Household Hazardous Waste collection area
- Mattress processing operation
- Re-use shop
- Transfer station
- Waste education centre

The facility will be a first of its kind for Western Australia, an integrated resource recovery centre and model of sustainability. At a December 2014 project presentation to the Waste Authority, a member stated that “this is exactly what we are trying to achieve.”

The Hazelmere Wood Waste to Energy project is a partnership between Ansac, the University of Western Australia and the EMRC. Ansac were awarded \$5 million in Federal Government funding under the Clean Technology Innovation Fund for the project. Matching funding will be provided for construction from the EMRC and the federally funded equity in the plant reverts to EMRC on handover.

The environmental approval process is underway with the Environmental Protection Authority requiring a Public Environmental Review.

Environmental Management

The EMRC places a high priority on environmental performance, which forms an important element in the planning and management of its activities. An environmental policy has been developed which, details the set of commitments, objectives and responsibilities designed to achieve desired environmental outcomes. To implement these objectives a comprehensive Environmental Management System has been developed, which is designed to produce continuous site improvement whilst minimising the risks of environmental impact. Some of the types of environmental work conducted include environmental monitoring, research (through partnerships with universities), ground water remediation, community engagement, site rehabilitation and contaminated waste management. The EMRC publicly reports its environmental performance in annual monitoring and compliance reports to the DER and annual compliance and monitoring reports to the OEPA.

Environmental Monitoring

Environmental monitoring programmes at the Red Hill Waste Management Facility include extensive quarterly surface and ground water monitoring, landfill gas surveys, native fauna surveys, feral animal management programmes, field odour assessments (on-site and off-site at sensitive receptors), native seed collection, annual rehabilitation monitoring and aquatic fauna surveys surrounding natural surface water systems. Environmental monitoring programmes are also in place at the Hazelmere Recycling Centre and these include continuous ambient dust monitoring, ground water monitoring, and occupational exposure monitoring.

Alignment with National Waste Policy and WA Waste Strategy

EMRC has collaborated with its member Councils and industry to establish a sustainable solution for waste. Investment into resource recovery projects¹ and a comprehensive waste education programme have been instrumental in the diversion of waste from landfill, and pivotal in assisting the current level of development of recycling options in Western Australia.

The outcome is a cost effective, comprehensive sustainable and efficient service meeting community aspirations. In addition, the diversion of valuable resources from landfill has reduced greenhouse gas and landfill emissions; increased the life of the Red Hill Waste Management Facility; and has reduced the demand for additional landfill sites in and around Perth.

This clearly demonstrates EMRC's support and alignment with the aims of the National Waste Policy to:

- avoid the generation of waste, reduce the amount of waste (including hazardous waste) for disposal;
- manage waste as a resource;
- ensure that waste treatment, disposal, recovery and re-use is undertaken in a safe, scientific and environmentally sound manner, and
- contribute to the reduction in greenhouse gas emissions, energy conservation and production, water efficiency and the productivity of the land.

EMRC's activities also demonstrate a strong alignment with the WA Waste Strategy, which has a focus on increasing the recovery of municipal solid waste by way of re-use, reprocessing, recycling and/or energy recovery within Western Australia.

EMRC's plans for the future

Long Term Strategic Plan

Over its extensive history, EMRC has invested in waste solutions for Perth's Eastern Region. It has developed, coordinated and implemented activities, which have achieved effective and efficient waste management outcomes. EMRC-2022 – 10 Year Strategic Plan is an overarching plan, focussed on sustainability to address the social, environmental, economic and governance issues relevant to Perth's Eastern Region. EMRC's integrated planning framework supports the delivery of long term strategic outcomes through the development and implementation of long term financial plans, asset management plans, high level strategic plans (e.g. Strategic Waste

¹ These include the household hazardous waste programme, batteries collection programme, mattress recycling, timber recycling, e-waste management etc

Management Plan, Regional Environmental Management Strategy, Regional Economic Development Strategy) and work force plans.

Additionally EMRC has put in place comprehensive long term plans for the future of waste management within the Region, and these include:

The Hazelmere Resource Recovery Park (Hazelmere RRP)

With operational mattress and wood processing facilities already existing, a plan for the future development of the Hazelmere RRP is in place. It is envisaged that the completed RRP will accommodate a significant proportion of Perth's Eastern Region's future resource recovery requirements. The Hazelmere RRP is a staged development and has been based on site responsive land use planning and environmental design. The facilities planned on the site include a Wood Waste to Energy plant, C&I recycling and MRF.

The key principles underpinning the future development of the Hazelmere RRP are based on economic development opportunities, community access and participation and environmental sustainability.

Red Hill Development Plan

EMRC has prepared a development plan for the Red Hill site that outlines planned capital works over the next 10 years based on the current and anticipated activities of the site. These works encompass extension of landfill disposal cells for Class I - IV wastes, transfer station operations, greenwaste processing, resource recovery/AWT operations and materials recovery. Several assumptions were taken when preparing the Red Hill Development Plan, which included landfill levy increases, population growth in Perth's Eastern Region, projected tonnages, changes in legislation regarding the treatment of waste, local government reform, operation of the Resource Recovery Facility, processing of C&I waste at the Hazelmere RRP, and operation of a MRF.

Resource Recovery Facility (RRF)

EMRC is focussed on recovering more potential resources from the MSW stream to further reduce the amount of waste going to landfill. Plans to establish an RRF located at the Red Hill Waste Management Facility have progressed significantly. The RRF has received Ministerial approval and will assist in achieving EMRC's desired outcomes and resource recovery goals which include:

- Diverting waste from landfill;
- Reducing environmental impacts of landfilling (e.g. greenhouse gases);
- Generating renewable power;

- Developing marketable products such as compost;
- Increasing the recovery of valuable resources from waste; and
- Alignment with the Waste Authority's strategies and targets for MSW.

Market Development

The range of materials that can potentially be recovered and reprocessed is diverse as is the range of products that can be produced and marketed. The EMRC currently sells a range of products into commercial markets from the Red Hill Waste Management Facility and Hazelmere Resource Recovery Park. As the EMRC works to develop new resource recovery activities and therefore, recycling services, the number of products developed for the market will also continue to expand. The aim is to:

- Maximise the awareness, understanding and value of recovered resources through community education programmes
- Firmly position the EMRC as a provider of high quality, valuable and sustainable products and resource recovery services
- Understand the market needs relating to the uptake of recovered products and incorporating these concepts into operations
- Increase sales of EMRC products proportionately and sustainably with increases in the volumes of materials sourced
- Maximise the cost effectiveness of products
- Identify market development opportunities through partnerships with the commercial sector.

Waste Education

EMRC is dedicated to the implementation and coordination of a range of resource recovery community awareness and education programmes. EMRC's waste education programmes are delivered regionally which creates consistent messages and ultimately behaviour changes.

Through its Waste Education Strategy the EMRC aims to:

- Increase awareness of the region's waste management initiatives, in particular the Resource Recovery Project;
- Increase community involvement in the region's waste management initiatives and capacity to practise waste avoidance;
- Continue to develop sustainable regional partnerships for effective local and regional waste education and communications;
- To research and continually improve waste education programmes; and

- Provide advice and advocacy on waste-related issues.

Emergency Management Planning

Sufficient planning to guarantee continued waste operations has also been put into place by EMRC. In the event of a natural disaster or the inability to accept waste (e.g. due to a total fire ban), EMRC has a reciprocal agreement with MRC to assist in the acceptance of waste. This demonstrates the depth of planning, cooperation and coordination that has been undertaken by Regional Councils to ensure that potential catastrophic effects will not affect the provision of this essential service.

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PART TWO: THE FUTURE OF WASTE MANAGEMENT

The key reforms suggested in the Discussion paper are:

- Creating statutory waste groups with compulsory local government membership
- Giving waste groups the authority to co-ordinate procurement of waste processing services to achieve least cost and maximise competition
- Implementing waste infrastructure planning that requires regional and local plans to align to a State waste plan.

Statutory Waste Groups

The DER Discussion Paper states: *“there are opportunities to create statutory Waste Groups having regard to planning and service delivery to support efficient services. This may result in a reduced number of waste groups (there are currently five Regional Councils) in the Metropolitan area.”* The DER’s proposal does not provide a definition of statutory waste groups and it appears that these could either be the existing Regional Councils or newly created entities.

The EMRC contends that there is no compelling reason to create new statutory waste groups when regional councils can meet and surpass any functionality expectations.

The WA Government has noted that there are good models of Regional Councils, including the EMRC, who have made significant contributions on implementing government policies². In addition, it has been noted that Regional Local Governments and organisations of councils provide economies of scale resulting in more effective waste management³.

Regional Councils have the experience and expertise in waste management and there is the opportunity, through the WARR Act review, to acknowledge that wide-scale social, environmental and economic benefits have been possible due to local governments being able to leverage off the economies of scale and synergies offered through their collaboration with Regional Local Governments.

The value of a Regional Council such as the EMRC

Notwithstanding any changes to its member Councils resulting from the metropolitan local government reform process, the EMRC governance and service delivery model is sufficiently robust and flexible enough to continue to deliver services on a regional basis to its members. EMRC has an advantage in that its members abut each other in a tight geographic cluster. This

² WA State Sustainability Strategy (2003)

³ Metropolitan Local Government Review – Issues Paper, October 2011

geographic grouping has enabled EMRC to provide services at a scale which is beneficial to a region containing a shared community of interest.

EMRC's governance model has enabled member Councils to leverage off the economies of scale and synergies offered through their collaboration, providing for an improved financial position and degree of sustainability, and has been recognised and held up as best practice through a number of reports⁴.

EMRC is an example of how waste management functions have been delivered best at a regional scale. EMRC has been recognised and held up as best practice through a number of reports such as *"The Journey: Sustainability into the Future"* (WALGA, 2008) and *Ensuring the Future Sustainability of Communities* (Department of Local Government, 2006).

Consolidation of Regional Councils

EMRC's previously stated position to the State Government⁵ is that there is the opportunity and scope for **consolidation of the current five metropolitan Regional Local Governments down to three**. The groupings should be based on geographic clusters, similar to the EMRC's current membership regional boundary (refer Map 1). The benefit of this is that it represents a compact, contiguous region, which facilitates the successful provision of regional strategies and services, regional advocacy, regional partnerships and grant submissions and administration.

This option is also supported by the Forum of Regional Councils (FORC)⁶ whose position is that

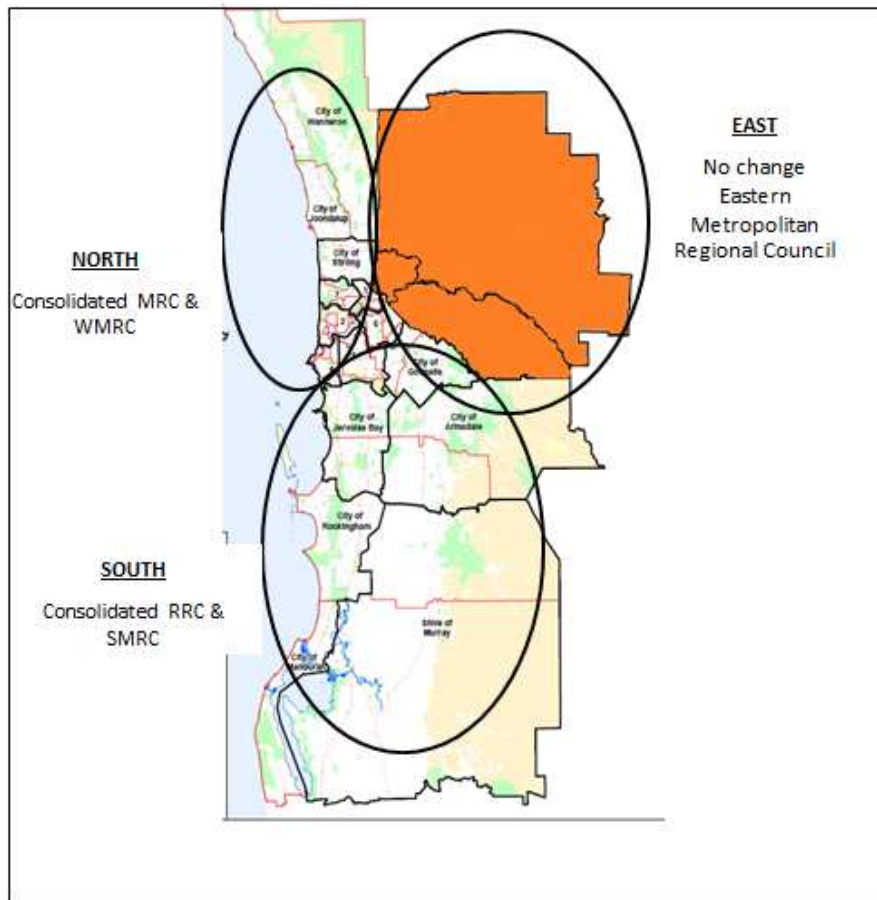
"consolidating Metropolitan Regional Local Governments to manage MSW would provide a level of resilience and achieve economies of scale for treatment and disposal without compromising the already high service provided by local government".

⁴ The Journey: Sustainability into the Future (WALGA, 2008) and Ensuring the Future Sustainability of Communities (Department of Local Government, 2006)

⁵ EMRC Response to the Metropolitan Local Government Review Panel's Final Report, March 2013

⁶ Submission on the Metropolitan Local Government Review Panel's Final Report (FORC, 2013)

The consolidation would result in MRC and WMRC forming into one Regional Council, RRC and SMRC forming into one Regional Council and EMRC remaining as is.



Map 1: Three Metropolitan Regional Councils

WALGA also holds a similar view and has stated that:

“The suggested approach is to reduce the current five Regional Councils to three. These Regional Councils would be northern, southern and eastern areas. Three Regional Councils are suggested to:

- *Ensure involvement of communities which have provided the significant investment in the development of AWTs*
- *Provide for synergies between collection and treatment*
- *Retain the considerable skills sets and experience in the area; and*

These Regional Councils have the advantage of over 30 years' experience and expertise in waste and, once consolidated, will also have the additional benefit of representing a compact, contiguous region, which will facilitate the successful provision of regional waste strategies, services and outcomes. The ability to engage with stakeholders for regional advocacy and regional partnerships would also continue.

Cost of dissolving Regional Councils

The value of Regional Councils has been demonstrated, as has their ability to provide wide scale services resulting in sustainable community outcomes.

If the State Government were to decide to dissolve the existing Regional Local Governments a number of critical and challenging matters would need to be considered, which include:

- The dissolution and winding up of Regional Local Governments has significant financial implications in relation to the division of assets and liabilities. For example local governments would need to be adequately reimbursed at a fair market value for all existing and committed waste infrastructure.
- Unwinding of existing contracts with the private sector.
- The challenge would be for the State Government to develop an appropriate valuation method to reimburse local governments for all existing waste infrastructure (landfill sites and alternative waste treatment facilities) owned by Regional Councils and individual local governments. In addition this would need to include the value of landfill airspace.
- All metropolitan Regional Councils have highly skilled and experienced employees with substantial experience in waste management. It is therefore considered essential that the employment of these highly skilled staff is protected. Each Regional Council would have terms and conditions and employee entitlements and benefits that are unique to each organisation, as well as applicable industrial instruments and arrangements including:
 - Local Government Industry Award 2010
 - Fair Work Act 2009
 - Local Government Act 1995 (Part 5, Division 4)
 - Contracts of Employment
- The consolidation of Regional Councils into three presents a lower risk than the creation of new ‘Statutory Waste Groups’. This approach is likely to ensure the ability to retain current employees with relevant skills, experience and knowledge within the industry. Furthermore it enables Regional Councils to position themselves as a desirable employer. A key consideration, under this option, is the ability to support and service current and future arrangements with the necessary skill sets and capabilities already available within the Regional Councils, who are operating in a highly competitive labour market.

Therefore the question to be asked is: how would the creation of new “*Statutory Waste Groups*” achieve anything that the existing regional councils are not already doing?

An Alternative Model

The DER Discussion Paper has put forward a model for how the “statutory waste groups” would operate and EMRC proposes an Alternative Model – “Regional Council Governance Model” (refer Diagram 1) with key points as follows:

- Under the alternative model proposed by the EMRC the existing five Regional Councils would be consolidated into three.
- The Regional Councils would not be limited to only coordinating the procurement of waste processing (as proposed by the DER) but would also have the flexibility to provide waste services (similar to what EMRC currently provides to its member Councils).

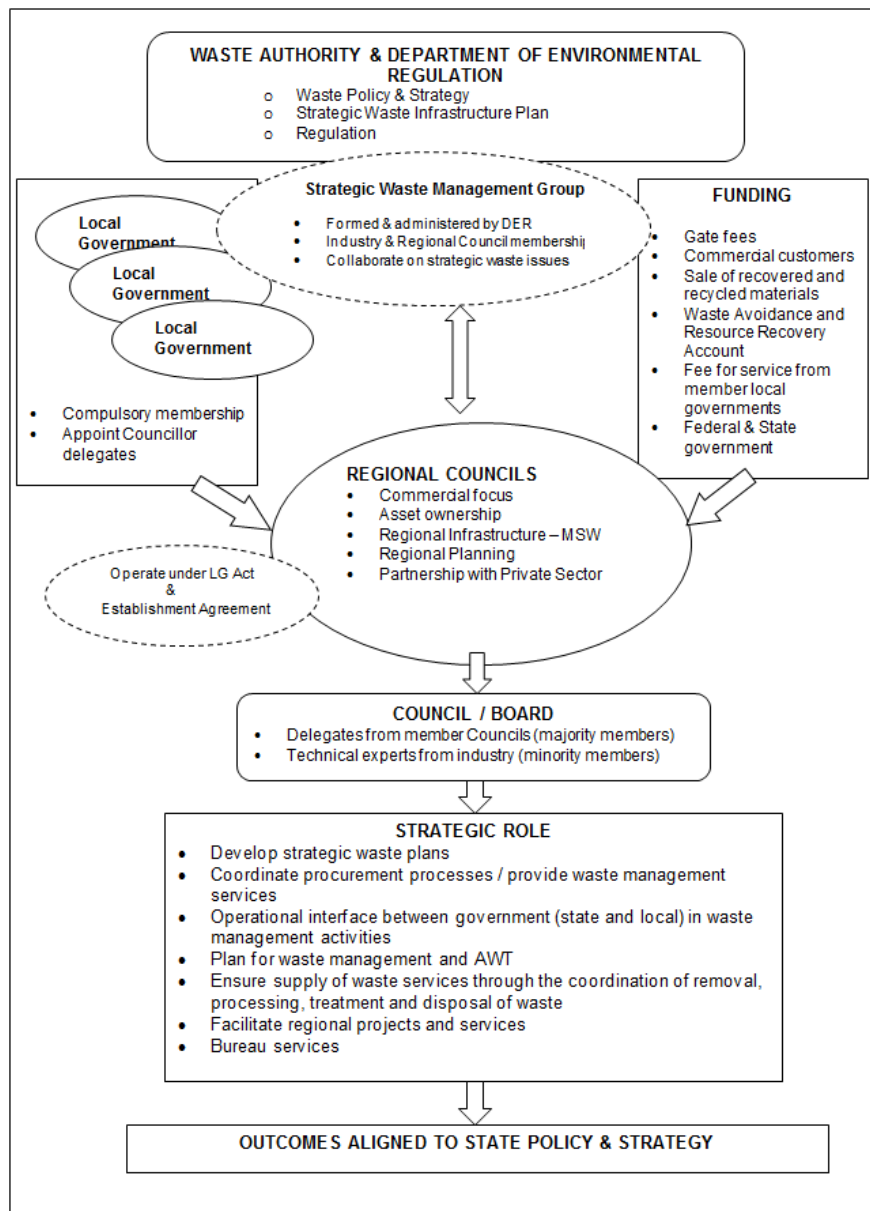


Diagram 1: Regional Councils: An Alternative Governance Model

Compulsory local government membership

As per the current legislative arrangements Regional Councils would be formed under the Local Government Act (LG Act) and operate in accordance with Establishment Agreements. As proposed by DER (and also supported by both FORC and WALGA) **compulsory local government membership of the Regional Council is recommended**, for the purposes of MSW management, treatment and disposal.

Funding and Governance

Regional councils' funding would be through gate fees, commercial customers, member Councils, Waste Avoidance and Resource Recovery Account grants and other sources. The Regional Councils would be governed by a Council or Board, comprising a majority of delegates from member local Councils as well as the ability to appoint industry experts to the Regional council/board. Transparent processes would be required the appointment of members (both councillors and external appointments). The Regional council/board's focus would be to deliver sustainable community outcomes. These would be achieved by putting in place strategic plans which are aligned to state policy outcomes.

Having a majority of elected members on each Regional Council allows the views and aspirations of residents and ratepayers to be represented in the performance of waste services provided, which would be vastly diminished or non-existent in the DER "Statutory Waste Groups" proposed model.

The DER would coordinate a metropolitan wide approach to waste through the administration of a Strategic Waste Management Group. The group would include membership from representatives of DER, Regional Councils and the waste industry representatives. The group would be administered by DER, and its role would be to collaborate on strategic waste issues affecting metropolitan Perth.

As shown in Diagram 1 the strategic role of the Regional Councils would be to:

- Develop strategic waste plans, aligned to state policy
- Coordinate procurement processes / provide waste management services
- Act as the operational interface between government (state and local) in waste management activities
- Plan for waste management and AWT

- Ensure supply of waste services through the coordination of removal, processing, treatment and disposal of waste
- Facilitate regional projects and services

Roles and Responsibilities

The Waste Authority (refer Diagram 2) would be responsible for the preparation and adoption of policies under statutory processes set out in the WARR Act. This would provide clear direction for the Regional Councils, who would be required to develop Regional Delivery Plans, identifying the actions necessary to meet the requirements of the metropolitan wide statutory plans. The Regional Councils would give 'due regard' to the provisions of the policies when making Regional Plans. These plans would be approved by the Waste Authority to ensure alignment of the Regional Plans with the metropolitan statutory waste management plan.

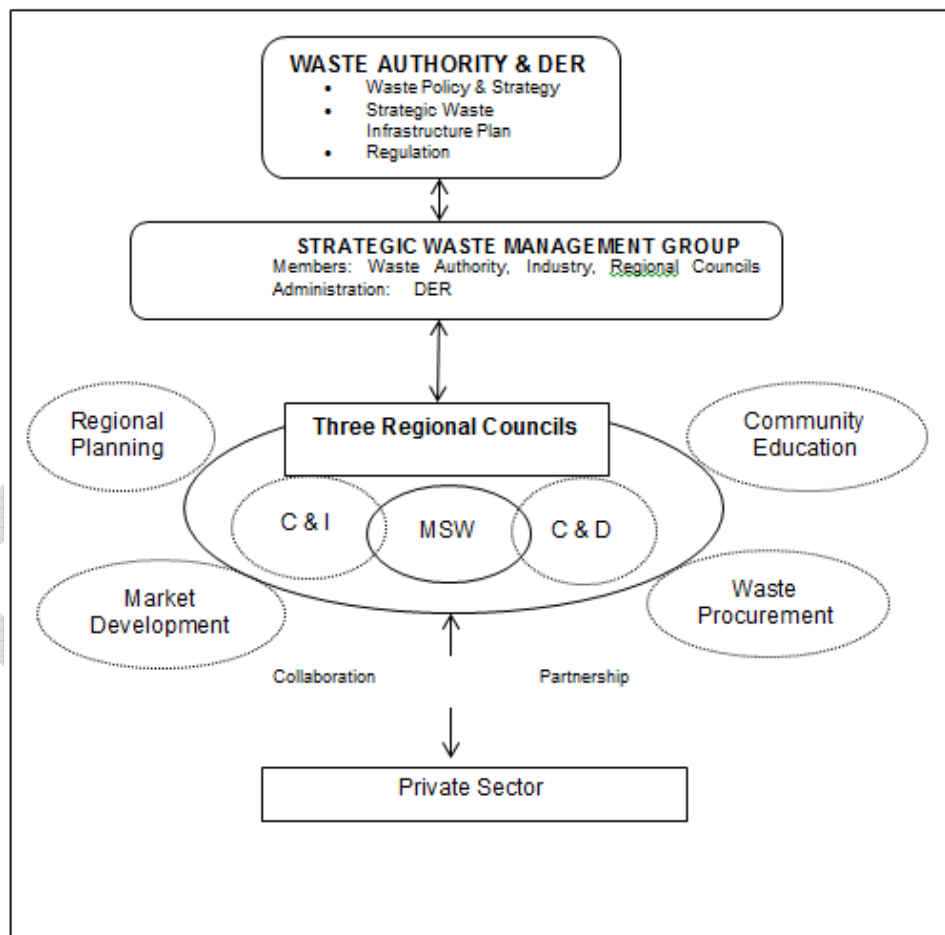


Diagram 2: Regional Councils: Role and Responsibilities

The role of Regional Councils would be to protect human health and environment by:⁷

“promoting the most efficient use of resources, including resource recovery and waste avoidance; and

(b) reducing environmental harm, including pollution through waste; and

(c) the consideration of resource management options against the following hierarchy –

(i) avoidance of unnecessary resource consumption;

(ii) resource recovery (including reuse, reprocessing, recycling and energy recovery);

(iii) disposal”.

Accordingly Regional Councils would:

- Develop Regional Plans that align with the State waste policy and strategy
- Participate in the Strategic Waste Management Group to develop strategies for responsible waste management
- Ensure community education results in behaviour change
- Develop and implement sustainable waste procurement
- Provide waste services where appropriate
- Create opportunities for competitive resource recovered markets
- Collaborate and partner with the private sector in creating sustainable waste management solutions

⁷ WAAR Act 2007

In brief, and as shown in Diagram 2 above the key roles and responsibilities of each body will be:

Entity	Responsibilities
Waste Authority	<ul style="list-style-type: none"> • Strategic Policy • Strategic Waste Infrastructure Plan
Department Environmental Regulation	<ul style="list-style-type: none"> • Regulation
Regional Councils	<ul style="list-style-type: none"> • MSW • Regional Infrastructure Planning (MSW, C&I, C&D) • Operations • Waste education • Market development • Waste procurement
Strategic Waste Management Groups	<ul style="list-style-type: none"> • Collaborate on metropolitan wide waste issues
Private Sector	<ul style="list-style-type: none"> • Partnership with Regional Councils

The Alternative Model proposed by the EMRC has significant advantages when compared to the model proposed by the DER as it covers all of the objectives in the Discussion Paper as well as building on the vast experience and extensive infrastructure already in existence within Regional Councils.

Procurement of waste services

The DER Discussion Paper states that the role of waste groups would be to *“coordinate the procurement of waste services to ensure that they are acquired at least cost and that competition is maximised”*.

Cost effective, competitive and sustainable services

A report commissioned by (the then) Department of Regional and Local Government stated that *“Regional Local Governments and organisations of councils provide economies of scale resulting in more effective waste management.”*⁸

Giving Regional Councils the authority to continue their implementation of waste solutions would maximise outcomes. This includes procuring waste processing services through various models, such as build/own/operate or public private partnerships. As previously discussed, the

⁸ Metropolitan Local Government Review – Issues Paper, October 2011

consolidation of the five existing Regional Councils into three (refer Map 1) would enable this to occur as the economies of scale possible will present viable business opportunities for both the Regional Councils and the private sector.

Additionally, the *Local Government Amendment (Regional Subsidiaries) Bill 2014* is currently in the WA Parliament and if enacted would enable Regional Councils to reduce some of the compliance costs they are currently burdened with and allow them to be more responsive to the requirements of their member Councils. Furthermore it would also enable the **appointment of technical experts to its Council / Board who are not elected members.**

Waste management is an essential service and best provided by local government in conjunction with Regional Councils. The private sector is profit driven and maximises profit by minimising costs, whereas Regional Councils provide sustainable and value for money services in response to community aspirations and demands. The EMRC for instance has a dedicated waste environmental team monitoring its Red Hill Waste Management Facility on a continuing basis to identify any issues and address them on a proactive rather than reactive basis. EMRC and MRC have post closure management plans in place for their facilities and cash reserve strategies to fund the required post closure activities. There is no requirement for the private sector to do the same thing. Regional Councils also consult extensively with the community in their strategic planning processes, project development initiatives and ongoing operational imperatives. Local government / Regional Council waste services continually rate highly in stakeholder satisfaction surveys. The EMRC's 2014 stakeholder satisfaction survey showed that in excess of 90% of stakeholders are extremely satisfied with the EMRC's waste management and waste education services.

The proposed EMRC model has the flexibility to allow services to be provided by Regional Councils where appropriate and to procure and encourage capital investment from the private sector where considered more cost effective. It also has the advantage of minimising the risk of the private sector focussing only on profit and moving in and out of the market due to fluctuating prices for recycled materials, which has resulted in numerous failures in the past. For example:

- **Colmax Glass Pty Limited – Glass Recycling**

Colmax commenced operating its glass recycling industry in 2010. The aim was to transform glass into high-value products suitable for a variety of uses. The intention was to process over 24,000 tonnes of glass per year, with supply to overseas markets as well as building local markets over a five year period. The company went into receivership in 2013 due to operational problems that led to losses due to limited trade and production

at the WA plant located in Kewdale. The Waste Authority invested \$2 million in this failed venture

- **CMA Corporation**

Scrap metal recycler, CMA Corporation, was placed in voluntary administration in 2013 due to the fluctuation of scrap metal prices, more competition from the sector and manufacturing downturn. CMA operated over a dozen recycling facilities across the country, employing more than 250 staff, and this was not the first time that the company had faced a financial crisis⁹.

The Future of Waste Infrastructure

Perth's population is projected to grow rapidly and is likely to reach approximately 3.5 to 4.2 million in the next 50 years¹⁰. EMRC acknowledges there will be the need for strategically located waste facilities, including secondary waste treatment infrastructure across metropolitan Perth, as this is vital to responsible environmental management. In its recent review of metropolitan local government the State Government acknowledged that:

“Despite increasing population,the proposed resource recovery target for municipal waste of 70% relies heavily on metropolitan Regional Councils providing continued investment in alternative waste technologies and increased collections”¹¹.

It is acknowledged that material recovery facilities will be required to manage the growth in waste. Regional Councils have already made significant investments into resource recovery solutions, through facilities that they manage. For example:

- EMRC's timber and mattress recycling facility at Hazelmere
- SMRC's Council's Canning Vale waste composting plant, MRF and greenwaste facility
- MRC's waste composting facility at Neerabup
- WMRC's contract with AnaeCo for a waste sorting and AD plant

Plans are also underway for the establishment of EMRC's Resource Recovery Facility and Rivers Regional Council has awarded a tender for its member Councils' waste to be treated by a private sector waste to energy facility.

9 Business Review Weekly, August 2013

10 Perth @ 3.5 Million and Beyond Discussion Paper (2011) Committee for Perth

11 Metropolitan Local Government Review (2011). Critical and Strategic Issues for Metropolitan Perth

The DER Discussion Paper states that *“Statutory Waste Groups will be required to operate in a manner that is consistent with a statutory waste infrastructure plan and targets in the Waste Strategy under the WARR Act”*.

A “Statutory Waste Infrastructure Plan” has been in the pipeline for some period of time and its release will provide clarity and direction to the EMRC and other Regional Councils.

Notwithstanding, EMRC has a strategic focus and as such waste plans consistent with the State Waste Strategy have already been developed. EMRC has also developed a Strategic Waste Plan as required under the Strategic Waste Initiative of the Waste Authority, which is focussed towards achieving the objectives of the State Waste Strategy. EMRC has a 10 Year strategic Plan which is supported by a long term financial plan, asset management plan and workforce plan. These plans are geared to make waste management more sustainable and are targeted towards achieving the goals of the State Waste Strategy.

CONCLUSION

EMRC strongly believes that waste is an essential service and fundamentally a core competency of local government, which is most effectively managed at a regional scale. The review of the WARR Act is seen as an opportunity to lay the foundations for improved waste governance and participate in genuine dialogue with the State Government. The State Government would be best served by acknowledging the wide-scale social, environmental and economic benefits that have been possible to date as a result of local governments collaborating with Regional Local Governments.

Regional Councils are progressive organisations with a distinguished history of leading the way in waste management. EMRC established the first landfill gas power station in Western Australia, the first mattress processing facility, the first woodwaste processing facility and carpet tile recycling facility etc. SMRC was the first organisation to have an AWT, well before the current private sector interest in the industry.

By fine tuning the Regional Council model as proposed within this submission, further significant benefits can be leveraged from the review process.

In addition, further consideration should be given to expanding the WARR Act review to include C&I and C&D waste streams, bringing about greater progress with Extended Producer Responsibility, the introduction of a Container Deposit Scheme and greater hypothecation of funds raised through the WARR Levy.

RECOMMENDATIONS

In response to the Discussion Paper EMRC recommends that:

1. The State Government NOT consider the creation of new “Statutory Waste Groups”;
2. The management of Municipal Solid Waste be undertaken by Regional Local Government;
3. Regional Local Governments be consolidated down from five to three based on contiguous, geographical clusterings;
4. It be compulsory for metropolitan local governments to be members of regional councils for waste management purposes;
5. Regional councils have the ability to appoint skills based members; and

Although not covered in the DER Discussion Paper, it is also recommended that:

6. Increases be made to the level of hypothecation of funds raised through the WARR Levy to facilitate strategic waste outcomes;
7. Review of the *WARR Act 2007* be expanded to address Commercial & Industrial and Construction & Demolition waste streams;
8. Extended Producer Responsibility initiatives be progressed; and
9. A Container Deposit Scheme be introduced.

GLOSSARY

Abbreviation	Meaning
AWT	Alternative waste treatment
C&D	Construction and Demolition
C&I	Commercial and Industrial
FORC	A voluntary alliance comprising the Eastern Metropolitan, Western Metropolitan, Southern Metropolitan, Mindarie and Rivers Regional Councils and the City of Greater Geraldton.
EMRC	Eastern Metropolitan Regional Council
MRC	Mindarie Regional Council
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
SMRC	Southern Metropolitan Regional Council
RRF	Resource Recovery Facility
OEPA	Office of Environmental Protection Authority
WALGA	Western Australian Local Government Association
WMRC	Western Metropolitan Regional Council

For questions and clarification regarding this submission please contact:

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DRAFT



14.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: D2015/01122

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

1 REGIONAL SERVICES

- 1.1 REGIONAL DEVELOPMENT ACTIVITY REPORT OCTOBER – DECEMBER 2014
(Ref: D2015/01962)
- 1.2 ENVIRONMENTAL SERVICES ACTIVITY REPORT - OCTOBER – DECEMBER 2014
(Ref: D2015/01963)
- 1.3 COOPERATIVE RESEARCH CENTRE FOR WATER SENSITIVE CITIES CONFERENCE
(Ref: D2015/01961)
- 1.4 HELPING THE HELENA – ESTABLISHING A BASELINE FOR WATER QUALITY POLLUTANTS FOR LINKAGES IN FISH AND MUSSEL DECLINE (Ref: D2015/01964)
- 1.5 TRANSPORT ISSUES IN PERTH'S EASTERN REGION – COMMUNITY ENGAGEMENT EXERCISE (Ref: D2015/01965)

2 CORPORATE SERVICES

- 2.1 CORPORATE BUSINESS PLAN 2013/14 – 2017/18 PROGRESS REPORT
(Ref: D2015/01068)

RECOMMENDATION(S)

That Council notes the items contained in the Information Bulletin.

The Chairman advised he was impressed with the reporting standard in the Information Bulletin, especially Item 1.4 Helping The Helena – Establishing A Baseline For Water Quality Pollutants For Linkages In Fish and Mussel Decline and commended all staff in Regional Services for a job well done.

COUNCIL RESOLUTION(S)

MOVED CR ZANNINO

SECONDED CR CUCCARO

THAT COUNCIL NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN.

CARRIED UNANIMOUSLY



INFORMATION BULLETIN

Accompanying the
Ordinary Meeting of Council Agenda

19 February 2015

COUNCIL INFORMATION BULLETIN

19 February 2015

(REF: D2015/01122)

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1 REGIONAL SERVICES

1.1 REGIONAL DEVELOPMENT ACTIVITY REPORT OCTOBER TO DECEMBER 2014

REFERENCE: D2015/00396 (CEOAC) – D2015/01962

PURPOSE OF REPORT

To provide a progress report on the activities undertaken by the Regional Development Business Unit for the period 1 October 2014 to 31 December 2014.

KEY ISSUES

Achievements highlighted for the period 1 October 2014 to 31 December 2014 include:

- Phase Two of the Curtin University research partnership 'Integrating Future Land Use to Proposed Public Transport Infrastructure' has been completed. A final report is expected in February 2015.
- The Lotterywest funding application for the 2015 Perth's Autumn Festival has been approved. The application involves the Cities of Bayswater, Belmont and Swan.
- The Perth's Autumn Festival program has been expanded to include a range of appropriate events in the region becoming part of the program as fringe events. Currently there are 17 events confirmed in the program for 2015.
- The Lotterywest funding application for the Avon Descent Family Fun Days has been submitted and has been reduced to \$155,500 in line with the approach taken by Lotterywest.
- The perthtourism.com.au website continues to be monitored and managed.
- The Regional Integrated Transport Strategy 2014-2016 was finalised in conjunction with the RITS IAG and presented at the October 2014 Council meeting.
- The Digital Exemplar videos on business utilisation of technology were launched on 13 November 2014.
- The pilot QR code project has been launched and progress is being monitored to gauge the level of interest.
- The successful third tour in the "Advancing Perth's Eastern Region" series was held in the City of Swan on 6 November 2014.
- The collaborative mapping community engagement around transport issues in Perth's Eastern Region has concluded with over 400 comments provided during the consultation period. A final report on the findings will be prepared in February 2014.

SOURCE OF REPORT

Director Regional Services
Manager Regional Development

BACKGROUND

The Regional Development Business Unit partners with member Councils and key stakeholders to facilitate strategies, projects and activities for the benefit and sustainability of Perth's Eastern Region. Regular progress reports are provided to advisory groups, committees and councils to ensure ongoing and effective communication.



Item 1.1 continued

Two advisory groups; the Economic Development Officers Group (EDOG) and the Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG) meet regularly to consider regional economic development matters and assist in guiding EMRC strategies. Representation from each participating member Council and the EMRC constitute each group's membership.

REPORT

The Regional Development Activity Report aligns the *Business Unit Action Plan* actions and the objectives and strategies of the *EMRC 2022 – 10 Year Strategic Plan*. Activities of the Regional Development Business Unit focus on member Council priorities, key strategies and regional projects including the following:

- Regional Transport Planning;
- Regional Economic Development;
- Regional Digital Strategy;
- Regional Events; and
- Regional Advocacy.

Strategy: 2.1.1 Promote Perth's Eastern Region as a tourism destination

Action: Manage PerthTourism.com.au regional tourism website

The Perth Tourism website <<http://www.perthtourism.com.au>> is managed by the EMRC to promote events, trails and experiences in Perth's Eastern Region to visitors and residents. The site is available in English, Japanese and simplified Mandarin. The website provides information on the region and directs visitors to member Councils' websites and to the Mundaring, Perth Hills and Swan Valley Visitor Centres.

From October 2014 to December 2014 the perthtourism.com.au website achieved a 22% increase in visitation when compared to the same period last year. The Japanese site visitation increased 200% when compared to the same period last year. Since the launch in September the Chinese site has received over 300 unique visitors.

Strategy: 2.1.2 Develop and promote regional events

Action: Coordinate the Avon Descent Family Fun Days

The 2014 Avon Descent Family Fun Days Lotterywest grant acquittal has been submitted to Lotterywest. Meetings have been held with Lotterywest and participating Councils to discuss the future of Lotterywest support for the events. Lotterywest is facing unprecedented budget demands and is looking to reduce the size of long-standing grants. A grant request for \$155,500 has been submitted to Lotterywest for the 2015 Family Fun Day events in accordance with Lotterywest's request for the grant application to be reduced. The EMRC will continue to work on behalf of participating councils for the best possible funding outcomes.

Action: Coordinate the Perth's Autumn Festival

The EMRC submitted an application to Lotterywest seeking \$20,000 (ex GST) to support the staging cost of three events: the Cities of Belmont and Bayswater's 'Autumn River Festival' and the City of Swan's 'Bike in the Valley'. This grant was approved and formally presented to the EMRC on 15 December 2014.



Item 1.1 continued

Sponsorship has been sought to increase the overall marketing of the events in 2015 and the program will be expanded to include 'fringe' events such as local markets, exhibitions and community events while maintaining the focus on the 'core' council events. With multiple events on every weekend throughout autumn, promotion of the festival will aim to highlight all aspects of the region and increase the profile of the region as a fantastic place to live and visit. Smaller community events with limited marketing budgets will receive additional exposure and be able to leverage off the regional marketing campaign providing additional value across the region.

Perth's Autumn Festival events are still being finalised however as at the end of December they include:

- Town of Bassendean
 - Community Event TBC (Core Event); and
 - Old Perth Road Markets x 2.
- City of Bayswater
 - Autumn River Festival (Core Event)
- City of Belmont
 - Autumn River Festival (Core Event)
- Shire of Kalamunda
 - Bickley Harvest Festival (Core Event);
 - Kalamunda Farmers Markets x 4;
 - Zig Zag Gallery Exhibitions x 4; and
 - Darlington Chamber of Music Concert.
- Shire of Mundaring
 - Mundaring Sunday Markets; and
 - Nearer to Nature Easter Bilby Family Fun Day.
- City of Swan
 - Bike in the Valley (Core Event);
 - Vintage Weekend in the Swan Valley (Core Event);
 - Guildford Markets x 4;
 - Guildford Heritage Festival;
 - Envirofest;
 - World's Biggest Playgroup Day; and
 - Classic Car Show.

A new banner and style have been created utilising the existing Perth's Autumn Festival logo. These marketing elements are available for use by member Councils to increase consistency across event advertising.

Strategy: 3.1.1 Facilitate implementation of the Regional Integrated Transport Strategy

Action: Review and update Priority Roads Projects to align with Main Roads Western Australia and member Council priorities

The Priority Roads List has been developed and reviewed in consultation with the RITS IAG comprising member Council technical staff and key stakeholders including Main Roads WA, the Public Transport Authority, Department of Planning and Department of Transport. Meetings have been held with member Councils to discuss priority projects that require advocacy by the EMRC and these identified priorities and associated timeframes have been included in the RITS 2014-2016 and approved by the RITS IAG members.



Item 1.1 continued

Action: Engage with Curtin University to produce research that highlights the needs and benefits of public transport infrastructure investment in Perth's Eastern Region – Phase Two

The Curtin University study *Integrating Future Land Use to Proposed Public Transport Infrastructure* was built on research previously undertaken in 2010. The findings paralleled routes identified in the State Government's *Public Transport Plan for Perth 2031*, including the Airport to Forresterfield, Ellenbrook and Midland to Mundaring rapid transit corridors.

A series of stakeholder engagement events, utilising GIS mapping developed in Phase One, encouraged the community, developers and representatives from state and local government to envision the future development of land along the routes and future station locations and facilities.

The Curtin University final research report will be released in early 2015 for use by member Councils to support future funding applications and/or underpin regional transport advocacy at local, state and federal levels by the EMRC on behalf of the participating member Councils.

Action: Regional Integrated Transport Strategy Redevelopment

The final draft of the Regional Integrated Transport Strategy 2014-2016 was agreed upon by the RITS IAG and presented at the October 2014 Council meeting for endorsement and to proceed to design, printing and dissemination phases.

The RITS (2010-2013) underwent an extensive review during 2013 and the first half of 2014. This process included a full consultant review followed by workshops around key focus actions and priorities with the RITS IAG members. The RITS 2014-2016 was developed as a result of the reviews and the input provided at the RITS IAG workshops and will guide advocacy priorities and promote key infrastructure projects to be undertaken during 2014-2016.

Action: Transport Research Project - Perth's Eastern Region Transport Engagement

Perth's Eastern Region Transport Vision highlights the desired infrastructure, public transport and active transport networks in Perth's Eastern Region. The EMRC has undertaken a community engagement process through utilisation of a collaborative mapping tool, affording residents with the opportunity to highlight desired improvements to the transport network. The key infrastructure improvements highlighted through the community and key stakeholder engagement will be presented to member Councils and will be used as an advocacy tool for transport improvements and initiatives in Perth's Eastern Region.

Action: Conduct Travel Demand Management educational forums to encourage businesses to develop programs such as Employee TravelSmart Plans

The 3-year TravelSmart program will conclude in mid-August 2015. This program will cease to exist thereafter unless further funding can be identified to continue part funding the TravelSmart Officer position.

The TravelSmart Workplace program assists workplaces to promote active, sustainable travel to employees, clients and visitors. Helping more people walk, cycle, use public transport or carpool to the workplace can improve access and a sense of community, boost healthy activity and reduce traffic and pollution. A Regional TravelSmart Plan was developed to assist the EMRC and its member Councils including TravelSmart related information into ongoing activities.

TravelSmart workplace travel plans have also been developed for Bassendean and Kalamunda with the EMRC awaiting final sign off by the Shire of Kalamunda on its plans.

A TravelSmart business cluster travel plan has also been developed for Maylands. This includes development of a concept Business Directory/Transport Access Guide as a result of foundation work with the Maylands Activity Centre and these Guides will be further progressed in 2015. An audit of existing facilities in the City of Swan, in particular bicycle lanes, shared paths and bicycle parking locations was undertaken to enable the City to update their TravelSmart Map.



Item 1.1 continued

Action: Develop innovations in the promotion of travel alternatives such as walking, cycling and public transport

The EMRC's TravelSmart Officer in conjunction with the City of Swan and the Department of Transport, assisted in the updating of the City of Swan's TravelSmart Map. The Map is now complete and hard copies are available from the City of Swan. Electronic versions are available online on the City of Swan's, the EMRC's and the Department of Transport's websites.

In June 2014, portable bicycle parking rails were purchased by the EMRC for use at events throughout the Region. The availability of the bicycle parking rails has assisted member Councils promote cycling at their community events. These bike rails have been utilised and well received at several events including: The City of Swan's Great Day Out, The City of Bayswater's Feature at the RISE and the Town of Bassendean's Summer Edge.

To further promote the use of these bicycle racks at local community events, "bike friendly event" branding is under development and a dedicated "bike friendly event" page will be created and placed within the perthtourism.com.au website.

The EMRC has submitted a grant application to West Cycle to operate a 'bicycle valet' service at local food and hawker markets across the Region during Bikeweek 2015. These will run in conjunction with Perth's Autumn Festival's Fringe Event Program and will utilise the bicycle rails and "bike friendly event" branding.

Strategy: 3.3.5 Implement Regional Economic Development Strategy

Action: Implement actions from the Regional Digital Strategy

The latest actions from the Regional Digital Strategy include the launch of the Digital Exemplar Videos and a pilot Quick Response (QR) Code project as well as the development of the Business Case for Coworking Spaces in Perth's Eastern Region.

The QR pilot project was launched in line with the summer school holidays, providing an opportunity for families to get out and enjoy the warmer weather and find out more about their region. More information can be found on the Perth Tourism website <www.perthtourism.com.au/eric.html>.

The Digital Exemplar Video series has been completed and was launched on 13 November 2014. The project advocates opportunities arising from utilising digital technologies to the broader business community, elicited from their peers. The launch was well received by those in attendance.

Action: Coordinate Mini-Showcase Series (formerly Industrial Tours)

The third successful showcase tour in the "Advancing Perth's Eastern Region" series was held on 6 November 2014 showcasing significant developments in the central hub area of Midland and the Swan Valley. The tour covered key developments including the new St John of God Midland Hospital Development, Midland Gate Expansion, Midland Oval redevelopment and MRA development of the historic railway precinct. The tour received positive feedback, particularly with regards to the unique opportunity to tour the hospital and see various stages of development.

Given the size of the City of Swan's geographical spread a second tour of the City will be held in the first half of 2015 to showcase the development areas of Ellenbrook, Malaga and possibly South Bullsbrook.

Action: Provide regional profile tools to EMRC and member Councils

The EMRC continues to coordinate REMPLAN, id.Profile and id.Atlas subscriptions to enable member Councils and the EMRC to obtain relevant regional economic and social-demographic profiling data. The data is utilised when preparing industry and council profiles, completing detailed data analysis and preparing grant applications and funding submissions.



Item 1.1 continued

Training was carried out at the EMRC by REMPLAN and id. Profile training providers for member Councils and EMRC staff in 2014 to ensure users were kept up to date with the software, its capability and the program content. Further training opportunities are being planned for 2015.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

Key Result Area 3 – Economic Development

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

Key Result Area 4 – Good Governance

- 4.1 To provide advice and advocacy on issues affecting Perth's Eastern Region

FINANCIAL IMPLICATIONS

The funding to facilitate Regional Development projects and activities is developed and agreed with member Councils as part of the annual budget and review process and included in the 2014-2015 EMRC operating budget.

SUSTAINABILITY IMPLICATIONS

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

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	Ongoing member council officer time is required to provide advice and information to the EMRC, through EDOG and RITS IAG to ensure projects are being delivered in accordance with member Council expectations.

ATTACHMENT(S)

Nil



1.2 ENVIRONMENTAL SERVICES ACTIVITY REPORT OCTOBER TO DECEMBER 2014

REFERENCE: D2015/00098 (CEOAC) – D2015/01963

PURPOSE OF REPORT

To provide a quarterly progress report on the strategies and activities being undertaken by the Environmental Services Business Unit for the period 1 October 2014 to 30 December 2014.

KEY ISSUE(S)

Achievements highlighted for the period 1 October 2014 to 30 December 2014 include:

- A water audit of the City of Belmont's Peet Park facilities was completed.
- A staff sustainability program focusing on water use and efficiency was run during National Water Week in October for the City of Bayswater and the Shire of Mundaring.
- The Swan Alcoa Landcare Program 2015 funding for the Priority Tributaries Restoration Project was successful for \$9,900.
- Funding was sought for bushland revegetation and street tree plantings under the Australian Government's 20 Million Trees Program.
- An application for the second round of Green Army was submitted for the City of Bayswater.
- The Bush Skills for Youth program received Lotterywest grant funding of \$53,155.
- An event was held at Bilgoman Aquatic Centre in the Shire of Mundaring celebrating the completion of energy efficiency upgrades and officially reopening the centre.
- A review of the home energy audit kits was completed.
- Investigations into alternative suppliers of energy and water reporting systems was undertaken.
- Development of the next climate change risk awareness seminar commenced and will focus on heatwaves and their impacts on human health and the environment.
- A status review of the Local Climate Change Adaptation Action Plans is being undertaken.
- Work continued on the development of a Regional Urban Canopy Program.
- A presentation on Aboriginal engagement and consultation was delivered to the South East Regional Centre of Urban Landcare.

SOURCE OF REPORT

Director Regional Services
Manager Environmental Services

BACKGROUND

The EMRC Environmental Services Business Unit reports on key strategies and activities on an ongoing basis. The EMRC 2022-10 Year Strategic Plan provides the framework for reporting under the objectives "to contribute towards improved regional air, water and land quality and regional biodiversity conservation" and "to address climate change issues within the region".



Item 1.2 continued

The projects relevant to Environmental Services primary activities include:

- Eastern Hills Catchment Management Program (EHCMP);
- Water Campaign™;
- Community Energy Efficiency Program (CEEP);
- Achieving Carbon Emissions Reduction Program (ACER);
- Future Proofing Project (Regional Climate Change Adaptation Action Plan);
- Swan and Helena Rivers Management Framework;
- Sustainability and Environmental Education Program;
- Provide environmental consultancy services; and
- Regional environmental advice and advocacy.

REPORT

Activities of the Environmental Services Business Unit focus on a number of key strategies and projects that are agreed as regional priorities by member Councils as part of the annual consultation and budget development processes.

All of the Environmental Services strategies emanate from the EMRC's *10 Year Strategic Plan* and all activities and projects are listed in the *Regional Environment Strategy 2011-2016* and annual Business Unit Plan which becomes the source document for guiding the work of the Business Unit throughout the year.

Strategy: 1.5.1 Implement Regional Environmental Strategy 2011-2016

Action: Implement Regional Environmental Strategy

The Regional Environmental Strategy continues to be implemented. The annual Regional Services Funding Summary was developed and provided to Council at the 4 December 2014 meeting. A new program has been proposed for 2015/2016 being the Regional Urban Canopy Program.

Action: Provide an Energy Auditing Service

No energy audits were undertaken during this reporting period.

Action: Provide Water Auditing Service

A water audit of the City of Belmont's Peet Park facilities was undertaken including an on-site inspection and electronic data logging. This audit forms part of the City's post Water Campaign project plan.

Action: Develop and Implement the Sustainability and Environmental Education Program to Member Councils

Opportunities for local government involvement with the Australian Sustainable Schools Initiative (AuSSI-WA) were outlined in a proposal given to the Department of Education for comment. The proposal was provided to school principals at a Principal's Networking Forum at the Shire of Mundaring to determine priority areas for involvement in schools and to gauge interest in participation. The proposal was discussed further at AuSSI-WA Alliance meetings in October and December. A review of the AuSSI-WA Regional Network Groups identified the need to establish a Regional Network Group for schools in the Morley area. Seven Community Sustainability Workshops were conducted from October to December for the City of Bayswater. Meetings were held with City of Bayswater and Shire of Mundaring to identify priorities for their sustainability programs. A staff sustainability program focusing on water use and water efficiency was run during National Water Week in October for the City of Bayswater and the Shire of Mundaring.



Item 1.2 continued

Strategy: 1.5.2 Continue to Implement the Eastern Hills Catchment Management Program

Action: Co-ordinating Activities for Helping the Helena

The Helping the Helena final project report was reviewed by project partners Department of Water and the Swan River Trust. The final report and independent auditors report was provided to the State NRM Office. The final report will be placed on the EMRC website.

Action: Co-ordinate and Implement Eastern Hills Catchment Management Program (EHCMP)

Grant funding

- The Swan Alcoa Landcare Program 2015 funding for the Priority Tributaries Restoration Project in Woodbridge, Lesmurdie and Stoneville was successful for \$9,900;
- Funding was secured for Friends of Piesse Brook with assistance by EMRC for a small grant from Perth Region NRM for interpretive signage repair in the Kalamunda National Park;
- A National Landcare 25 Year Anniversary grant application was submitted for the Shire of Mundaring to implement a small scale black cockatoo revegetation project on Jarrah Creek in Mundaring;
- 20 Million Trees funding was sought for bushland revegetation and street tree plantings for the City of Bayswater, City of Belmont, Town of Bassendean and Shire of Mundaring. The project sought \$100,000 from the Federal Government's Department of Environment, unfortunately it was unsuccessful; and
- An application for the second round of Green Army was submitted for the City of Bayswater. If successful, this project will start in June 2015 following the completion of the first round of Green Army activities.

Events

- The End of Year Volunteer Event was a success with 120 guests attending from 46 Friends/Catchment groups and a number of Councillors representing the region. Blackadder Woodbridge Catchment group launched their non-chemical weeding booklet titled 'The Bush is a Garden'. The 2015 Bush Skills for the Hills program was launched at the event with 10 new workshops.
- Presentations were provided to Perth Region NRM and the State NRM Office.
- The final Bush Skills for the Hills workshops for 2014 were held with Native Grasses and Advanced Native Grasses workshops.

Action: Co-ordinate Activities for Marri Canker Research Project

Liaison continued with Murdoch University on the Marri canker treatment trials. Trial sites have been chosen and trials will begin in 2015.

Action: Co-ordinate and Implement Community Led Project (Swan River Trust)

Bi-monthly meetings were attended for Jane Brook, Helena River, Blackadder Woodbridge Catchment Groups and the Lower Helena Association and Friends of Piesse Brook. A number of catchment group sites have been identified for water sampling. The water quality data will be recorded as part of a long term Sampling Analysis Plan for each group. This will help determine if the ongoing restoration work that the catchment groups are undertaking is having an effect on water quality and assist in reporting requirements to the Swan River Trust.

Blackberry weed mapping at 11 private properties was undertaken in the fire affected areas of Dowies Creek within the Shire of Mundaring. These properties will be targeted for weed control if the State NRM Post Fire Recovery Grant is successful. Private landholders have been assisted with information provided on weeds and fire, re-vegetation projects, tree decline and keeping of stock.



Item 1.2 continued

Action: Undertake Eastern Hills Catchment Management Program (EHCMP) marketing and promotional activities

Conservation Volunteers Australia attended a Native Grass introduction workshop. Morley Girl Guides received an interactive workshop involving a catchment model and a macro-invertebrate sampling activity. Young participants had a chance to learn about water quality, catchment management and volunteering relevant to the eastern region. Planting day flyers were presented on the day and subsequently a family later attended a planting day in South Guildford. Morley Girl Guides are also interested in being involved in the Bush Skills for Youth program. The EHCMP team attended the Swan River Trust Sub-regional Coordinator's tour of the City of Bayswater's key project sites in November.

Action: Develop and Implement Youth Programs (NRM)

The Bush Skills for Youth two year pilot program received Lotterywest grant funding of \$53,155. The program will commence in January 2015 and involve a series of landcare, catchment and environmental workshops in Perth's Eastern Region for youth between the ages of 8-16 years. These workshops will raise environmental awareness, promote volunteering and have a positive impact on the environment in the long-term. The program will provide youth with leadership opportunities and a chance to be engaged within their local community.

Action: Implement the Dam Restoration Project

The Dam Restoration projects were not successful grant recipients for State NRM funding announced on 24 December 2014.

Action: Co-ordinate activities for the Green Army Program

A meeting was held between EMRC and the Green Army Service Provider BJL Connecting Communities to communicate member Council questions and to determine dates and logistics for project delivery. A program of works is currently being developed.

Strategy: 1.5.3 Implement the Water Campaign

A Water Sensitive Urban Design (WSUD) tour organised by the Department of Water was attended to increase knowledge and application of WSUD principles.

Action: Co-ordinate and Implement Water Campaign for City of Bayswater

Corporate and community water consumption data for 1999/2000 – 2013/2014 financial years was obtained from Water Corporation for a re-inventory of water use for Milestone 5 of the Water Campaign. Meetings were held with the City to review and update water account information. Groundwater use and licence information was included in the re-inventory. A case study on the Bayswater Brook Local Water Quality Improvement Plan and associated projects, such as the Eric Singleton Nutrient Stripping Wetland Project commenced and is being written in consultation with the City. This information will be provided to Water Corporation as part of the City's Waterwise Councils submission and to the International Council for Local Environmental Initiatives as part of Milestone 5 of Water Campaign.

Action: Co-ordinate and Implement Water Campaign for Town of Bassendean

Liaison regarding water audits of the Town's community buildings was undertaken as part of the "Free Non-Residential Waterwise Retrofit Program" funded by the Water Corporation. The decision on how many and/or the extent of retrofits and recommendations from the audits which will be approved or implemented are pending. Relevant documents were provided as evidence to Water Corporation as part of the Waterwise Council application.



Item 1.2 continued

Action: Co-ordinate and Implement Water Campaign for City of Belmont

A water audit of the City of Belmont's Peet Park facilities has been undertaken including an on-site inspection and electronic data logging. The water audit report is expected to be completed in the following quarter. Up to-date water consumption data has been obtained from Water Corporation and the process of corporate data analysis has been started.

Action: Co-ordinate and Implement Water Campaign for Town of Victoria Park

Following a Waterwise Council Forum at the Water Corporation, case studies on water efficiency practices for aquatic centres, such as the use of pool backwash, were provided to the Town for consideration at the Aqualife Centre. A meeting was held with the Town to determine priorities to progress the implementation of the Town's Water Action Plan. Research into a Water Conservation Policy to require upgraded council amenities to have water saving devices commenced.

Action: Co-ordinate and Implement Water Campaign for the City of Swan

Liaison with City staff occurred to obtain information on the water action progress as part of Milestone 4. A meeting with the Water Team was held as part of a minor review of the Water Action Plan (WAP). Up to-date corporate and community water consumption data was obtained to assist with progress reporting, identifying the top 20 accounts and deciding on future water audits to be undertaken. Two additional meetings were held with the City to discuss and make decisions regarding the minor review of the WAP. Liaison occurred with Water Corporation and relevant City staff regarding the Waterwise Council Program, obtaining relevant information required to meet the criteria.

Action: Co-ordinate and Implement Water Campaign for the Shire of Mundaring

Liaison regarding water audits of the Shire's community buildings was undertaken as part of the "Free Non-Residential Waterwise Retrofit Program" funded by the Water Corporation. The decision on how many and/or the extent of retrofits and recommendations from the audits which will be approved or implemented is pending. Relevant documents were provided to Water Corporation as part of the Waterwise Council Re-Endorsement Application. Assistance was provided with the Shire's participation in the National Water Week. A meeting was held regarding the water action progress and discussed potential new actions to be implemented.

Action: Participation in the Cooperative Research Centre (CRC) for Water Sensitive Cities

The CRC Programs are currently under review by the Australian Government. EMRC provided a submission emphasising the benefits of the CRC for Water Sensitive Cities to local government, in particular the provision of access to the latest research and training in relation to best practice water management. The inaugural CRC for Water Sensitive Cities Conference was held in Melbourne in October 2014. The conference showcased the outputs from the research projects and learnings in developing context-specific solutions. The CRC quarterly Regional Advisory Panel meeting was attended, in addition to a forum at UWA in December 2014 with a number of speakers from Water Corporation presenting on the issue of climate resilience.

Strategy: 1.5.4 Identify, Investigate and Develop New Environmental and Sustainability Opportunities

Action: Co-ordinate EMRC's Community Energy Efficiency Program (CEEP)

Town of Bassendean undertook their final reporting regarding the upgrade of street lighting on Old Perth Road. The Sage Consulting report confirms that the street lighting on Old Perth Road has been upgraded to AS/NZS 1158 Category P3. With fifty 28.5 W LED luminaires and six 60 W LED luminaires, the total power is now 1.785 kW. This is an energy efficiency gain of 62% from the original lighting.



Item 1.2 continued

An event was held at Bilgoman Aquatic Centre in the Shire of Mundaring on 28 November 2014 acknowledging and celebrating the completion of energy efficiency upgrades undertaken in conjunction with their major works and officially reopening the centre. These upgrades were a milestone for the Re-energising Perth's Eastern Region project as they completed installations across the region under the Australian Government's Community Energy Efficiency Program. Attending the event from the Department of Industry was Mr Gene McGlynn, General Manager Energy Programs and Program Owner of the Community Energy Efficiency Program, along with other guests including the Hon Alanna Clohesy MLC, Member for East Metropolitan Region and the Hon Michelle Roberts MLA, Member for Midland. EMRC Councillors joined Councillors from the City of Swan and Shire of Mundaring along with CEOs and senior staff, contractors, industry representatives and community members. The Milestone 7 report was prepared and submitted to the Department of Industry at the end of November. This milestone included the reporting activities for Town of Bassendean and purchase and installation activities for the Shire of Mundaring, as well as launch, promotion and signage activities for the City of Bayswater.

Action: Seek Funding and Business Opportunities Relating to Water Quality and Water Conservation

The Shire of Kalamunda Water Conservation Review and Recommendations fee for service project involved a review of recent water consumption data, development of new water goals and targets, review of past water actions and identification of potential new actions. Staff consultation was carried out in the form of a workshop in order to agree on the goals, identify new actions and create a sense of project ownership. A report has been produced providing background information along with a statement of new goals and targets, list of potential actions and recommendations towards achievement of those goals.

Strategy: 1.6.2 Implement Achieving Carbon Emissions Reduction (ACER) Program

A street lighting discussion paper was released by WALGA for public comment and a response from EMRC on behalf of member Councils is being developed. The Greensense/WALGA November Steering Committee meeting was deferred to early in the next quarter.

Greensense Consulting advised that the Emissions Reporting Platform technology will no longer be supported by Microsoft and suggested the Platform transition to Greensense View technology. As a result, investigations into alternative suppliers, Kinesis - CCAP and Planet Footprint - Scorekeeper have occurred and information provided to all member Councils. Greensense has also provided information as to how the Platform transition would occur and information has also been provided.

Action: Co-ordinate and Implement the ACER Program for the City of Belmont

A review of the home energy audit kits available to the community at the City's library was conducted and the kits were promoted at a workshop external to the City.

Action: Co-ordinate and Implement the ACER Program for the EMRC

The emissions generated by the Ascot Place fleet and air travel (81 t CO₂-e) were offset through Carbon Neutral.

Action: Co-ordinate and Implement the ACER Program for the Town of Bassendean

A review of the home energy audit kits available to the community at the Town library was conducted and the kits were promoted at a workshop external to the Town. Information regarding solar PV suppliers was provided.



Item 1.2 continued

Action: Co-ordinate and Implement the ACER Program for the City of Bayswater

A review of the home energy audit kits available to the community at the City's libraries was conducted and the kits were promoted at a workshop external to the City. Analysis of Platform data has been conducted with a focus on gaps and high energy use accounts. A report of the 20 highest using accounts was provided to the City.

Action: Co-ordinate and Implement the ACER Program for the Shire of Mundaring

A gap analysis of Emissions Reporting Platform data was conducted and data was collected and formatted for input to the Platform.

Action: Promote ACER Program to Small Businesses, Member Councils, Client Councils and External Organisations

The Energy Smart at Home community workshop, run under the Sustainability and Environmental Education Program, at the City of Bayswater provided an opportunity to promote ACER and the ACER home energy audit kits to the community.

Action: Co-ordinate and Implement the Carbon Reduction Strategy Review Project for Shire of Kalamunda

A workshop was organised for engaging Shire management staff in the development of actions which will assist in the reduction of carbon emissions. The workshop was well attended and feedback has been incorporated into the Shire's Carbon Reduction Plan. Analysis has been conducted on the data provided by the Shire and an emissions reduction target was developed at the workshop. The Shire endeavours to reduce emissions by 1.5% of 2012/13 levels by 2016/17 and 3.0% by 2018/19. The Carbon Reduction Strategy review was finalised and a report to Council regarding the benefits of the Carbon Reduction Strategy and Carbon Reduction Plan has been compiled. The Project is now complete. In addition to the project, information regarding the WALGA Platform's future was provided.

Strategy: 1.6.3 Implement the Regional Climate Change Adaptation Action Plan 2013-2016

Action: Implement the Regional Climate Change Adaptation Action Plan 2013-2016

Work has commenced on developing the next climate change risk awareness seminar in the series which will focus on heatwaves and their impacts on both human health and the environment. This seminar is aimed to be delivered in March 2015.

Work has continued on the development of a Regional Urban Canopy Program. The purpose of the Program is to deliver a regional program that assists member Councils with managing and mitigating the impacts of declining urban canopy coverage and its associated environmental, social and financial impacts. The Regional Urban Canopy Program will concentrate on three key focus areas which have been identified as priorities by member Councils for EMRC to progress. These areas are:

- Education and engagement – such as targeted education programs, community events and industry engagement;
- Research and technology – may include canopy mapping and research into localised urban heat island effect; and
- Advocacy – activities including seeking funding opportunities, advocacy to planners and developers and State and Federal government.

In November 2014, 2020 Vision held a workshop in Perth to discuss the issues surrounding canopy loss in urban areas. The workshop aimed to break down each key issue into smaller, tangible goals that can be investigated further. The five key themes included: Climate and environment, Funding and investment, Decision-making, knowledge and skills, Policy and planning and Culture and community. The workshop was repeated in four other cities around Australia and key findings will be reported on in 2015.



Item 1.2 continued

Action: Assist with the Implementation of the Local Climate Change Adaptation Action Plans for the City of Bayswater, the Shire of Mundaring, the City of Belmont, the Town of Bassendean and the Shire of Kalamunda.

A status review of the Local Climate Change Adaptation Action Plans (LCCAAP) for the City of Bayswater, the Shire of Mundaring, the City of Belmont, the Town of Bassendean and the Shire of Kalamunda is being undertaken. A report will be developed to identify the status of actions, gaps and opportunities. The review will also offer the opportunity to benchmark each Council and to identify the progress of actions implemented across the region. This will be the first time since the program's commencement that a full review of all LCCAAPs has been undertaken. The reports will detail actions within each individual LCCAAP and graphically identify all other LCCAAPs and the RCCAAP for benchmarking purposes. The reports will assist member Councils and EMRC with identifying local and regional priorities, gaps and opportunities. The reports are under development and proposed to be delivered to member Councils in early 2015.

Strategy: 2.1.2 Implement the Swan and Helena Rivers Framework

Action: Implement Swan and Helena Rivers Regional Recreational Path Development Plan

Stakeholder comments have been received in support of the Swan and Helena Rivers Management Framework review report. Work has commenced to re-establish a Swan and Helena Rivers Management Framework strategic steering group to facilitate the implementation of priority actions.

Action: Identify and respond to funding and advocacy opportunities relating to the Swan and Helena Rivers Management Framework

A presentation on Aboriginal engagement and consultation was delivered to the South East Regional Centre of Urban Landcare. A funding application has been submitted to the Natural Disaster Resilience Program, in collaboration with the Department of Water, to undertake research into the effects of climate change on flood events in the Swan and Helena Rivers. Further work has been undertaken to progress project planning and tender preparation in advance of the funding announcement. A meeting has also been held with Department of Water and further technical information incorporated.

Action: Identify and respond to emerging issues relating to the Swan and Helena Rivers Management Framework

No new emerging issues have been identified during this reporting period.

Strategy: 4.2.2 Continue to Foster and Enhance Relationships with Stakeholders Including Government Agencies and Business Groups

Action: Develop new and strengthen existing Stakeholder Relationships e.g. Corporate Sponsorship

WALGA Sustainability Officers Networking Group (SONG) was attended in October 2014. Dr Victoria Kearney of Edith Cowan University gave a presentation on Building Organisational Capabilities for Sustainability; there was a demonstration of the Environmental Planning Tool; and a round table discussion was held on the future direction of SONG. A meeting was held with WA Department of Water in November to discuss the collaborative Natural Disaster Resilience Program project in development to undertake flood mapping of the Swan and Helena Rivers. A session with the Department of Planning was attended to hear a presentation regarding Strategic Assessment of the Perth and Peel Regions and Urban Forests. Information gathered from the session will feed in to the proposed Regional Urban Canopy Program.



Item 1.2 continued

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional, cultural and recreational activities

Key Result Area 4: Good Governance

- 4.2 To manage partnerships and relationships with stakeholders

FINANCIAL IMPLICATIONS

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

SUSTAINABILITY IMPLICATIONS

The environmental management activities support sustainability principles and contribute towards the environmental, social, and economic benefits through water and energy savings, conservation and management of biodiversity and natural areas and community education and engagement.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	Ongoing officer time is required to provide advice and information to the EMRC to ensure projects are being delivered in accordance with member Council expectations.

ATTACHMENT(S)

Nil



1.3 COOPERATIVE RESEARCH CENTRE FOR WATER SENSITIVE CITIES CONFERENCE

REFERENCE: D2015/00102 (CEOAC) – D2015/01961

PURPOSE OF REPORT

To provide a report on the Cooperative Research Centre for Water Sensitive Cities Conference held in October 2014.

KEY ISSUE(S)

- EMRC is a participant of the Cooperative Research Centre for Water Sensitive Cities (CRCWSC) and a member of the Western Region Regional Advisory Panel.
- Membership of the CRCWSC ensures EMRC and member Councils have access to the latest research and training in relation to best practice water management such as stormwater management and water sensitive urban design.
- Regular updates are provided to EMRC Council and member Councils through the Environmental Services Quarterly Activity Reports.
- The CRCWSC held its inaugural conference in October 2014 in Melbourne.
- The conference showcased the outputs from the research projects to date and learnings in developing context-specific solutions including:
 - Governance requirements for water sensitive cities.
 - The results of a two year study to determine how effective street trees are at reducing air temperature in the central business district of Melbourne.
 - Harvesting and reuse of stormwater run-off and the selection of stormwater and capture technologies.
 - Urban drain restoration and the value of green infrastructure such as green roofs, rain gardens/biofilters and living walls for increasing home prices.
- Powerpoint presentations are available on the CRCWSC website <http://watersensitivetocities.org.au/crcwsc-intranet/presentations/wsc-conference-2014-presentations/>

SOURCE OF REPORT

Director Regional Services
Manager Environmental Services

BACKGROUND

Through the EMRC's Occasional Grants/Sponsorship Policy an amount of \$10,000 was approved by Council to the Cities as Water Supply Catchments program in August 2011 to establish a cooperative research centre for water sensitive cities (Ref: DMD0C/149626). The Cities as Water Supply Catchments research program was established to research ways to better manage water in a water sensitive city to overcome water shortages, reduce urban temperatures, improve waterway health and improve urban landscapes.

In the past, because WA was not a member of national urban water science initiatives, the State has not been able to take advantage of research funding and there have been problems attempting to adapt the tools and research outcomes from the eastern states to WA conditions.



Item 1.3 continued

The University of Western Australia (UWA) in partnership with the Centre for Water Sensitive Cities at Monash University developed a proposal for academic, business and government sectors across WA, including local government, to join the National Cities as Water Supply Catchments research program.

After joining the program some changes occurred. The Centre for Water Sensitive Cities at Monash University obtained a Commonwealth grant of \$30 million, allowing the extension and expansion of the research program and it being renamed as the 'Cooperative Research Centre for Water Sensitive Cities'. The objective of the program is to deliver significant economic, environmental and social benefits to Australia by supporting the end-user driven research partnerships between publicly funded researchers and end-users to address clearly articulated major challenges that require medium to long-term collaborative efforts.

On 23 August 2012 an Information Bulletin (Ref: DMDOC/166555) was provided to Council on the changes from Cities as Water Supply Catchments program to a Cooperative Research Centre for Water Sensitive Cities (CRCWSC).

The CRCWSC brings together the inter-disciplinary research expertise and thought-leadership to undertake research that will revolutionise water management in Australia and overseas. In collaboration with over 70 research, industry and government partners, the CRCWSC will deliver the socio-technical urban water management solutions, education and training programs and industry engagement required to make towns and cities water sensitive.

With a research budget in excess of \$100 million, research over nine years will guide capital investments of more than \$100 billion by the Australian water sector and more than \$550 billion of private sector investment in urban development over the next 15 years.

An Information Bulletin (Ref: D2014/05546) was provided to Council in August 2014 providing an update on the progress of the CRCWSC.

REPORT

The inaugural CRCWSC Conference was held in Melbourne in October 2014. The conference showcased the outputs from the research projects and learnings in developing context-specific solutions. Copies of the Powerpoint presentations are available on the CRCWSC website on the following link <http://watersensitivecities.org.au/crcwsc-intranet/presentations/wsc-conference-2014-presentations/>

Some of the key points from the various presentations are outlined below.

Professor Gustaf Olsson – Lund University (Sweden)

Professor Olsson gave the keynote presentation on 'The water-energy-food nexus – couplings and conflicts' discussing the need to integrate water and energy together. He discussed how France's nuclear capacity had reduced due to the lack of cooling water and how nuclear reactors in the USA had to be shut down for one week due to drought conditions. 15% of water is used in relation to energy production. Nine out of ten disasters are related to weather and cause massive economic losses. Professor Olsson discussed the impacts on water with hydraulic fracturing in the USA related to shale gas, including transportation of water and chemical impacts on water. 15-20,000 cubic metres of water are used for one fracture. Water pricing and the lack of correlation between costs was also discussed as an emerging issue.

Professor Brian Head - University of Queensland

Professor Head discussed the governance requirements that can hinder or help to build water sensitive cities. Factors that hinder include unclear roles and responsibilities, gaps, liability and lack of clarity on responsibility. Gaps in governance include the need to be clear with principles, goals and objectives, lack of incentives for collaboration, weak incentives for innovation and that innovation is more likely to be championed by developers. He discussed "problem focus versus benefit focus" and that there is nothing like a crisis for new things to emerge, but cautioned that this does not always deliver a sensible evidence base. Governance can be enhanced through strengthening policy innovation and capacity. Collaborative capacity can be strengthened with incentives and instruments. Case studies provide good evidence where innovation has been facilitated.



Item 1.3 continued

Dr Matthew Laing – Monash University

Dr Laing discussed how scientific voices are weak and that water scientists overestimate their influence. Policy making and research operate on two different timescales and policy windows are often missed by researchers. Policy decision makers require information fast and often turn to consultants for quick timeframes. In interviews conducted with 100 Australian top bureaucrats dozens of names came up as trusted sources of scientific information. Trusted sources were known as knowledge brokers (not necessarily scientists), were skilled at distilling key points and being seen as non-partisan. Dr Laing stated that researchers invest only a small amount in promotion and that scientists need to find advocates and useable end products. Peter Cullen was cited as a good example of an advocate for water. It was suggested that language used should relate to both major political parties i.e. economic benefits. Opportunities have been identified within the CRCWSC for building this capacity within researchers including the provision of media training.

Dr Andrew M. Coutts - Monash University

Dr Coutts discussed the effects of street trees and the results of a two year study to determine how effective street trees are at reducing air temperature in the central business district of Melbourne. Urban street trees provide many environmental, social and economic benefits. They cool the microclimate, improve human thermal comfort and reduce heat stress. In central business areas it is important to position trees allowing gaps for ventilation in canopy and to allow pollution to escape.

City of Melbourne has 70,000 trees that are estimated to be worth at \$650 million. Heat stress is impacting upon the trees and many are coming to the end of their life. City of Melbourne has set an increased canopy target from 22% to 40% by 2020.

Dr Carol Howe – ForEva Solutions (USA)

The need to overcome institutional barriers such as planning, economics/finance, culture/knowledge, legislation/regulation and citizen engagement was discussed. Dr Howe has looked at case studies across the world where people have been innovative to overcome barriers. Dr Howe's key principles to overcoming institutional barriers are:

- Planning and collaboration – what works well is partnerships.
- Culture, knowledge and capacity – need to give tools, incentives and have champions.
- Citizens engagement – learn to speak differently and consider your audience, get savvy with outreach technology, develop relationships, and build trust.
- Legislation and regulations – regulation can be an ally.
- Economics and finance – there is a lack of full benefit/cost accounting and there is a need to look at the cost benefits, triple bottom line and accounting.

Dr Howe believes powerful leadership requires champions, innovation and collaboration.

Ms Jane-Louise Lampard – University of South East Queensland

Harvesting and reuse of stormwater runoff provides ecosystem services and increases water security. Stormwater harvesting enables communities to reduce their reliance on rainfall and meet their water needs. However there is limited knowledge on stormwater water quality and health issues. Singapore is using stormwater, as is Marickville Council in NSW. Stormwater samplings taken across multiple sites detected metals close to or exceeding human health guidelines, herbicides were frequently detected (usually below guidelines). Pharmaceuticals and personal care products were also detected below guidelines with caffeine exceeding guidelines. Research findings indicate that stormwater requires treatment prior to reuse. Knowledge from this study will assist water supply managers to select stormwater and capture technologies.



Item 1.3 continued

Associate Professor Sayed Iftekhar – University of Western Australia (UWA)

Researchers from the UWA looked at amenity value of an urban drain restoration “living stream” at Bannister Creek in Perth. They found that the project has had a positive effect on the value of homes and additional increases in home prices within 200 metres of the living stream were 6.3%. They also investigated the value of green infrastructure such as green roofs, rain gardens/biofilters and living walls. A project in Sydney suggested that rain gardens increase the value of residential homes within 100 metres of the rain garden by 2.5% to 6.5%.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

Key Result Area 4: Good Governance

- 4.2 To manage partnerships and relationships with stakeholders

FINANCIAL IMPLICATIONS

An annual budget allocation is provided for the CRCWSC in the Environmental Services budget (72739/05).

SUSTAINABILITY IMPLICATIONS

With the impacts of climate change, water scarcity and drying conditions in WA this program will assist local government with management of water resources in Perth’s Eastern Region.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	Member Councils benefit from the CRCWSC by accessing research on ways to better manage water to overcome water shortages, reduce urban temperatures, improve waterway health and improve urban landscapes that are tailored for WA climatic conditions.

ATTACHMENT(S)

Nil



1.4 HELPING THE HELENA – ESTABLISHING A BASELINE FOR WATER QUALITY POLLUTANTS FOR LINKAGES IN FISH AND MUSSEL DECLINE

REFERENCE: D2015/00103 (CEOAC) – D2015/01964

PURPOSE OF REPORT

To provide a summary of the key findings contained in the attached scientific report 'Helping the Helena - establishing a baseline for water quality pollutants for linkages in fish and mussel decline'.

KEY ISSUE(S)

- During 2010 and 2011, the EMRC received grant funding to conduct fish and macro-invertebrate studies along the Helena River.
- Results showed a decline of fish, crayfish and mussels in the middle and lower reaches of the river and recommended that seasonal water quality sampling should occur to determine if pollutants are responsible for fish decline.
- The 'Helping the Helena' project was developed with funding secured from the State Natural Resource Management Office.
- The study involved sampling between April 2013 and April 2014 and collecting sediment and water to be analysed for surfactants, pesticides, heavy metals and hydrocarbons.
- Results of laboratory analyses indicated issues with hydrocarbons in the middle Helena River and heavy metals in both the lower and middle reaches of the river.
- There was an abundance of anionic surfactants in all pools sampled and spot occurrences of herbicides in the sediment and water of two pools in the Lower Helena River were also identified.
- Key recommendations from the study include:
 - Revegetation of riparian vegetation along key sites identified;
 - A sediment toxicity investigation and bioaccumulation study for middle sites;
 - Further sampling and analysis for cationic and non-ionic surfactants throughout the river;
 - Engaging landholders and business owners to develop a pesticide tracking program; and
 - Future studies on the existence of pollutants within fish and mussel tissue.
- The results of this study act as a baseline for non-nutrient contaminants in the Helena River Catchment and can be used as a base for future research to determine if linkages exist between water quality pollutants and fish and mussel decline in the Helena River.

SOURCE OF REPORT

Director Regional Services
Manager Environmental Services

BACKGROUND

In 2009 the Department of Water conducted an assessment of contaminants in the Swan and Canning Catchment Drainage System as part of the Swan River Trust's Non-Nutrient Contaminants Program. This study identified issues with Polycyclic Aromatic Hydrocarbons, Organochlorine pesticides and metals and a potential issue with herbicides, subsequently prioritising the Helena River for further investigation.



Item 1.4 continued

During 2010 and 2011 the EMRC received funding to conduct fish and macro-invertebrate studies along the Helena River. Results of the surveys showed a decline of fish, crayfish and mussels in the middle and lower reaches of the river.

The study recommended that seasonal water quality sampling should occur to determine if pollutants (e.g. insecticides, herbicides, heavy metals, hydrocarbons) are responsible for fish decline. The 'Helping the Helena' project was subsequently developed with funding of \$37,500 from the State Natural Resource Management (NRM) Office. The project was supported by the Department of Water and the Swan River Trust who provided training, guidance and technical assistance with water and sediment sampling.

REPORT

This report summarises the findings of the 'Helping the Helena' water quality sampling project. The technical scientific report is provided as an attachment and has been peer reviewed by project partners at the Department of Water and Swan River Trust.

The study involved sampling on five occasions between April 2013 and April 2014 and collecting sediment and water to be analysed for the following parameter groups:

- Group 1: Physical parameters;
- Group 2: Surfactants and Glyphosate;
- Group 3: Chlorinated Acidic Pesticides;
- Group 4: Organochlorine/Organophosphate herbicides/ pesticides;
- Group 5: Heavy metals; and
- Group 6: Polycyclic Aromatic Hydrocarbons/Total Petroleum Hydrocarbons.

Results of laboratory analyses showed high levels of heavy metals within the middle and lower reaches of the Helena River as well as a source of hydrocarbon contamination to be entering the river between the Lower Helena Reservoir and the Mundaring Weir.

Anionic surfactants were common throughout the entire river where water samples were taken including the control sample site in the Upper Helena River. Spot occurrences of the herbicides glyphosate, 2,4-dichlorophenoxyacetic acid (2-4-D) and Dimethyl tetrachloroterephthalate, more commonly referred to as DCPA, were also detected in two pools in the Lower Helena River.

Key recommendations from this study are to:

- Conduct revegetation and rehabilitation of riparian vegetation along channels to sites that were found to have contaminants and of areas directly fringing industrial and agricultural activities;
- Conduct a sediment toxicity investigation and bioaccumulation study for middle sites where a build-up of pollutants was identified;
- Conduct further analyses for non-ionic and cationic surfactants in summertime pools especially the control site;
- Develop a long term monitoring plan to identify spikes or changes in water quality that would normally be missed in a grab sampling program;
- Engage landholders and business owners to develop a pesticide tracking program to record usage, including amounts, locations and timing of pesticide applications so that a reference database can be created that enables hot spots and target areas for management to be established; and
- Focus on the existence of pollutants within fish and mussel tissue as this will allow the detection of pollutants such as Organochlorine pesticides and heavy metals which are known to resist breakdown in ecosystems through persistence and bioaccumulation within animal tissues.



Item 1.4 continued

Preliminary results of the study were shared at a Bush Skills for Hills community workshop in September 2014. Catchment Groups are also being supported to develop Sampling Analysis Plans which will assist in monitoring water quality in their local area.

The results of this study act as a baseline for non-nutrient contaminants in the Helena River Catchment and have been stored on the Department of Water's Water Information - WIN database. This information can be used as a base for future research to determine if linkages exist between water quality pollutants and fish and mussel decline in the Helena River.

The EMRC will seek future funding opportunities to implement the recommendations from the report.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 4 – Good Governance

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

FINANCIAL IMPLICATIONS

Nil

SUSTAINABILITY IMPLICATIONS

The Helping the Helena project has created an invaluable baseline data set which will enable further research to be compiled about the occurrence of non-nutrient pollutants in the Helena River. This project has been crucial for enabling better management of very valuable water resources in Perth's Eastern Region.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	Reference material and specialist resources to guide future research and management of catchment health.

ATTACHMENT(S)

EMRC Project Report – Helping the Helena Establishing A Baseline Of Water Quality Pollutants For Linkages In Fish And Mussel Decline (Ref: D2015/01967)



Protecting Perth's Eastern Region 

Helping the Helena establishing a baseline of water quality pollutants for linkages in fish and mussel decline



Report prepared by the Eastern Metropolitan Regional Council and funded by the State NRM Office.

Project support from the Department of Water and the Swan River Trust.

Dec 2014



Government of Western Australia
Department of Water



Acknowledgements

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The following people were integral to the successful completion of this project and report:

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Dominic Heald	Department Of Water
Suzanne Thompson	Swan River Trust
Steeg Hoeksema	Swan River Trust
Mark Bundock	Botanic Gardens and Parks Authority
Helen Nice	Department Of Water
Malcolm Robb	Department Of Water
Sue Creagh	Wetland Research and Management

Executive Summary

Industrial, agricultural and residential activities within water catchments are known to contribute contaminants to their receiving environments. Within the context of this study, the receiving environment is the Helena River, with this tributary eventually flowing into the Swan River.

Previous studies (Nice *et al.*, 2009), (Klunzinger *et al.*, 2012) have identified the Helena River as a priority area for sampling and analysis of non-nutrient pollutants including heavy metals and pesticides.

More specifically, this project follows on from the recommendations of fish and macro-invertebrate surveys conducted by EMRC and Wetland Research and Management in 2010 and 2011. It was recommended that sites be sampled for non-nutrient pollutants to determine if links exist between fish paucity and pollution in summer time pools.

The current study involved sampling sediment and water at various sites along the Helena River over a period of twelve months. Selection of sites focused on those areas which potentially have high levels of non-nutrient contamination due to current and historic pesticide use and other potentially contaminating industrial activities within the region and their position in the catchment.

Key pollutants identified during this study were: polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPHs), anionic surfactants, metals and herbicides. Key areas of the river were identified for further investigation including: the middle Helena sites between the Lower Helena Reservoir and Mundaring Weir, and sites in the lower Helena bordered by agricultural areas. In addition, all sites were flagged for further investigation for the distribution of cationic and non-ionic surfactants in water.

Recommendations of this study include: long term monitoring to pick up spikes and changes in water quality and analysis specifically for non-ionic and cationic surfactants in water. Fish tissue analysis for contaminants is also recommended to determine the level of persistence of metals and other contaminants that have a tendency to bio-accumulate. In the case that follow up sampling confirms contamination in middle Helena sites: sediment toxicology investigations should be undertaken.

Results of this study act as a baseline for further sampling, analysis and investigation to occur in key areas highlighted in this report.

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1 Background

The Helena River is mostly ephemeral, flowing June to January with an average flow of 3.1 GL per year. The headwaters are located in the Shire of York on the Darling Plateau. The river flows through the Darling Scarp and Coastal Plain before its confluence with the upper reaches of the Swan River in Guildford (Swan River Trust, 2010).

For the purpose of this study, the area of focus is restricted to the Eastern Hills Catchment Management Program locale where the Helena River traverses three local governments, these being the Shire of Kalamunda, Shire of Mundaring and the City of Swan.

Within the Catchment soils range from shallow earths, sandy and lateritic gravels on the Darling Scarp, to sandy, gravelly soils on the foothills to the west and alluvial red earths close to the confluence with the Swan River (Swan River Trust, 2010). Groundwater is considered to have a minor influence on water level and the flow of the Helena River.

It is believed that, in most instances, chemicals entering the environment break down into non-volatile organic constituents and degrade naturally. However, sampling regimes to date have failed to provide an understanding of the location and persistence of non-nutrient contaminants throughout waterways in Western Australia (WA). Further, there is a deficiency of data for environmental fate and synergistic affects for these chemicals in freshwater ecosystems world-wide, with no such data existing for south-west WA.

In 2009, the Department of Water conducted an assessment of contaminants in the Swan and Canning Catchment Drainage System as part of the Swan River Trust's Non-Nutrient Contaminants Program (NNCP). This study identified issues with Polycyclic Aromatic Hydrocarbons (PAHs), Organo-chlorine (OC) pesticides and metals, and a potential issue with herbicides, subsequently prioritising the Helena River for further investigation (Nice *et al.*, 2009).

In 2010 and 2011 fish and macro-invertebrates were surveyed in the Helena River. The subsequent report recommended seasonal water quality data be collected and analysed to determine if pollutants (e.g. insecticides, herbicides, heavy metals, hydrocarbons) might be responsible for the paucity of fish and crayfish in the lower and middle reaches. A sub-set taken from each sub-catchment was recommended, with a minimum of at least three sites from each

sub-catchment to be included. It was recommended that preference be given to sites known to be in the receiving environment for point and/or diffuse source pollutants (EMRC & WRM, 2011). This study follows on from recommendations made in these studies.

The results of this study therefore act as a baseline for non-nutrient contaminants in the Helena River Catchment. This information can be used as a base for future research to build upon to determine if linkages exist between water quality pollutants and fish and mussel decline in the Helena River.

2 Introduction

The Helena River is one of the main tributaries to the Perth Swan River and runs through the Helena Catchment area which is comprised of residential, industrial and agricultural areas as well as state forest and parks. Summertime pools along the river are important ecological refuge areas in times of summer drying when the river disconnects. The river also flows through the drinking water catchment area that supplies 25-40% of the water to the Goldfields and Agricultural Water Supply Scheme (WAPC, 2010).

Input of chemicals to the Helena River from overland flow and drainage is not recorded and the types, quantities and timing of inputs is unknown. Various studies have collected data which shows declining numbers of native fish, invertebrates and mussels within the river. The cause of this is believed to be a combination of factors including infrastructure barriers to gene flow, habitat degradation, high nutrient inputs, rising salinities and low dissolved oxygen (Klunzinger *et al.*, 2012), (EMRC & WRM, 2011), (Smith *et al.*, 2011).

There is a lack of data for non-nutrient pollutants in the Helena River and thus research is required to determine if there are links between low native fish numbers and non-nutrient pollutants (Nice *et al.*, 2009), (EMRC & WRM, 2011).

Studies on freshwater species such as the mussel *Westralunio carteri* have suggested links between chemical pollution and species decline. It is thought that mussels found with deformed shells within the middle Helena River may be demonstrating chronic effects of pesticide exposure (Klunzinger *et al.*, 2011). Other studies found low fish and crayfish numbers in the middle and lower reaches of the river and recommendations suggested pollutant testing to be carried out (EMRC & WRM, 2011).

This study will form a baseline for further research to be conducted to determine if links exist between fish and macro-invertebrate decline, and the presence of pollutants in the Helena River.

2.1 Guideline values applied

Table 1 guideline values referred to in this study

Non-nutrient contaminants in sediment	<p>Australian and New Zealand Environment and Conservation Council (ANZECC) and the Agriculture and Resource Management Council of Australia and New Zealand guidelines (ARMCANZ) (2000) Interim Sediment Quality Guideline Trigger Values (ISQG) low and high (see Appendix 1)</p> <p>Canadian Council of Ministers of the Environment (1995). Protocol for the derivation of Canadian sediment quality guidelines for the protection of aquatic life. (see Appendix 1)</p>
Non-nutrient contaminants in surface water	<p>Australian and New Zealand Environment and Conservation Council guidelines for Fresh and Marine Water Quality- guidelines for 95% Ecosystem Protection in fresh waters (ANZECC and ARMCANZ 2000) (see Appendix 1)</p>
Physical measurements in surface water	<p>ANZECC guidelines for South West Australia for Lowland Rivers. (see Appendix 1)</p>

3 Methods

3.1 Site selection

Sites were selected based on their location relative to land-use and on the location of sites used in macro-invertebrate studies which focused on diversity and abundance of freshwater fish and crayfish in summer pools within the river. Seven of the eight sites selected in this study were pools that were also assessed as part of the fish and macro-invertebrate surveys in 2010 and 2011. (EMRC & WRM, 2011).

Five sites were selected from the lower Helena, two from the middle and one from the upper catchment. These sites are mapped in Figures 1 to 4 below.

Site selection was strongly influenced by the presence of permanent water. Other sites which may have been more appropriate could not be sampled due to the requirement for them to have water at every sampling event.

Table 2: Site details of those sites sampled in this study, far left column denotes sites also sampled in WRM 2010, 2011 fish surveys.

Fish survey site	Site name	Location	Easting	Northing
Not surveyed	Helena 1	Helena Valley floodplain. 5.7 km upstream of Swan River confluence	406672	6469864
Site 4	Helena 2	Helena Valley floodplain. 6.7 km upstream of Swan River confluence	407030	6469612
Site 7	Helena 3	Helena Valley floodplain. 8.1 km upstream of Swan River confluence	407950	6469590
Site 20	Helena 4	State Forest, Helena river below PHD at Craignish Gauging Station. 12.1 km upstream of Swan River confluence.	411964	6466323
Site 18	Helena 5	State Forest, Helena river below PHD wall. 12.7 km upstream of Swan River confluence.	412554	6466029
Site 14	Helena 6	Helena River above PHD. 22.9 km upstream of Swan River confluence.	418387	6465445
Not surveyed	Helena 6a	Bourkes Gully , Helena River north of site 6 on the Mundaring Loop Trail	420113	6465359
Site 13	Helena 7	Helena River above PHD 24.9 km upstream of Swan River confluence.	419951	6464551
Site 11	Helena 8	State Forest, Helena River headwaters above Mundaring Weir. 54.4 km upstream of Swan River confluence.	441603	6466283



Figure 1: Sites sampled during this study (yellow markers)

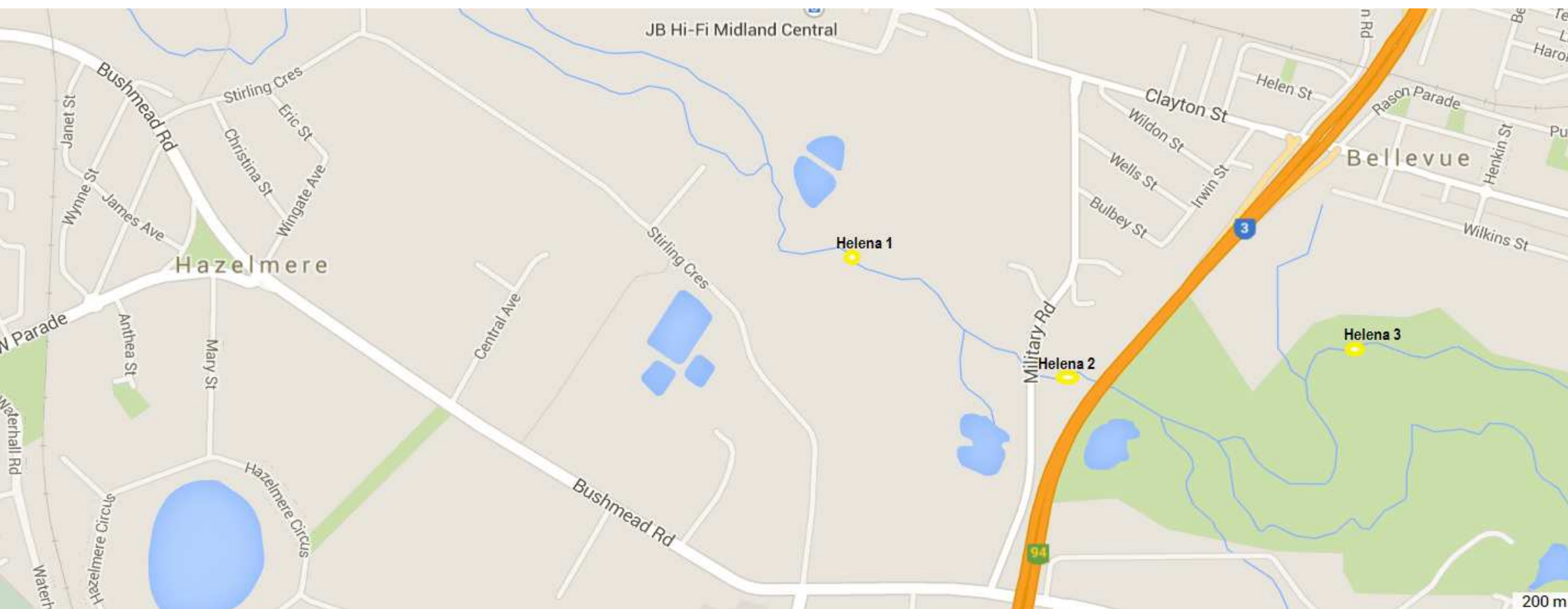


Figure 2: Sites sampled within the Lower Helena River



Figure 3: Sites sampled within the Middle Helena River. Note that Helena 6a was sampled on only one occasion within April 2014

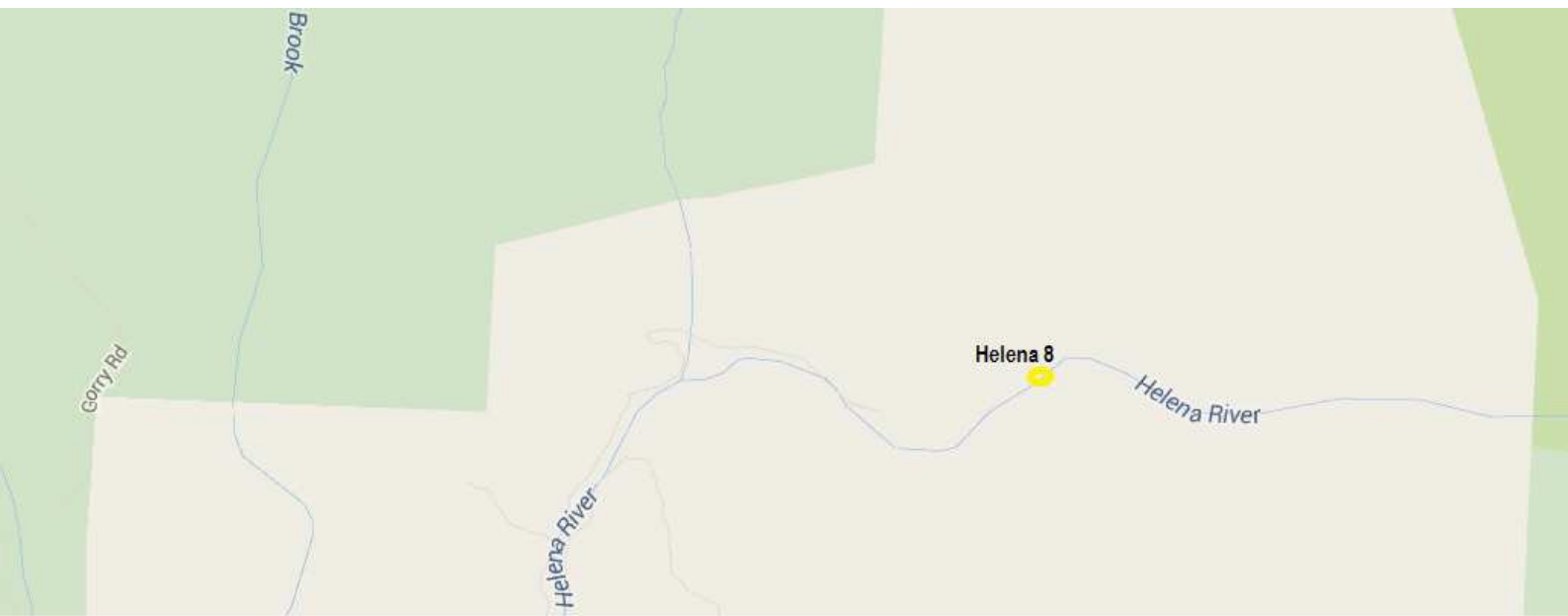


Figure 4: One site sampled within the Upper Helena River

3.2 Sampling methods and frequency

Water sampling methods on all occasions were conducted in line with the Sampling and Analysis Plan (SAP) and the documents - Surface water sampling methods and analysis - technical appendices; and Field sampling guidelines: A guideline for field sampling for surface water quality monitoring programs (DoW, 2009).

Sediment was sampled using a 90mm polycarbonate corer with the first 3 cm of each core being removed and placed in stainless steel bowl. Once sufficient material was collected to fill a sterilised 250 mL jar the composite of the cores was homogenised and decanted into the sediment jar until the jar was completely full.

Sampling occurred on a quarterly basis with water samples taken in April, July, October 2013, and January 2014. Sediment sampling took place in April and October 2013. Helena 6a was sampled on only one occasion, April 2014.

3.3 Quality control

Samples were subject to the following laboratory quality control measures: at least one procedural blank and duplicate analysis per process batch and; one matrix and surrogate spike for each soil and water type. The following field sampling quality control measures were also taken: Water - field replicate and field blank samples; and sediment - field replicate sample on the first sampling event.

3.4 Water and sediment quality parameters

Parameters were selected based on land use activities within the Helena River Catchment and those contaminants which have not previously been sampled for but could cause harm to the environment.

The surface water parameters were separated into the following groups:

Group 1: Physical parameters

Group 2: Surfactants and Glyphosate

Group 3: Chlorinated Acidic Pesticides

Group 4: Organochlorine/Organophosphate herbicides/ pesticides

Group 5: Heavy metals

Group 6: Polycyclic Aromatic Hydrocarbons (PAHs)/Total Petroleum Hydrocarbons (TPHs)

Surfactants were not analysed in sediment, all other parameters were the same. Sediment was also analysed for Total Organic Carbon and a particle size analysis performed for each site.

Samples were collected by an NRM Officer from the Eastern Metropolitan Regional Council (EMRC) and an officer from the Department of Water (DoW). They were analysed by National Association of Testing Authorities (NATA) accredited laboratories: Analytical Reference Laboratory (water analyses) and National Measurement Institute (sediment analyses).

Laboratory analysis and limits of reporting

The LOR used in this study were the lowest available using the accredited methods from commercial laboratories. The ANZECC guidelines used for reference are derived from toxicity data and in many cases are lower than the levels of reporting able to be achieved by current analytical methods. A summary of parameters and methods for lab analysis can be found in Appendix 2, Table 13.

3.5 Data analysis

Raw data was compared to guidelines and plotted against sites to identify spatial trends. Ecosystem health and recreational health guidelines referred to as pools have high ecosystem value and are also used by the public for various recreational purposes. PAH data was normalised to Total Organic Carbon (TOC) for each sample and then compared to guidelines. The amount of organic material in sediment strongly influences the persistence and bioavailability of PAHs in aquatic ecosystems and therefore the toxicological effects of those contaminants. Therefore it is necessary to normalise PAH data to assessments of TOC in sediment (ANZECC/ARMCANZ, 2000).

4 Results

4.1 In-situ data measurements

- Temperature of pools was highest in January and lowest in July. There was less variation in temperature between pools within the July sampling compared with January. Largest variation in temperatures between seasons occurred in the middle Helena sites (5, 6 & 7). No guidelines exist for water temperature. (Figure 5)
- pH at Helena 1 was very low (acidic) in April 2013. pH at Helena 1,2,3 and 6 failed to meet the ANZECC guidelines for ecosystem health in July 2013 (Helena 2 in both April and July 2013). All other sites were within recommended guidelines. (Figure 6)
- Conductivity was highest in January and April and lowest in July and October, values exceeded the guideline levels on every occasion. Conductivity was considerably higher at Helena 8 and unlike the other sites sampled; conductivity was not reduced in the winter months. Conductivity at Helena 1 varied substantially between seasons (Figure 7).
- Dissolved oxygen was at its lowest at the end of summer and highest at the end of winter. Most sites failed to meet the ANZECC guidelines for ecosystem health. Measurements taken in April 2014 were lower when compared with dissolved oxygen in April 2013. (Figure 8).

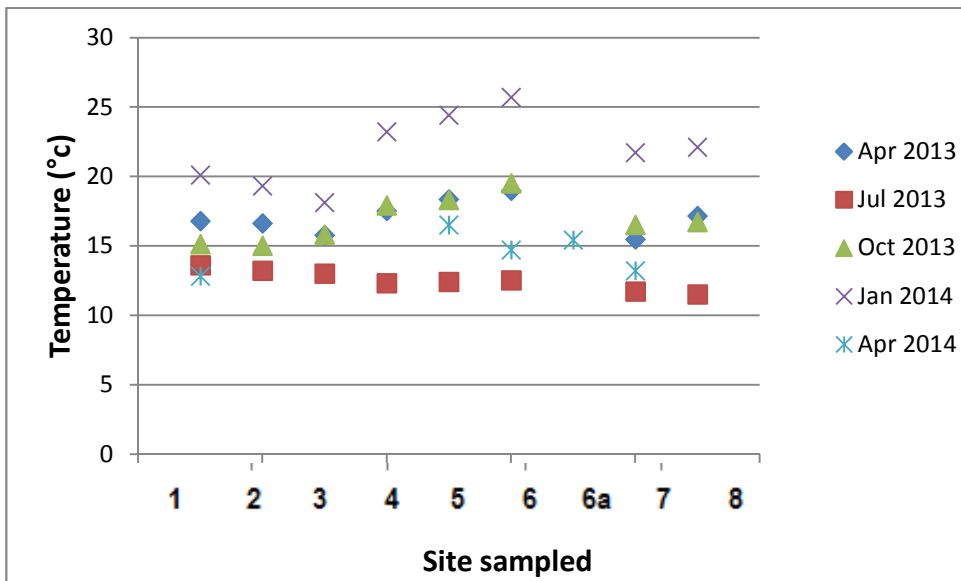


Figure 5: Water temperature recorded at each site at each sampling event.
 Note: April 2014 sampling was completed at Helena 1,5,6,7 and 6a only.
 Helena 6a was sampled on one occasion only

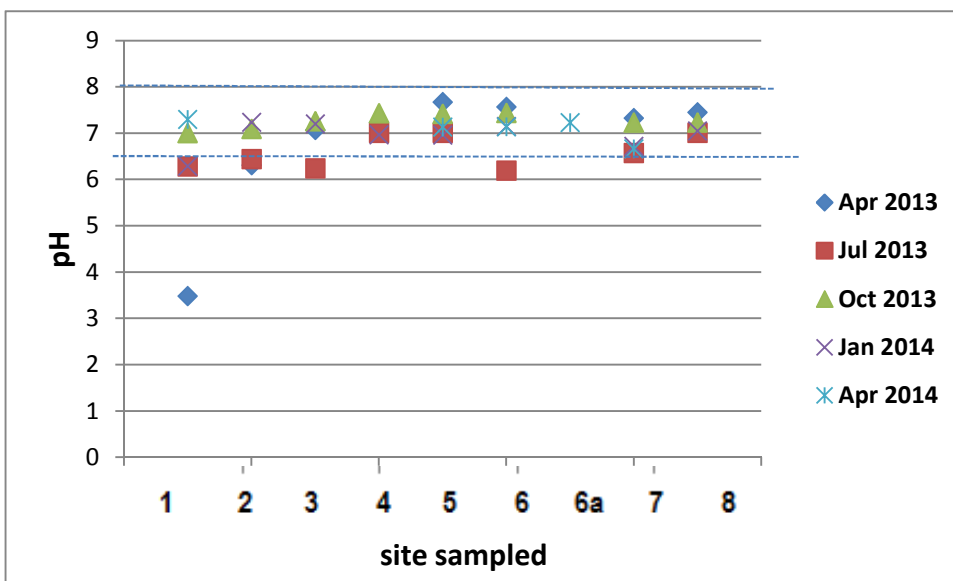


Figure 6: pH recorded at each site at each sampling event.
 Note: April 2014 sampling was completed at Helena 1,5,6,7 and 6a only.
 Helena 6a was sampled on one occasion only

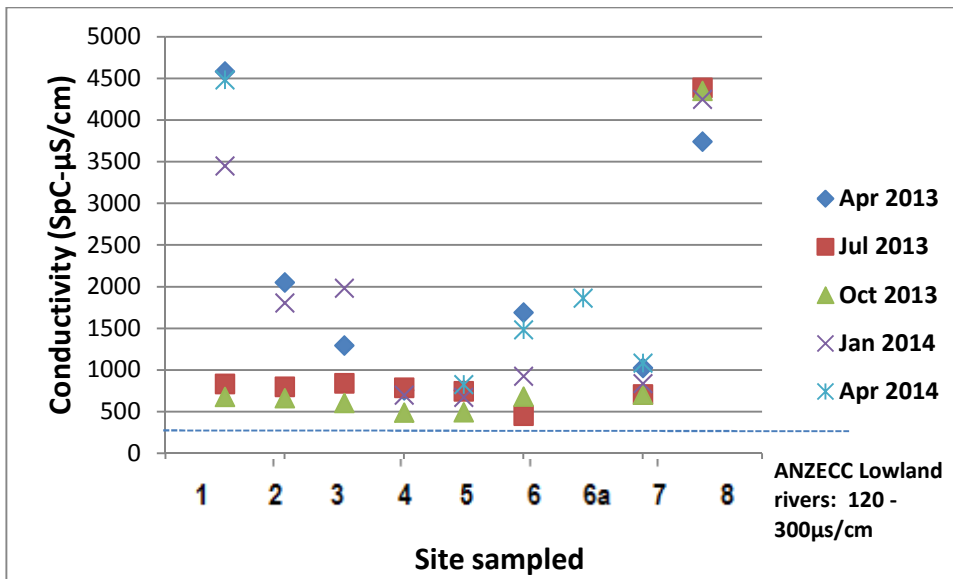


Figure 7: Conductivity measurements from each site at each sampling event.
 Note: April 2014 sampling was completed at Helena 1,5,6,7 and 6a only.
 Helena 6a was sampled on one occasion only

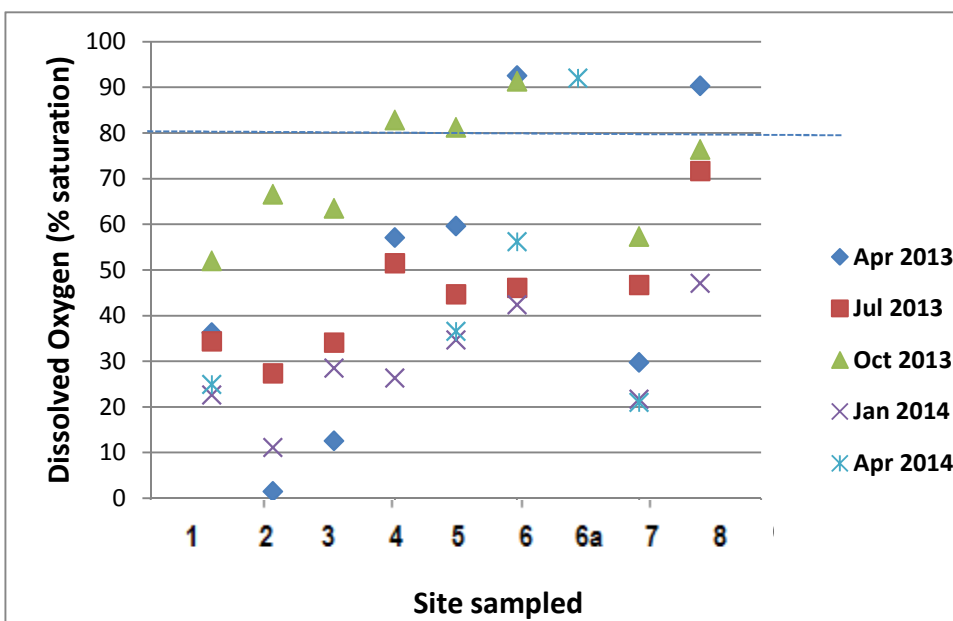


Figure 8: Dissolved oxygen recorded at each site at each sampling event.
 Note: April 2014 sampling was completed at Helena 1,5,6,7 and 6a only.
 Helena 6a was sampled on one occasion only

4.2 Particle Size Analysis

Particle distribution was not analysed for the April 2013 sampling event.

Particle distribution in sediments changed significantly between sampling. During the October 2013 sampling the dominant fraction at most sites was coarse sand with the silt fraction more dominant at Helena 5. At the April 2014 sampling event more sediments were dominated by the silt fraction (Table 3), however, Helena 2,3,4 and 8 were not sampled at this time.

Table 3: Results of the Particle Size Analysis conducted for sites in October 2013 and April 2014

Site (October 2013)	Clay % (<4µm)	Silt % (4-62µm)	Fine sand % (62-250µm)	Medium sand % (250-500µm)	Coarse sand % (500-2000µm)	Gravel (>2000µm)
Helena 1	7.63	22.07	14.00	17.90	36.30	2.10
Helena 2	11.67	25.33	16.79	22.51	21.40	2.30
Helena 3	14.57	30.64	11.99	2.79	35.20	4.80
Helena 4	5.76	16.28	7.61	9.35	43.30	17.70
Helena 5	9.89	40.58	17.21	3.91	21.30	7.10
Helena 6	5.96	14.39	14.85	16.30	41.70	6.80
Helena 7	8.54	18.89	22.16	23.21	23.50	3.70
Helena 8	5.89	22.62	9.79	11.80	40.80	9.10

Site (April 2014)	Clay % (<4µm)	Silt % (4-62µm)	Fine sand % (62-250µm)	Medium sand % (250-500µm)	Coarse sand % (500-2000µm)	Gravel (>2000µm)
Helena 1	4.30	9.90	2.72	17.68	35.30	30.10
Helena 5	7.15	47.13	22.24	4.08	7.50	11.90
Helena 6	11.36	45.87	11.71	1.46	14.20	15.40
Helena 7	3.32	13.84	3.73	2.10	63.40	13.60
Helena 6a	18.16	69.56	7.14	0.44	2.20	2.50

4.3 Organic Carbon Analysis

Total Organic Carbon (TOC) was analysed in April 2013, October 2013 and April 2014. Samples analysed in April 2014 were for sites Helena 1, 5, 6, 6a and 7 only. Organic matter was generally higher in the middle sites and lower in the lower and upper site(s), with Helena 5 showing the highest organic matter on each sampling occasion (Figure 9).

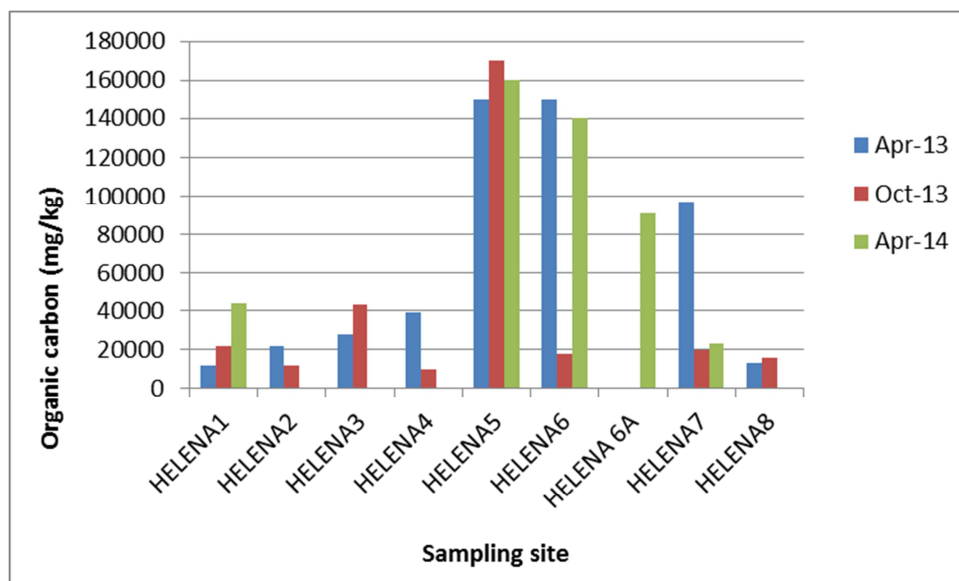


Figure 9: Total Organic Carbon (TOC) for sediment samples from April and October 2013 and April 2014.

Note: only 5 sites were sampled in April 2014, including Helena 6a which was sampled only on this occasion.

4.4 Organics

Of the suite of organics tested for in this study, surfactants, tested as Methylene Blue Active Substances (MBAS) were found consistently at all sites in every sampling event. Glyphosate and Dimethyl tetrachloroterephthalate (DCPA) were detected on one occasion each at two separate sites. No other organic contaminants were detected. This does not necessarily suggest that these contaminants are not present; however, they do not exist at concentrations relevant to the levels of reporting (LOR) used in this study.

- Anionic surfactants were tested for in water and were found consistently in every sample analysed (Figure 10). Anionic surfactant was also detected in the blank sample which was likely due to contamination. However, taking into account this level of contamination all detect data would still be above the level of reporting for MBAS and often exceeded the ANZECC guideline for recreational water quality.
- All sites exceeded the guideline level for MBAS in water for recreational purposes on at least one occasion, even with the consideration of contamination in each sample. No guideline exists for MBAS in water for ecosystem health.

- Glyphosate was detected in sediment at site 1 on one occasion. No guideline exists for glyphosate in sediment.
- DCPA (Dimethyl tetrachloroterephthalate) was detected in water on one occasion at Site 3.
- 2-4-D (2,4-dichlorophenoxyacetic acid) was also detected at Site 3 on a separate occasion.

4.4.1 Adjuvant- surfactants

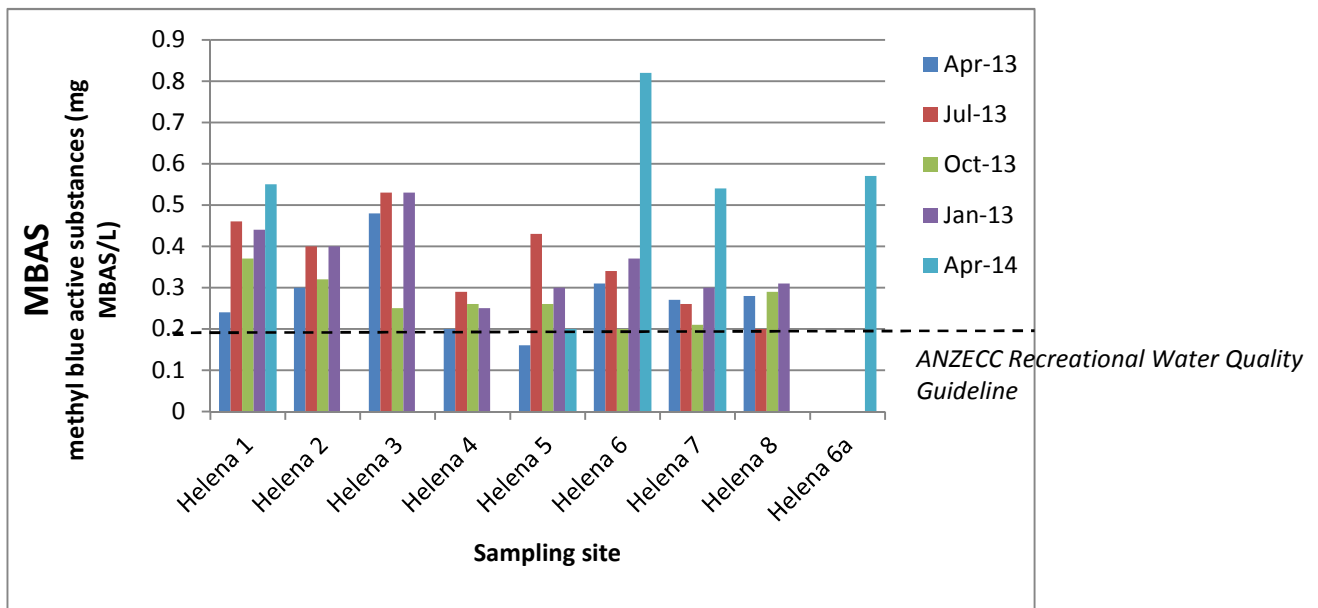


Figure 10: Detections of Methylene Blue Active Substances (MBAS) at each site at each sampling event.

4.4.2 Glyphosate

Glyphosate was detected in sediment at a rate of 1.2 mg/Kg at Site 1 in October 2013. No guideline exists at this time. No other sites were above the LOR 0.5 mg/Kg.

4.4.3 Other organics

DCPA (Dimethyl tetrachloroterephthalate) was detected in water at a rate of 0.018 µg/L at site 3 in April 2013. The acidic herbicide 2-4-D (2,4-dichlorophenoxyacetic acid) was also detected at a rate of 0.3 µg/L at Site 3 on one occasion in January 2014.

4.5 Metals

- Aluminium and iron were the most commonly detected metals in both sediment and water. The highest detection of aluminium in sediment was site 6 and iron at site 5. Aluminium exceeded guideline levels for water at least once in each site with the exception of Helena 8 and Helena 6a (Figure 13).
- With the exception of arsenic and mercury, all metals were detected within sites of the middle Helena at every sampling event. Arsenic was detected in the middle and in the lower Helena sites as well as in water in the upper Helena (Figure 15; Figure 22).
- Copper exceeded the guideline for 95% ecosystem protection in water at every site on every sampling occasion and was detected at 100 times the guideline level in October 2013 at Helena 3 (Figure 17). Zinc exceeded guidelines often in the lower sites, Helena 1-3 (Figure 14).
- Chromium exceeded the guideline level for ecosystem protection in water on 5 occasions (Figure 11).
- Lead and mercury were only detected in sediment in this study. Lead was detected frequently and exceeded the Canadian ISQG value at Helena 3 (concentration: 40 mg/kg; CCME ISQG= 35 mg/kg, CCME, 1995). Mercury exceeded the ISQG low trigger value at site 6 (concentration: 0.2 mg/L; ISQG low: 0.15 mg/L. Detections at sites 5 and 7 were close to the low trigger value (Figure 24) No other metals exceeded the low ISQG in sediment.

Figure 11 to Figure 26 below show metals detected in sediment and water during this study.

4.5.1 Metals in water

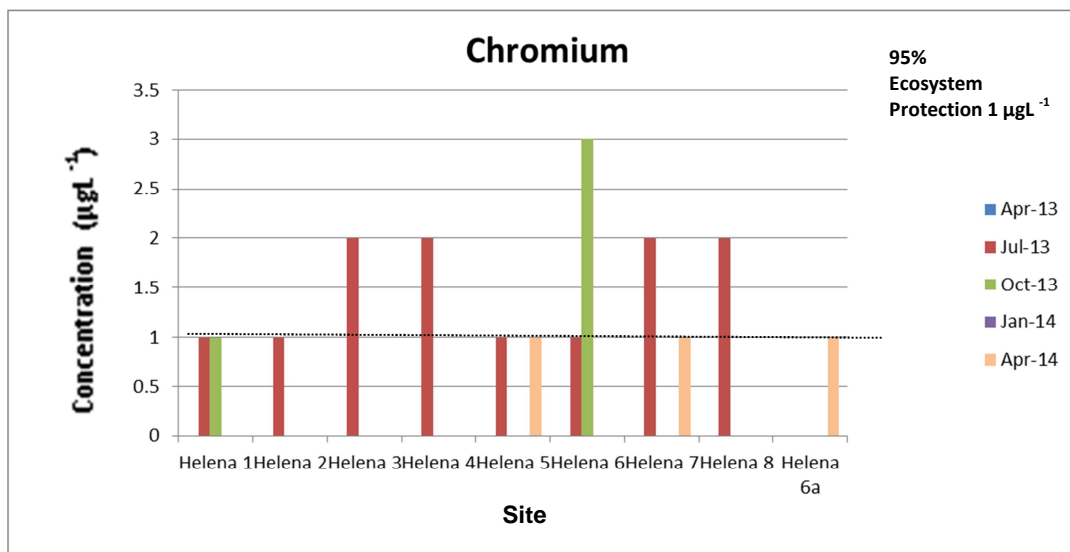


Figure 11: Chromium detected in water at sampling events; April, July & October 2013, January & April 2014.

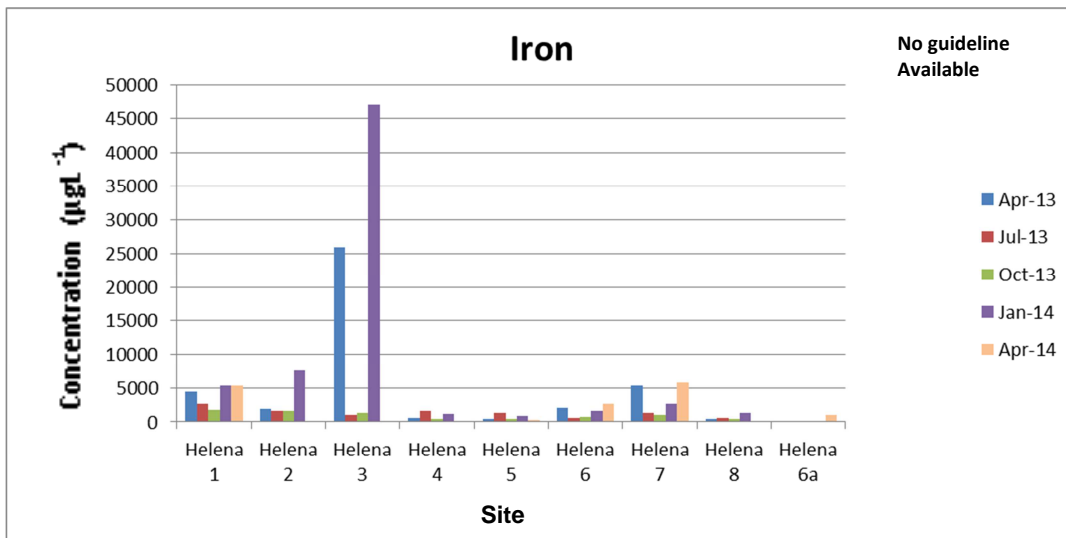


Figure 12: Iron detected in water at sampling events; April, July & October 2013, January & April 2014.

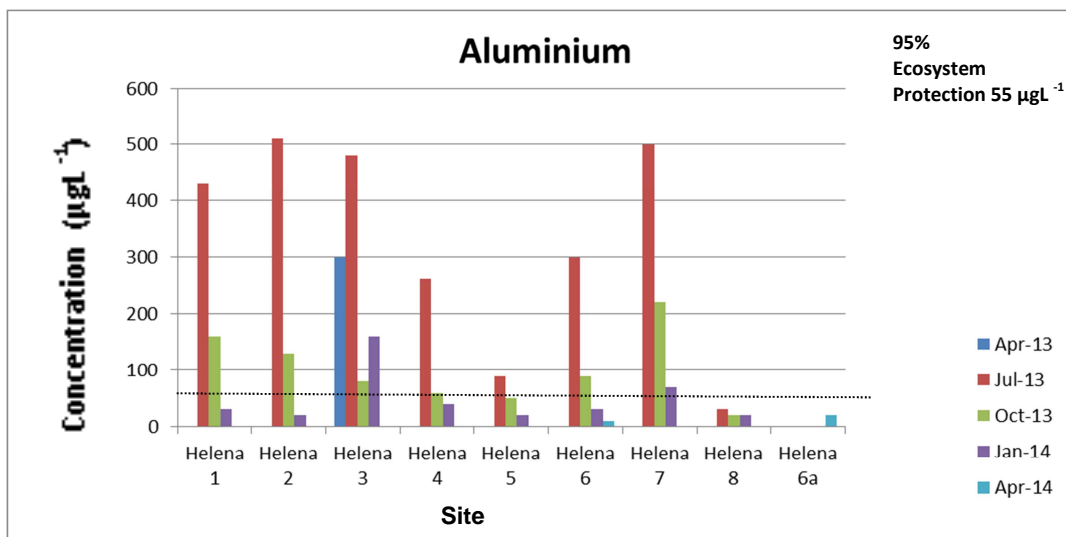


Figure 13: Aluminium detected in water at sampling events; April, July & October 2013, January & April 2014.

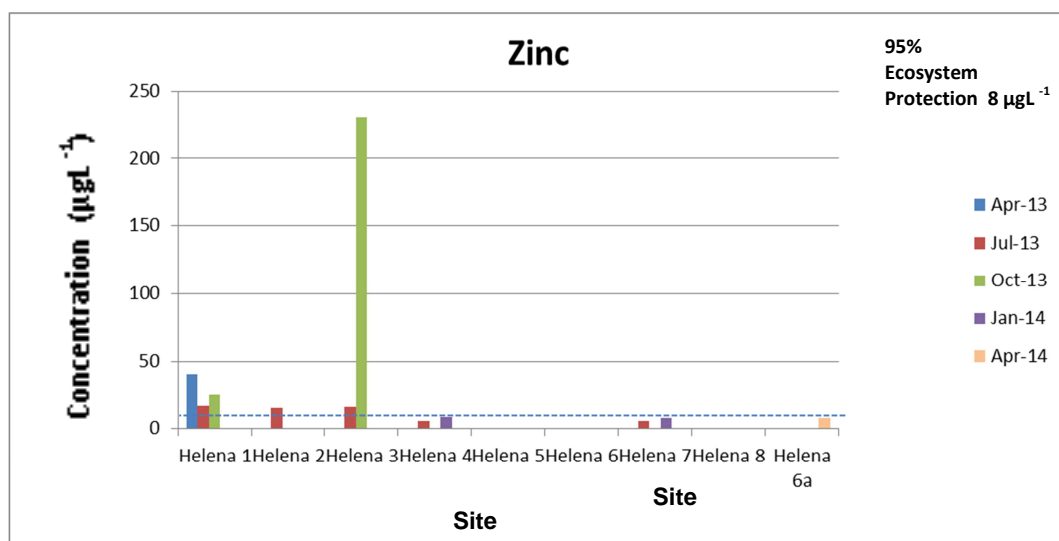


Figure 14: Zinc detected in water at sampling events; April, July & October 2013, January & April 2014.

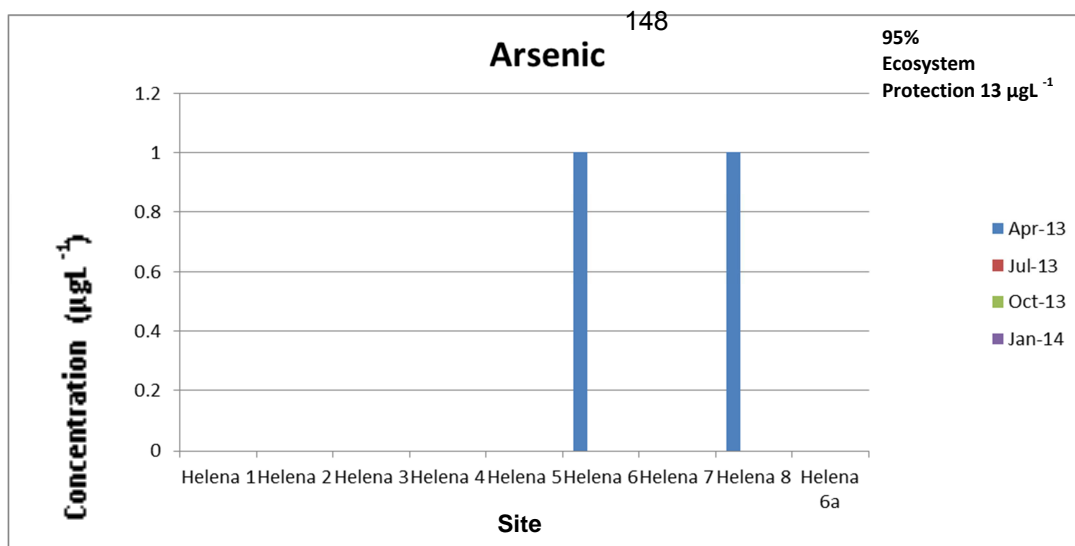


Figure 15: Arsenic detected in water at sampling events; April, July & October 2013, January & April 2014.

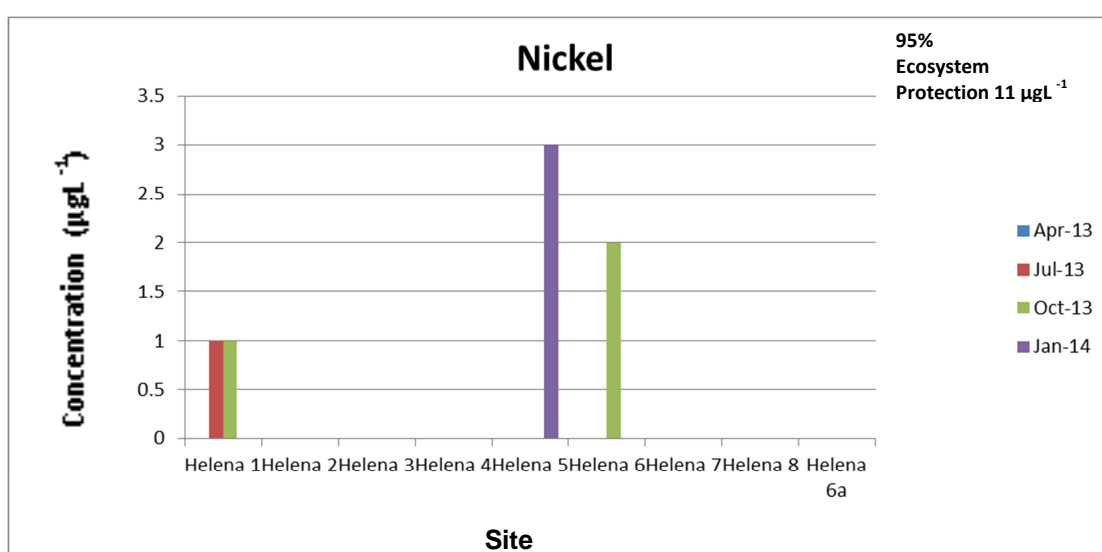


Figure 16: Nickel detected in water at sampling events; April, July & October 2013, January & April 2014.

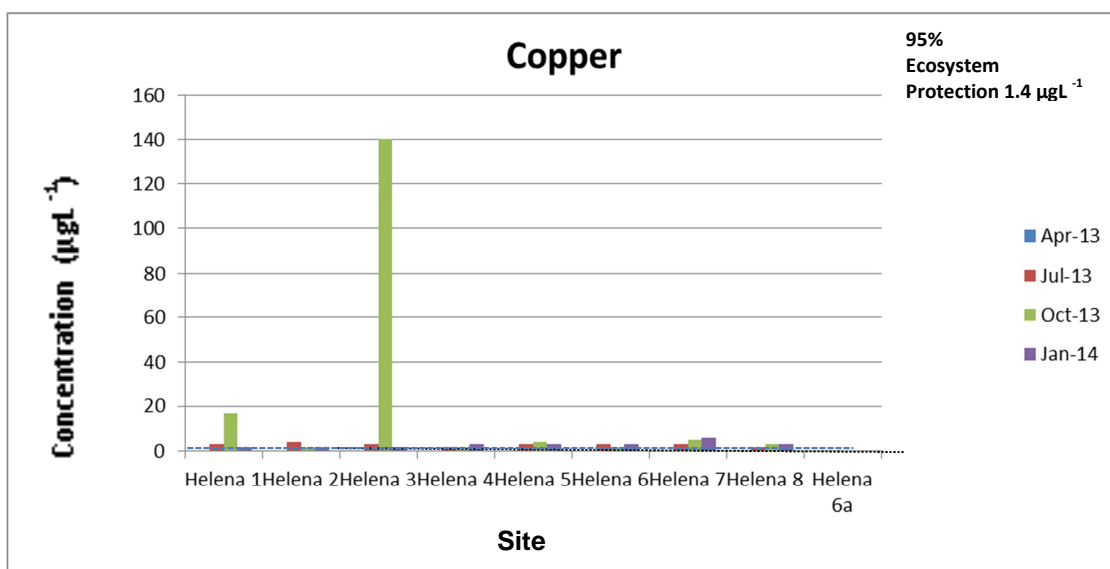


Figure 17: Copper detected in water at sampling events; April, July & October 2013, January & April 2014.

4.5.2 Metals in sediment

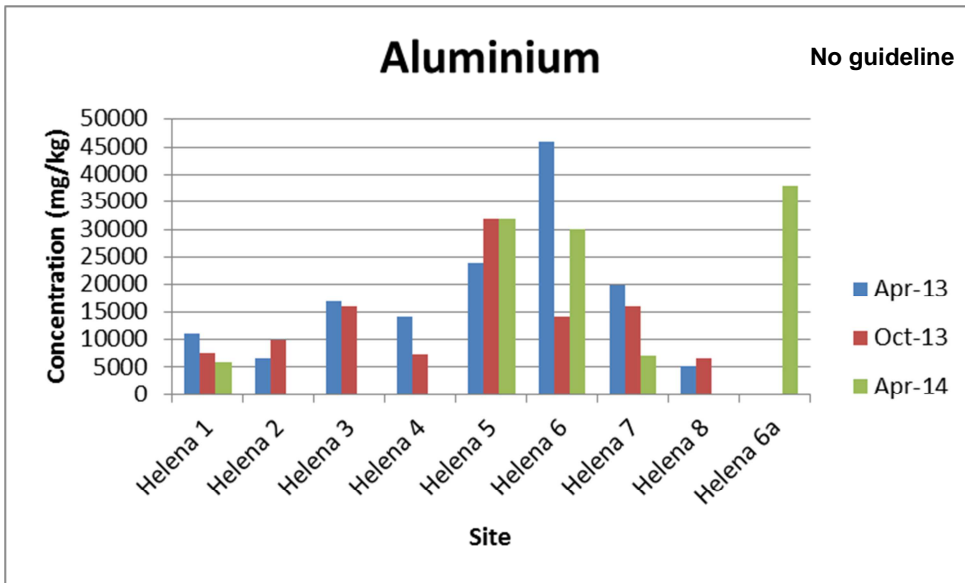


Figure 18: Aluminium detected in sediment at sampling events; April & October 2013, & April 2014.

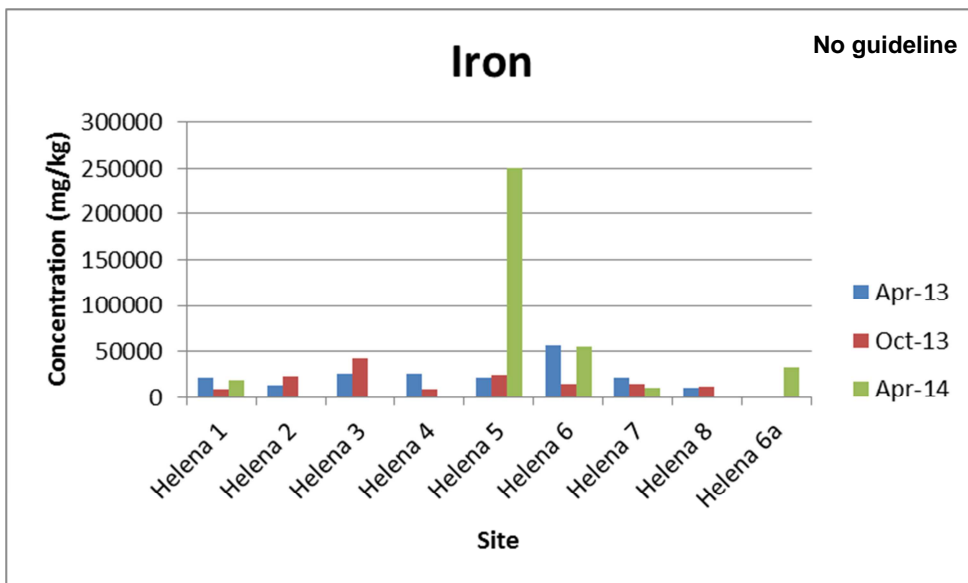


Figure 19: Iron detected in sediment at sampling events; April & October 2013, & April 2014.

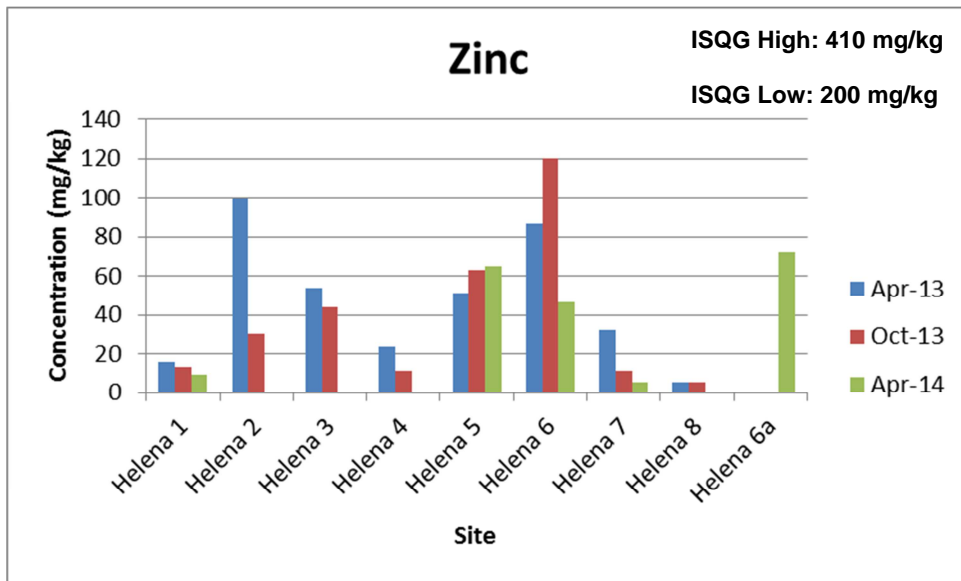


Figure 20: Zinc detected in sediment at sampling events; April & October 2013, & April 2014.

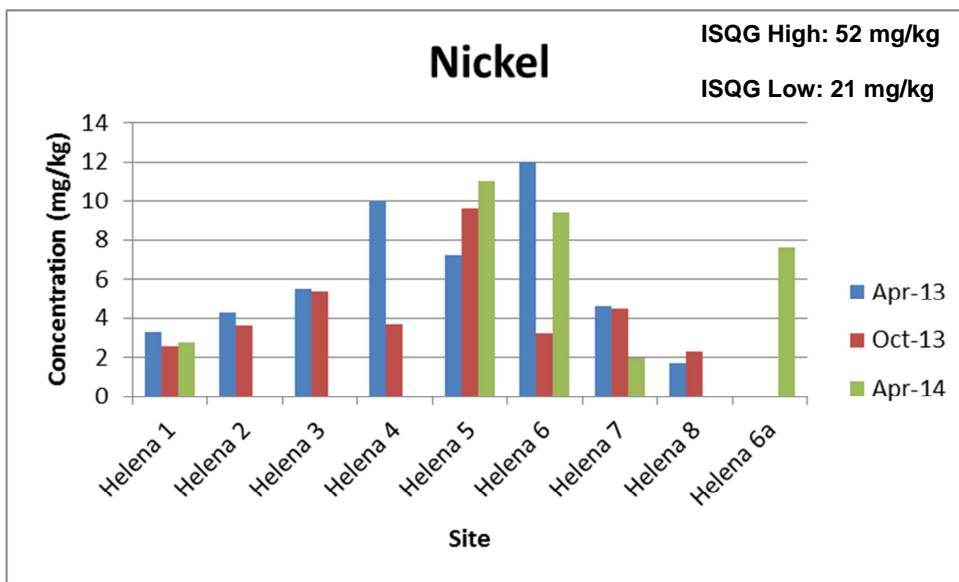


Figure 21: Nickel detected in sediment at sampling events; April & October 2013, & April 2014.

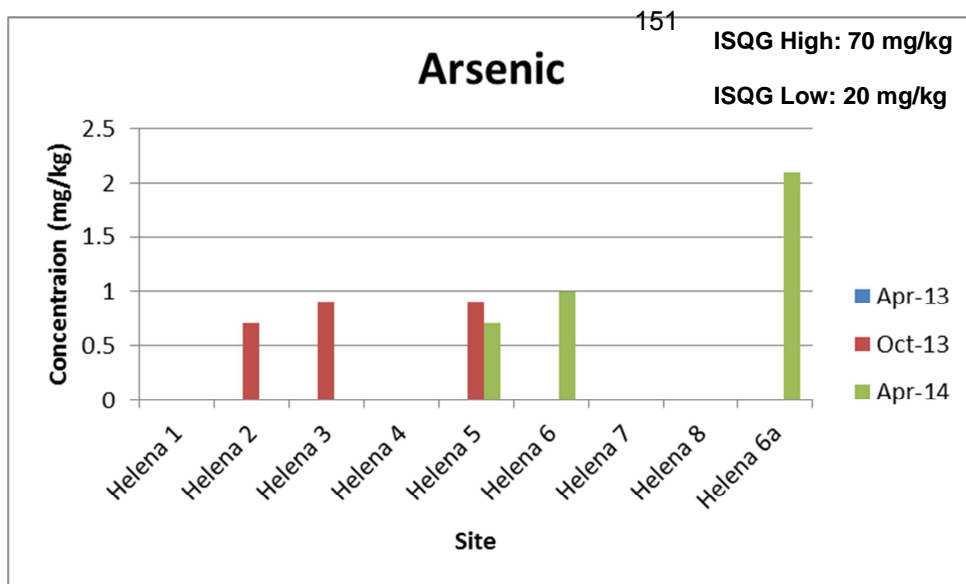


Figure 22: Arsenic detected in sediment at sampling events; April & October 2013, & April 2014.

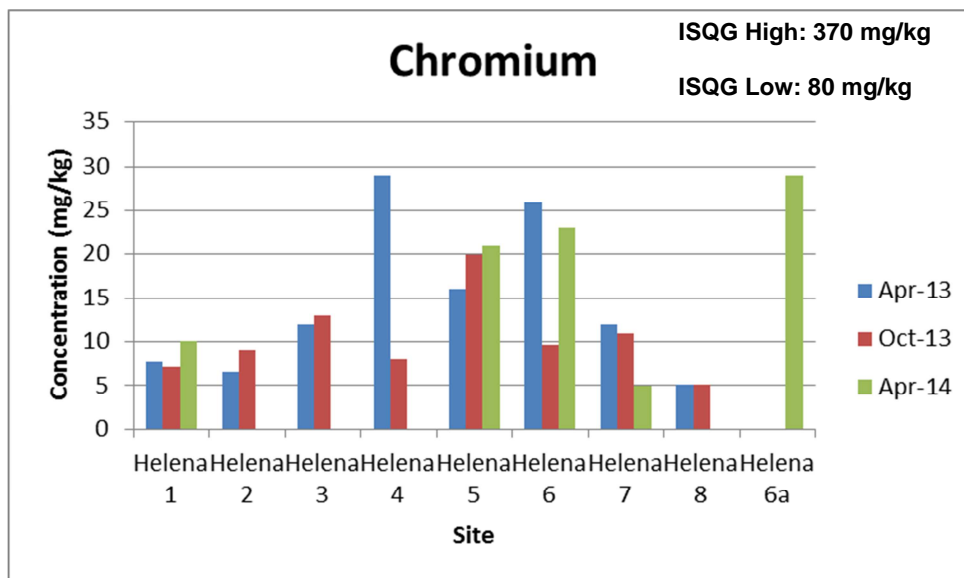


Figure 23: Chromium detected in sediment at sampling events; April & October 2013, & April 2014.

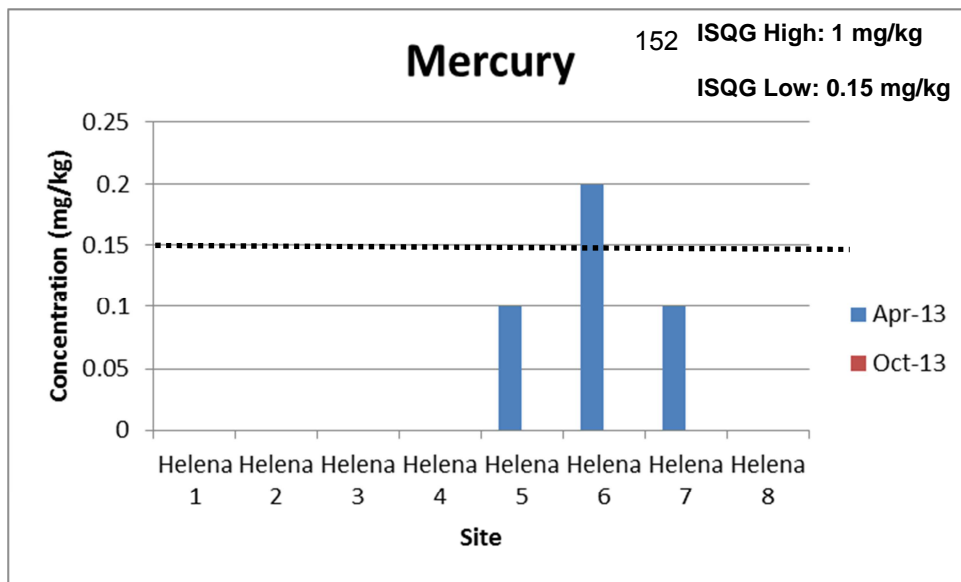


Figure 24 : Mercury detected in sediment at sampling events; April & October 2013, & April 2014.

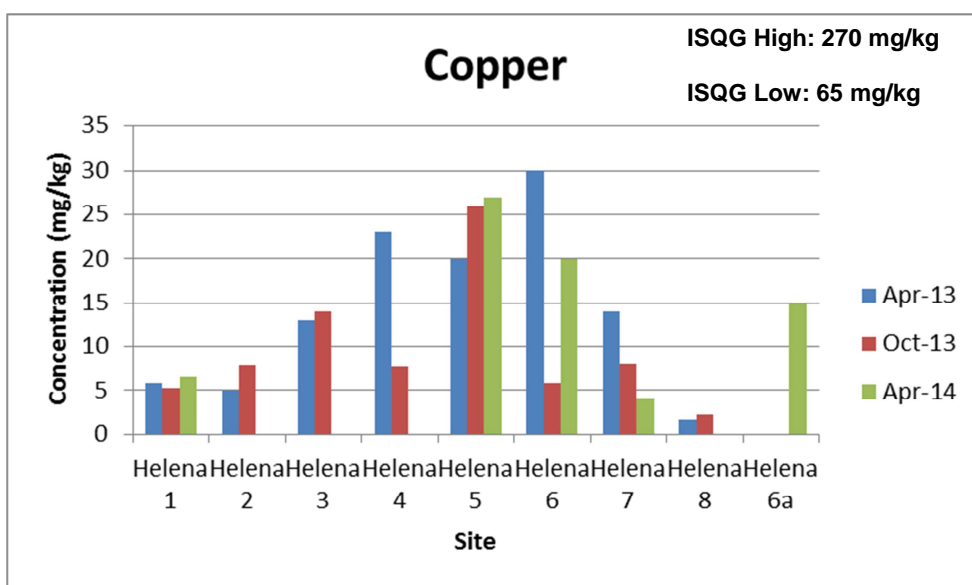


Figure 25: Copper detected in sediment at sampling events; April & October 2013, & April 2014.

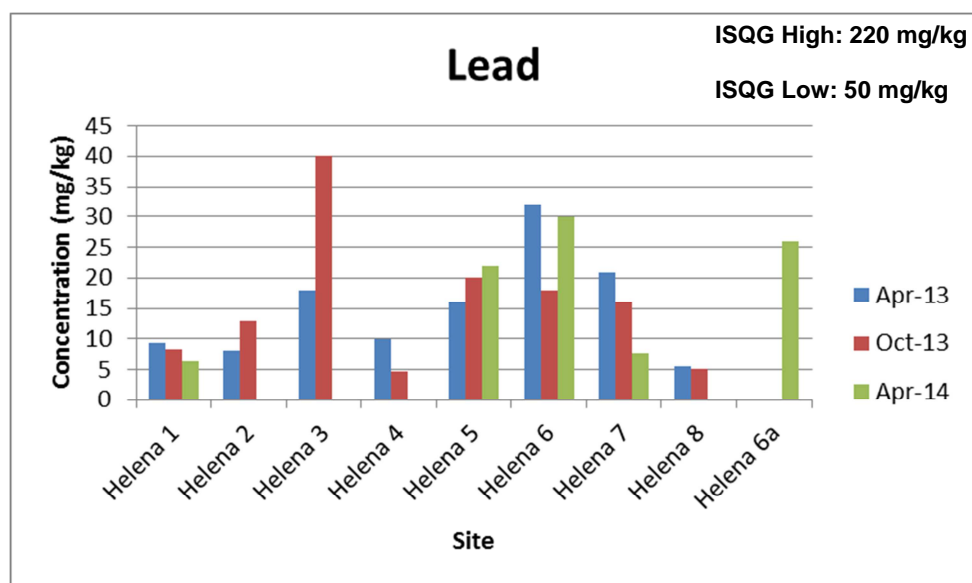


Figure 26: Lead detected in sediment at sampling events; April & October 2013, & April 2014.

4.6 PAHs and TPHs in sediment and water

Polycyclic Aromatic Hydrocarbons (PAHs)

- PAHs detected in this study were; acenaphthylene, 2-Methylnaphthalene, Naphthalene, Phenanthrene, Anthracene, Fluoranthene, Benz(a)anthracene, Pyrene, Benzo (b+ k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3,c,d) pyrene, Benzo (g,h,i) perylene and Chrysene (Table 4).
- PAHs were consistently detected in sediment with four PAHs (Fluoranthene, Pyrene, Benzo (a) pyrene, and Chrysene) detected in every sediment sampling event (Table 4) and in every sample from Helena 6. PAHs were only detected on one occasion in water samples (October 2013) and only at Helena 4 and 5. These were; 2-Methylnaphthalene and Naphthalene.
- The highest abundance of PAHs was detected at Helena 6, with levels and diversity of PAHs decreasing in Helena 5 and 7. There was one exceedance of the ANZECC ISQGs with levels of phenanthrene at Helena 6 (Figure 27). Although no other PAH data exceeded the low trigger value ISQGs, anthracene (concentration: 0.073 mg/kg; ISQG low: 0.085 mg/kg) and fluoranthene (concentration: 0.58 mg/kg; ISQG low: 0.6 mg/kg) came very close to exceeding the low trigger value.

Total Petroleum Hydrocarbons (TPHs)

- Petroleum hydrocarbons were only detected in sediment and only at the April sampling events. Most abundantly in April 2013. A decreasing gradient of Total TPHs was detected between Helena 5, 6 and 7.

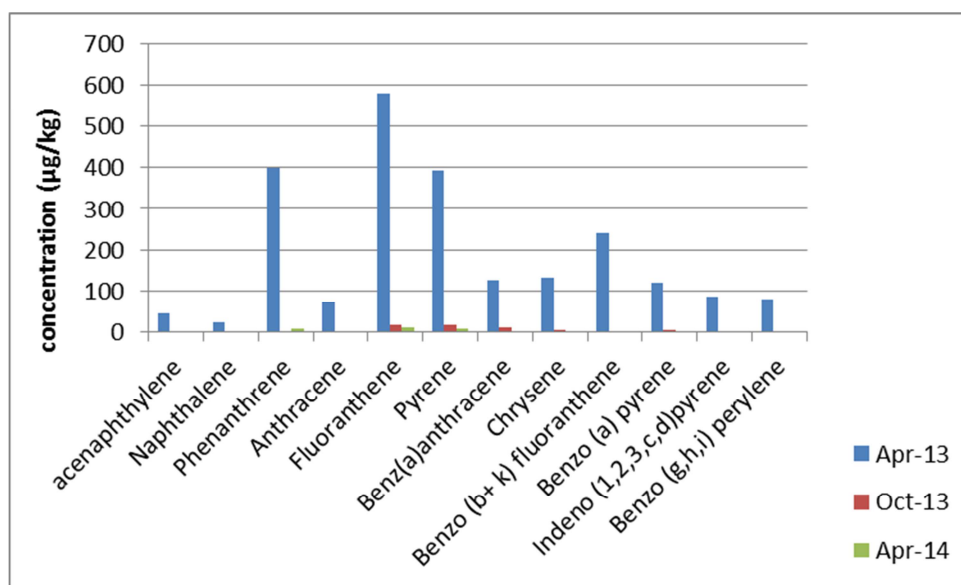



Figure 27: Total PAH concentrations ($\mu\text{g/kg}$ dry weight normalised to 1% organic carbon) detected in sediment at Helena 6 at sampling events; April and October 2013, and April 2014

Table 4: PAH concentrations detected at all sites (expressed in µg/kg dry weight). Note: data not normalised to organic carbon percentage.

	<i>Helena 1</i>			<i>Helena 2</i>			<i>Helena 3</i>		
PAH µg/kg	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14
Acenaphthylene				20					
Naphthalene									
Phenanthrene									
Anthracene									
Fluoranthene									
Pyrene									
Benz(a)anthracene									
Chrysene									
Benzo (b+ k) fluoranthene									
Benzo (a) pyrene									
Indeno (1,2,3,c,d)pyrene									
Benzo (g,h,i) perylene									
Total PAHs									

	<i>Helena 4</i>			<i>Helena 5</i>			<i>Helena 6</i>		
PAH	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14
Acenaphthylene	30			180			690		
Naphthalene							380		
Phenanthrene				50			6000		110
Anthracene							1100		
Fluoranthene				90		50	8700	30	170
Pyrene				60		30	5900	30	130
Benz(a)anthracene				30		20	1900	20	20
Chrysene				30			2000	10	30
Benzo (b+ k) fluoranthene							3600		30
Benzo (a) pyrene				40			1800	10	30
Indeno (1,2,3,c,d)pyrene							1300		
Benzo (g,h,i) perylene							1200		20
Total PAHs				500			34000		550

 < LOR

	Helena 7			Helena 8			Helena 6a		
PAH	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14	Apr 13	Oct 13	Apr 14
Acenaphthylene	80								
Naphthalene									
Phenanthrene	20								
Anthracene									
Fluoranthene	40								
Pyrene	40								
Benz(a)anthracene									
Chrysene									
Benzo (b+ k) fluoranthene									
Benzo (a) pyrene									
Indeno (1,2,3,c,d)pyrene									
Benzo (g,h,i) perylene									
Total PAHs									


 < LOR

Table 5: Polycyclic Aromatic Hydrocarbons in water

	October 2013							
Site >	1	2	3	4	5	6	7	8
Analyte (µg/L)								
Naphthalene				0.1	0.1			
2-Methylnaphthalene				0.1				

Table 6: Total Petroleum Hydrocarbons in sediment

	April 2013										April 2014		
Site >	1	2	3	4	5	6	7	8	1	5	6	7	6a
Analyte (mg/Kg)													
TPH C6 - C9		26		26	180	180	180						
TPH C10- C14		81	150	170	720	420	310						
TPH C15- C28		410	220	1000	4900	4100	2700			450			120
TPH C29 - C36		640	360	1200	4500	4400	3000						
Total TPH		1200	730	2400	10,000	9000	6200			450			

 < LOR

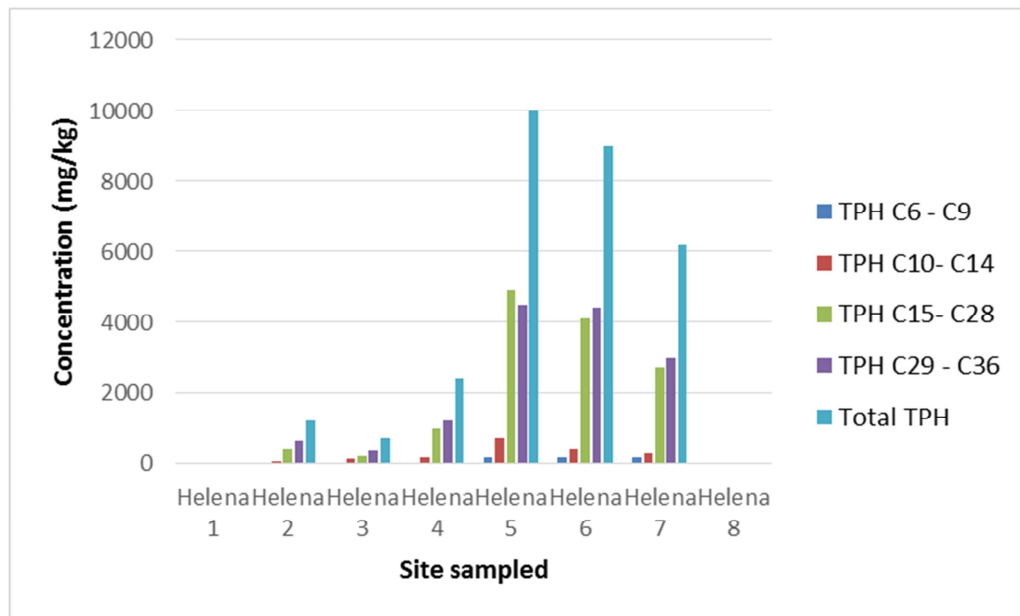


Figure 28: Total Petroleum Hydrocarbons detected in sediment in April 2013.

5 Discussion

Trends for in-situ water quality data were generally as expected, such as seasonal changes in water temperature due to increased rainfall, connection of the river and subsequent filling of pools.

Low pH at Helena 1 in April 2013 may be attributable to iron reducing bacteria as iron flocculates were noted on the day of sampling. Conductivity values fluctuated with seasonal rainfall and river flow however, Helena 1 showed high variations which are likely due to saline mixing caused by intrusion of estuarine water during the drier months. Helena 8 did not vary and was consistently high due to its position in the landscape and being fed by a saline spring.

Low dissolved oxygen was unlikely to be a function of the presence of organic matter as sites with low dissolved oxygen (Helena 1,2 and 3) did not correspond with sites that showed high organic matter (Helena 5 and 6). Helena 6a, although sampled only once, was well oxygenated but also showed relatively high organic matter.

In general, a large spike in contaminants occurred in both sediment and water from the middle Helena sites; Helena 5, Helena 6 and Helena 7 for all contaminant groups. Most contaminants were detected more frequently and at higher concentrations in sediments. The heterogeneous nature of sediments means that their size distribution can vary considerably over very short periods of time, influencing sediment contaminants, and may explain the highly variable sediment contaminant data obtained between sampling events. Some contaminants in water demonstrated seasonal influences, with lower sites showing peaks in some contaminants after winter rains.

5.1 Organics

5.1.1 Adjuvant- surfactants

Surfactants were measured in this study using the MBAS assay which specifically measures anionic (negatively charged) surfactants. Cationic (positively charged) and non-ionic surfactants were not measured in this study.

Surfactants are used in household and industry to increase the effectiveness of active ingredients within herbicides and other products. They enter water ways through waste water and overland flow. Surfactants are known to have varying degrees of toxicological effects in

aquatic ecosystems (ANZECC/ARMCANZ, 2000) but the presence of surfactants in water also increases the mobility of other pollutants increasing their bioavailability.

Higher levels of anionic surfactants were detected in the lower sites (Helena 1, 2, 3) and this was probably due to the surrounding land-use such as agriculture and industry. Another influence may be the flow of pollutants downstream, with higher levels in July after winter rains than at any other sampling. A gradient of increasing concentration was also seen between Helena 6 and 7 which may suggest a source entering the river at Helena 6.

Possible sources of surfactants within the Helena River are herbicide application or household and industrial waste water. The application of Class A fire suppressant foams is also a known cause of surfactant contamination in the environment (Adams and Simmons, 1999).

Howe *et al.* (2001) found that surfactants and surfactant blends contained within popular glyphosate formulations were likely to be the most toxic component of these products. The polyethoxylated tallowamine surfactant (POEA) was shown to cause growth abnormalities in tadpoles, inhibited metamorphosis and a skewed sex ratio towards female tadpoles. These types of effects suggest endocrine disruption caused by surfactants. The above mentioned is the same surfactant which is contained within the most commonly used glyphosate product within the Helena River catchment.

It is important to note that high salinity levels within the Helena River (Smith *et al.*, 2007) and particularly in the upper Helena, which is spring fed by a salt water aquifer; may have also influenced results obtained during this study. It has been noted that results obtained from the MBAS assay can be strongly influenced by the presence of salts, namely chloride ions. With elevated chloride levels, this interference can be significant (Çetintürk and Güven, 2009), (George and White, 1999).

None the less, due to the widespread use of surfactants in the Perth metropolitan region it is certain that surfactants are present in water ways and therefore further clarification is required to determine the source of MBAS in this study, and to eliminate other possibilities such as the transport of pollutants within groundwater.

It is worth noting that previous studies (Nice *et al.*, 2009) did not detect surfactants in surface water in the drainage of the Helena River sub-catchment. This may suggest overland flow to be the main contributor of anionic surfactants to the Helena River or alternatively a diluting effect on surfactants in drainage systems and a concentration effect in pools.

5.1.2 Glyphosate

Glyphosate based formulations are of the most widely and intensively used pesticides worldwide, being sold primarily as the isopropylamine salt and used as a foliar spray or applied as a concentration and wiped over foliage (US EPA, 2013).

Glyphosate enters the environment when it is used for non-selective control of woody and herbaceous weeds in food production, forestry and for the management of native vegetation. It is also used around water ways and can enter wetlands, streams and rivers in this way. Glyphosate can also enter the environment during manufacture, transport, storage, disposal and spills.

When entering the environment it has a strong tendency to adsorb to the upper layers of sediment. Especially those sediments high in aluminium and iron oxides (US EPA, 2013), which is a prominent characteristic of sediments of the Darling Scarp laterite. This may be a reason this study detected glyphosate in sediment and not water.

Furthermore, glyphosate has been shown to have a half-life of between 35 and 60 days but within water bodies high in organic material and suspended particles half-lives of as little as 1.5 to 11 days have been observed (Schuette, 1998). The latter may suggest that this detection is due to a local input of glyphosate, especially considering the property bordering the river is a maintained grass area that may have been subject to weed control treatment. It is possible that a more regular sampling regime may result in more frequent detections of glyphosate.

Exposure studies have been undertaken to determine acute toxicity effects of glyphosate to aquatic organisms but there is a large gap in knowledge of chronic effects over long periods of time and effects to different species and their differing life stages.

Concentration effects of glyphosate in shallow pools should also be considered. Rzymiski *et al.*, (2014) studied invertebrates in a lake that had received an acute load of glyphosate and found significant reductions (between 38% and 77%) in numbers of benthic organisms including worms, snails and insects at the sites that had been treated with glyphosate. It is likely that exposure rates in shallow pools would be significantly higher when glyphosate is being sprayed

in these areas due to summer drying, substantially reducing water volume of pools, and creating a concentration effect for organisms living in pools.

With consideration of the above discussion, the limited number of sediment sampling events undertaken in this study and the lag time between events has acted as a hindrance to obtaining accurate estimates of the presence of pesticides such as glyphosate in sites sampled. Further studies are required to determine presence and persistence of glyphosate in summertime pools.

5.1.3 Other organics

DCPA

DCPA (Dimethyl tetrachloroterephthalate) also known as Dacthal is a pre-emergent herbicide that is used to control annual grasses and broadleaf weeds in both agricultural and ornamental landscaping settings. It is classed as a possible human carcinogen.

This study detected DCPA in surface water in April 2013 and no detections occurred thereafter. There are no guidelines for the presence of DCPA in surface waters. The half-life of this compound in surface water in the presence of sunlight is 3 days so this is likely to be the reason it was not detected in sediment and may suggest a recent input to the system. It is worth noting that the single detection does not suggest this chemical was not present on other occasions. Its rapid degradation means that a more frequent sampling regime is required to determine the full extent of the presence of DCPA in pools.

In surface water, DCPA rapidly degrades into the metabolite Tetrachloroterephthalic acid (TPA). TPA is particularly mobile and persistent in the field. Data suggests that TPA will leach to groundwater wherever DCPA is used regardless of the soil type (US EPA, 1998). In addition, volatilisation from soil is a major source for DCPA residue on surface areas such as other plants, where it has not been applied. Future analyses sampling programs should include analysis for TPA in sediment, surface water and groundwater at this site.

2,4-D

2,4-dichlorophenoxyacetic acid is an acidic herbicide used to control various broadleaf weeds. Studies have found Toxicity of 2,4-D to vary considerably depending on the particular formulation it is contained within, and large variations in toxicity between test species. As found with other herbicides, toxicity effects of herbicide formulations were found to be far more severe than the 2,4-D alone (US EPA, 2004).

Due to the breakdown of this herbicide in the aqueous environment, 2,4-D is most commonly found as the free anion which makes it near impossible to test for and identify separate formulations. The low level detected in this study should be used as an indicator for further sampling to occur. No effects on ecosystem health can be assumed at this stage.

5.2 Metals

Metals can be contributed to surface waters and sediments from road runoff due to brake and tyre deterioration, fuel combustion, roof runoff, municipal waste sites, and various industrial activities such as metal refining and chemical manufacturing.

Metals were found in sediment and water and often exceeded the water quality guidelines for 95% ecosystem protection (ANZECC/ARMCANZ, 2000), however did not often exceed ISQGs. It is important to note that metals detected in surface water are for 'total metals' only, they were not filtered to remove suspended sediments and therefore these results do not necessarily reflect metal bioavailability. Future studies should use dissolved metal concentrations as a suggestion of metal bioavailability.

With the exception of iron and aluminium, metals in water were detected more sporadically. This is likely due to the fact that this study sampled summertime pools which disconnected from one another for a large portion of the year when the river was not flowing, therefore disallowing the complete transport of metal contaminants downstream. Aluminium and iron concentrations may have been more consistent throughout sites due to the inherent nature of these in the lateritic soils of this catchment. Metals may be released from the sediment in each pool. Aluminium was highest in the lower sites at the end of July, which may suggest the transfer of metals down the river in winter rainfall.

Iron detected in water at Helena 1,2 and 3 was higher in January and April when dissolved oxygen was also very low which might suggest a connection between low dissolved oxygen and metal release from sediment.

In contrast to water, with the exception of mercury and arsenic, sediment metal concentrations were more consistent across sites and tended to be highest in sediments from the middle Helena. This was likely due to the high levels of organic carbon this study found in sediments of the middle Helena.

The fate of heavy metals in aquatic environments is determined largely by the presence of biofilms on sediment. Metals will readily adsorb to sediment that is high in organic material especially those coated in metal oxides such as oxides of iron and manganese. These interactions make metals more stable bound to sediment and more likely to move out of the water column.

Chromium in water exceeded the ecosystem protection guideline on 5 occasions. Sources of chromium contamination in waterways can come from various activities such as textile, chemical and steel manufacturing as well as vehicle brakes and catalytic converters. Toxicity of chromium is dependent on its ionic state as this will determine its biological activity in the environment. Hexavalent chromium is most commonly produced by industrial processes and is much more toxic than its other forms. pH has also been shown to have dramatic consequences for ecosystem health, such as chromium toxicity in the early life stages of fresh water carp (Stouthart *et al*, 1995). Thus further investigation is required to determine the form of chromium present and its capacity for toxicity.

The detection of lead above Canadian ISQG GL and unusually high levels of copper, zinc and iron in water at Helena 3 may suggest an historic source of contamination. A contaminated site exists approximately 800 m north east of this site where a clay mine was in operation prior to 1950. Clay pits were subsequently filled with industrial wastes comprising of bituminous sludge, oily residues and acidic wastewater. Remediation to contain contaminated soil and groundwater was not undertaken until 1998. This may have caused contamination of the Helena River in this location.

It is still important to note that measures of lead do not necessarily indicate bioavailability as the presence of iron oxides in sediment under oxidising conditions has been shown to strongly immobilize and tightly bind lead to sediment. Previous studies on bottom dwelling organisms suggest that iron rich sediment can inhibit lead bioavailability (John and Leventhal, 1996).

Nonetheless, lead has a tendency to bio-accumulate in macrophytes and benthic organisms (US EPA, 2011) and with a lack of bioavailability data, further sampling and analysis is required to determine the level of risk this poses to aquatic organisms at sites where lead was detected.

It is evident from this study that a build-up of heavy metals exists in the middle reaches of the Helena River, with mercury exceeding GL levels at Helena 6. This may be due to historical

influences, such as the train line built in the late 1800's which crossed over this part of the Helena River.

It is important to understand physiochemical influences on the bioavailability of metals in aquatic environments. Such as with decreasing pH, metals desorb from surfaces, become mobile and prone to speciation. Adsorption capacity of metals varies considerably at varying pH values. Other influences such as temperature affect the speed of chemical and metabolic processes, further influencing bioavailability and uptake of these contaminants (John and Leventhal, 1996).

Further studies should be conducted to assess bioavailability of metals and the possible sources for these metals.

5.3 PAHs

Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs are a class of organic compounds that contain two or more fused aromatic rings and only hydrogen and carbon atoms. They enter the environment from incomplete combustion of organic matter such as wood burning, asphalt roads, car bodies and motor vehicle exhaust (Berko, 1999). Many are used in industry for making dye, plastics and pesticides.

Several PAHs are known to have carcinogenic effects and some have been shown to be endocrine disruptors and to cause birth defects in laboratory animals (US EPA, 2008).

PAHs enter aquatic environments in road runoff and waste water. When in these environments, their solubility is determined by factors such as pH, temperature, and dissolved oxygen, the bioavailability of other contaminants and the presence of organic matter and colloidal fractions. The rate of PAH breakdown is also determined by the number of aromatic rings, which determines the density of different PAHs (Berko, 1999).

It is also important to consider the bioavailability of PAHs to organisms in the receiving environment. The presence of organic matter in sediment will allow adsorption of PAHs to organic material, making it less available for uptake by organisms and controlling the leaching of PAHs down the soil profile (Petrizzelli *et al*, 2002).

This study detected low molecular weighted PAHs; naphthalene, phenanthrene and anthracene in sediment at Helena 6 which would suggest a recent and fresh input to the system. The same

detections were not made when sampling was repeated the same time the following year. This might suggest that an acute input occurred at this time. Alternatively, rainfall patterns may have caused higher runoff from surrounding tributaries, with high rainfall events occurring in March 2013 (BOM, 2014).

Phenanthrene normalised to 1% TOC, exceeded the ISQG low trigger value at Helena 6. Further site specific studies are required to determine the toxicological relevance of this detection.

Frequent detections of Fluoranthene, Pyrene, Benzo (a) pyrene and Chrysene in sediment may be due to their 4 and 5 ring structure, having a lower solubility and higher persistence than lower molecular weighted PAHs. Possible sources for these compounds are numerous, with all being linked with vehicle exhaust, coal tar operations, combustion of organic matter and various industrial practices (Berko, 1999).

High levels detected at Helena 6 with decreasing levels at 5 and 7 might suggest Helena 6 to be receiving high levels of PAHs, and a dilution of contaminants with flows into Helena 5 and 7.

5.4 TPHs

Total Petroleum Hydrocarbons (TPHs)

TPHs refers to a family of several hundred compounds that are derived from crude oil. Due to the large number of chemicals found in crude oil, it is not practical to measure each one separately and so they are measured together as the TPH concentration.

Petroleum hydrocarbons enter the environment through the mining, processing, use and disposal of petroleum and petroleum products.

TPHs in the C29–C36 and C15–C28 range were found in considerably higher concentrations than those within C6–C9 and C10–C22 ranges. These lower detections may be due to the fact that those in the latter ranges (lower molecular weight) are considered to be more degradable due to their compound structure, thus are less likely to persist in the environment (Battelle, 2007).

A gradient of decreasing concentration of TPHs from Helena 5 to Helena 7 was observed. This may suggest a fresh input of hydrocarbons at Helena 5 at this time and may be due to surface runoff caused by the high rainfall event prior to sampling in April 2013, with just 7mm of rainfall recorded in March 2014 compared with 71mm in March 2013. However, this study did not gain sufficient data to determine any conclusive patterns in relation to season.

This study did not detect TPHs in water; this is likely due to the nature of hydrocarbons, having low solubility in water and a high affinity for adsorption to organic matter (Battelle, 2007), and may also explain the considerably lower concentration detected in downstream sites. *Nice et al., 2009* also did not detect TPHs in surface water samples when analysing a drain site on the Helena River.

5.5 Particle Size

Sediment Quality guidelines may be used to predict when toxic effects of a contaminant are unlikely to occur, however, they do not account for change in toxicity due to sediment type, species specific effects and other environmental variables (Canadian Council of Ministers of the Environment, 1995).

Sediment fraction type and proportion, influences the oxidation and reduction potential of sediments and surrounding water. Consideration of sediment composition is essential in interpretation of the toxicological capacity of pollutants. For example, silt and clay fractions have been found to aid in the breakdown of PAHS by increasing their bioavailability (Cui *et al*, 2010), making them available for breakdown by micro-organisms in sediment.

Further, coarse sand fractions compared with silt and clay will have greater pore water and the potential to store compounds within these micro niches. The physio chemical characteristics of pore water can differ strikingly from those of surrounding water and sediments. Microorganisms living within burrows in sediment are more exposed to compounds in pore water compared with those adsorbed to sediment particles. Therefore, pollutant exposure from pore waters is generally more evident than exposure from sediments (Winger and Lasier, 1997).

Due to the influence of season and flow on sediments, particle size distribution should be determined at every sampling event. Therefore no strong inferences can be made between contaminant data and sediment particle distribution from this study.

6 Reference to previous studies

The EMRC and Wetland Research and Management (WRM) conducted fish and macro-invertebrate surveys in 2010 and 2011 to determine species composition in permanent pools along the Helena River. Findings concluded that species richness was highest at a site in the lower Helena but this was due to the presence of estuarine and marine vagrants. However, native species abundance was lower at these sites. Sites in the upper reaches of the river showed higher abundance but medium species richness.

They concluded that physical alterations to the river flow (i.e. obstructions to gene flow caused by the Lower Helena Reservoir and the Mundaring Weir) were in large part causal to these low numbers and diversity of native fish and crayfish. However, it was advised that water quality analyses be undertaken to determine if other pressures existed.

Further sampling and analysis is required to determine any conclusive links between fish paucity and pollutants in the river. However, the current study can conclude the following:

- Helena 6 was found to contain the highest concentrations and most frequent detections of pollutants; heavy metals and PAHs and TPHs. Data suggested this site to be receiving a recent or fresh source of PAHs (Figure 29). WRM also found this site to have the **highest abundance of exotic species** of all sites studied, with a **very low abundance of native** species. Mostly composed of the exotic freshwater fish *Gambusia*.
- A decreasing gradient in concentration and diversity of pollutants was detected from Helena 6 to Helena 5 and Helena 7. Fish studies showed species richness of native fish to increase between Helena 6 and 5 with pools 6 and 7 to show similar species richness but a greater abundance of native species in pool 7. Exotic species abundance also followed the same trend with a decrease in abundance from Helena 6 to Helena 5.

This comparison might suggest that sites with better water quality are supporting species to persist and reproduce in these pools and supporting a greater diversity of species as conditions become more favourable for more species.

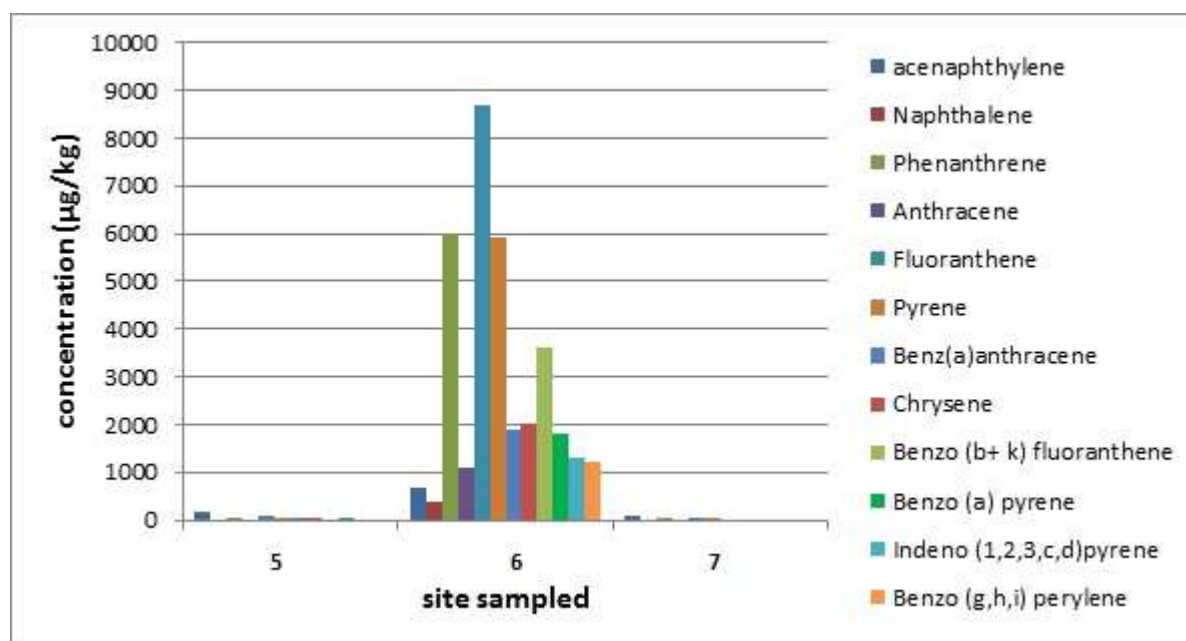


Figure 29: Raw data for PAH concentrations ($\mu\text{g/kg}$ dry weight) detected in sediment at Helena 5, 6 and 7 in April 2013.

The middle Helena River has been earmarked previously, where Klunzinger *et al.*, 2012 found deformed mussel shells in the Lower Helena Reservoir. It is suggested that shell deformities often occur due to long term exposure to heavy metals and agricultural and industrial chemicals (Klunzinger *et al.*, 2012).

This study could not make clear connections between mussel shell deformities and heavy metal contaminants; however we have identified the middle Helena as a hot spot for pollutants. Further, considering this water flows into the Lower Helena Reservoir and may accumulate for an extended period before being pumped back up stream, it is possible that contaminant exposure to mussels within the dam would be magnified.

Piesse Brook, a main tributary to the Helena River which also flows directly into the Lower Helena Reservoir, transverses land uses such as orchards and hobby farms where chemicals may be used to aid production. Therefore this may be an important area for focus of future investigations.

Although toxicity effects of common herbicides have been demonstrated for some aquatic species, toxicity effects for surfactants within herbicide formulations are not well understood and those studies that have taken place have found detrimental chronic effects to be caused by common herbicide emulsions and especially from their component surfactants alone: e.g. Howe *et al.* (2001).

Bundock *et al.*, (2013) analysed germination rates for Western Australian native seeds treated with commonly used surfactants and herbicides. Germination rates were compared to those of seeds from the controls and it was found that adjuvants often had a greater effect on germination than the active ingredients (herbicides) they were combined with. Of the test species studied, 7 out of 10 were negatively affected by two of the adjuvants studied, the third adjuvant negatively affected germination and development in all 10 species studied. Adjuvants reduced germination by as much as 65%. It is therefore important that surfactant analysis be a focus for future research.

It is also very important to note that there is a severe lack of focus on pesticide formulations, the toxicology of their individual constituents, degradates of these constituents and how these constituents interact with one-another at a molecular level as they break down. When bioaccumulation of glyphosate was measured in the benthic invertebrate *Lumbriculus variegatus*, it was shown that the accompanying constituents of the particular glyphosate formulation in question had more eco-toxicological relevance than the glyphosate itself (Contardo-Jara *et al.*, 2008). Pesticide formulations and the inter toxicity effects during their breakdown in solution requires greater focus.

7 Conclusion

This study found issues with contaminants within the middle reaches of the Helena River and select sites in the Lower Helena River. Key contaminants identified were; PAHs, heavy metals, anionic surfactants and herbicides.

The results of this study have found issues with heavy metals, surfactants and hydrocarbons, particularly PAHs. Hydrocarbon data suggests a possible connection between native fish paucity, the abundance of exotic fish; and pollutants in the river. Further investigation is required to obtain enough data to complete a statistical analysis of this relationship.

This study determined relative abundance and diversity of total metals only in sediment and water. Our results did not account for the environmental interface of microorganisms in sediment such as metals contained in pore waters or metals attached to particulate matter. Our study also did not analyse sediment physiochemical parameters and therefore does not account for speciation of metals under different physiological conditions and how this might determine metal bioavailability, bioaccumulation or toxicological effects in the environment.

The current study only allowed for snapshots of pollutants at time of sampling and does not take into consideration the environmental fate and breakdown of pollutants in wetland environments. This was a baseline study only and further investigations must encompass regimes of long term sampling together with collection of sediment toxicology data for sites identified as a priority.

Further extensive assessment and evaluation of aquatic toxicity of pesticide formulations is still required to be undertaken by government bodies and associated research organisations to determine the true risks that are involved with pesticide use.

8 RECOMMENDATIONS FOR MANAGEMENT

Major Issues

The main pollutants identified through this study were; heavy metals, PAHs and TPHs, and surfactants. It is important to note that these results do not suggest that other contaminants such as pesticides are not present in the system or causing ecosystem toxicity effects. The sparse nature of data obtained through a grab sampling program such as this does not give a true and embodied representation of water quality in the Helena River sampling area. This study is intended as a baseline on which further investigations should be based.

Although many of the contaminants tested for in this study were not detected, it should be noted that unsuitable limits of reporting exist for many of the contaminants and therefore these results do not suggest that contaminants are not present. If more suitable levels of reporting become available, a similar study should be repeated.

Recommendations:

- Revegetation and rehabilitation of riparian vegetation along channels to sites that were found to have contaminants and of areas directly fringing industrial and agricultural activities, such as Helena 1 and Helena 3. This can prevent runoff of contaminated sediment into the river and act as a barrier for flow of windblown particles into the waterway.
- Conduct a whole sediment toxicity investigation and bioaccumulation study at Helena 6, including a gradient study to determine source of hydrocarbon pollution between Helena 5, 6 and 7. Pore water should be tested for presence and concentration of hydrocarbons. If toxicity exists then benthic community structure should be analysed to determine extent of influence.
- Further analyses for non-ionic and cationic surfactants in summertime pools. Any further analyses for surfactants should aim to use methods alternative to the MBAS assay to eliminate this as a possible source of inaccuracy.
 - If subsequent studies show surfactants to be present in the pool Helena 8 then groundwater should become a focus for future analyses of surfactants.

- Develop a long term monitoring plan to identify spikes or changes in water quality that would normally be missed in a grab sampling program. This program should include metal analysis for total dissolved metals and acid soluble metals to determine actual bioavailability of metals in associated samples.
- Engage landholders and business owners to develop a pesticide tracking program to record usage, including amounts, locations and timing of pesticide applications so that a reference database can be created that enables hot spots and target areas for management to be established.
- Future studies should focus on the existence of pollutants within fish and mussel tissue as this will allow the detection of pollutants such as OC pesticides and heavy metals which are known to resist breakdown in ecosystems through persistence and bioaccumulation within animal tissues.

Table 7: Key issues identified and recommendations for their management

Identified issue	Research		Management
Pesticides and heavy metals	Fish and mussel tissue analysis for heavy metals and pesticides especially those known to bio-accumulate.	Long term monitoring program to pick up spikes and changes in water quality that would be missed in a grab sampling program.	Rehabilitation of existing riparian vegetation and revegetation of areas bordering pools especially those identified- Helena 1 and Helena 3.
PAH and TPH contamination in the Middle Helena River	Sediment toxicology investigation and gradient study at Helena 5, 6 and 7.		<ul style="list-style-type: none"> • Development of pesticide tracking programs to record usage of pesticides in industrial and agricultural settings in the Helena River Catchment. Particularly the Piesse Brook. • Continue to work with research organisations and relevant government agencies (Department of Water, Swan River Trust) to improve water quality of the Helena River Catchment.
Anionic surfactants	Further analyses for non-ionic and cat-ionic surfactants in water at all sites.		<ul style="list-style-type: none"> • Develop a community engagement and education program relating to the impacts of non-nutrient contaminants on water quality in the Helena River.

9 ACRONYMS

DCPA:	Dimethyl tetrachloroterephthalate
DO:	Dissolved oxygen
DoW:	Department of Water
EHCMP	Eastern Hills Catchment Management Program
ISQG:	Interim Sediment Quality Guidelines
LOR:	Level of Reporting
MBAS:	Methylene Blue Active Substances
NATA:	National Association of Testing Authorities
ND:	Non detect
OC pesticide:	Organochlorine pesticide
OP pesticide:	Organophosphorus pesticide
PAH:	Polycyclic Aromatic Hydrocarbon
TOC:	Total Organic Carbon
TPH:	Total Petroleum Hydrocarbon
WRM:	Wetland Research and Management

10 Glossary of terms

Bioaccumulation: The increasing concentration of a compound in the bodies of living organisms at a higher concentration than that of surrounding mediums and a resulting successive increase in concentration through the food chain.

Bioavailable: The proportion of total chemical in the environment that is available to be taken up by organisms.

Detection limit: The lowest concentration of a substance that can be reported as present with a specified degree of certainty by definite complete analytical procedures.

Endocrine disruptor: A chemical that can interfere with an organism's hormone system and produce adverse developmental, reproductive, neurological, and immune effects for that organism or its progeny.

Heavy metals: Those metals of relatively high atomic weight. These types of metals cause toxic effects especially to nervous systems.

Oxidation: The combination of oxygen with a substance or the removal of hydrogen from it, or any reaction in which an atom loses electrons.

Pesticides: "A pesticide is any substance or mixture of substances used to destroy, suppress or alter the life cycle of a pest... Pesticides include herbicides, fungicides, insecticides, fumigants, bactericides, rodenticides, baits, lures, repellents and pesticides used on animals to control external parasites" (New South Wales Environment Protection Authority, <http://www.epa.nsw.gov.au/pesticides/Pesticides.htm>).

Legally, a pesticide has the same 'definition as an agricultural chemical product' i.e. "a substance or mixture of substances that is represented, imported, manufactured, supplied or used as a means of directly or indirectly destroying, stupefying, repelling, inhibiting of, or preventing infestation by or attacks of, any pest in relation to a plant, a place or thing; or destroying a plant; or modifying the physiology of a plant or pest so as to alter its natural development, productivity, quality or productive capacity" (DoH 2010).

Polycyclic Aromatic Hydrocarbons (PAHs): A group of organic compound composed of carbon and hydrogen atoms that are formed during the incomplete combustion of coal, oil and gas, garbage, or other organic substances.

Surfactant: Compounds that lower the surface tension of a liquid, allowing for more efficient spreading of products such as herbicides, detergents, and foaming agents such as firefighting foams and retardants.

Total Petroleum Hydrocarbons (TPH): A large family of several hundred chemical compounds that are derived from crude oil and the production of petroleum products.

Pore water: The water contained in the spaces between sediment particles, in which sediment biota may be in direct association with.

11 References

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Appendix 1

Table 8: Canadian Interim Sediment Quality Guideline (ISQG) value and Probable Effect Level (PEL) for iron in water.

measured concentrations of Pb, along with concentrations of other chemicals, and associated biological effects. Biological effects associated with concentrations of Pb in sediments are compiled in the Biological Effects Database for Sediments (BEDS) (Environment Canada 1998). The Pb data sets for freshwater and marine sediments are large, with the freshwater data set containing 83 effect entries and 357 no-effect entries and the marine data set containing 95 effect entries and 307 no-effect entries (Figures 1 and 2). Both data sets represent a wide range of concentrations of Pb, types of sediment, and mixtures of

approximately 350 times the freshwater PEL and 900 times the freshwater ISQG.

Table 1. Interim sediment quality guidelines (ISQGs) and probable effect levels (PELs) for lead ($\text{mg}\cdot\text{kg}^{-1}\text{ dw}$).

	Freshwater	Marine/estuarine
ISQG	35.0	30.2
PEL	91.3	112

Canadian Environmental Quality Guidelines
Canadian Council of Ministers of the Environment, 1999

LEAD

Canadian Sediment Quality Guidelines for the Protection of Aquatic Life

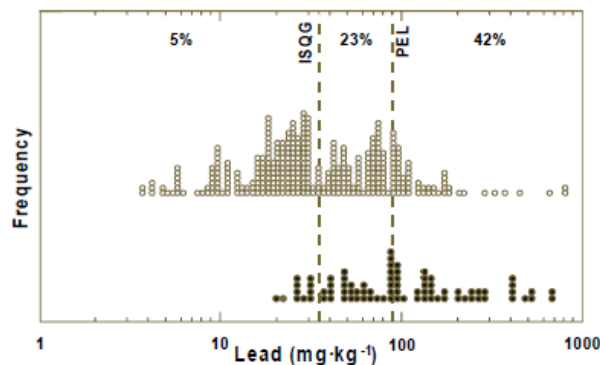


Figure 1. Distribution of concentrations of lead in freshwater sediments that are associated with adverse biological effects (●) and no adverse biological effects (○). Percentages indicate proportions of concentrations associated with effects in ranges below the ISQG, between the ISQG and the PEL, and above the PEL.

Table 9: ANZECC Interim Sediment Quality Guidelines (ISQGs)

Table 3.5.1 Recommended sediment quality guidelines^a

Contaminant	ISQG-Low (Trigger value)	ISQG-High
METALS (mg/kg dry wt)		
Antimony	2	25
Cadmium	1.5	10
Chromium	80	370
Copper	65	270
Lead	50	220
Mercury	0.15	1
Nickel	21	52
Silver	1	3.7
Zinc	200	410
METALLOIDS (mg/kg dry wt)		
Arsenic	20	70
ORGANOMETALLICS		
Tributyltin ($\mu\text{g Sn/kg dry wt.}$)	5	70
ORGANICS ($\mu\text{g/kg dry wt}$) ^b		
Acenaphthene	16	500
Acenaphthalene	44	640
Anthracene	85	1100
Fluorene	19	540
Naphthalene	160	2100
Phenanthrene	240	1500
Low Molecular Weight PAHs ^c	552	3160
Benzo(a)anthracene	261	1600
Benzo(a)pyrene	430	1600
Dibenzo(a,h)anthracene	63	260
Chrysene	384	2800
Fluoranthene	600	5100
Pyrene	665	2600
High Molecular Weight PAHs ^c	1700	9600
Total PAHs	4000	45000
Total DDT	1.6	46
p,p'-DDE	2.2	27
o,p'- + p,p'-DDD	2	20
Chlordane	0.5	6
Dieldrin	0.02	8
Endrin	0.02	8
Lindane	0.32	1
Total PCBs	23	–

^a Primarily adapted from Long et al. (1995);

^b Normalised to 1% organic carbon;

^c Low molecular weight PAHs are the sum of concentrations of acenaphthene, acenaphthalene, anthracene, fluorene, 2-methylnaphthalene, naphthalene and phenanthrene; high molecular weight PAHs are the sum of concentrations of benzo(a)anthracene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, fluoranthene and pyrene.

Table 10: ANZECC Water Quality Guidelines for the protection of Ecosystem Health- 95% level of protection

Chemical		Trigger values for freshwater ($\mu\text{g/L}^{-1}$)			
		Level of protection (% species)			
		99%	95%	90%	80%
METALS & METALLOIDS					
Aluminium	pH >6.5	27	55	80	150
Aluminium	pH <6.5	ID	ID	ID	ID
Antimony		ID	ID	ID	ID
Arsenic (As III)		1	24	94 ^C	360 ^C
Arsenic (AsV)		0.8	13	42	140 ^C
Beryllium		ID	ID	ID	ID
Bismuth		ID	ID	ID	ID
Boron		90	370 ^C	680 ^C	1300 ^C
Cadmium	H	0.06	0.2	0.4	0.8 ^C
Chromium (Cr III)	H	ID	ID	ID	ID
Chromium (CrVI)		0.01	1.0 ^C	6 ^A	40 ^A
Cobalt		ID	ID	ID	ID
Copper	H	1.0	1.4	1.8 ^C	2.5 ^C
Gallium		ID	ID	ID	ID
Iron		ID	ID	ID	ID
Lanthanum		ID	ID	ID	ID
Lead	H	1.0	3.4	5.6	9.4 ^C
Manganese		1200	1900 ^C	2500 ^C	3600 ^C
Mercury (inorganic)	B	0.06	0.6	1.9 ^C	5.4 ^A
Mercury (methyl)		ID	ID	ID	ID
Molybdenum		ID	ID	ID	ID
Nickel	H	8	11	13	17 ^C
Selenium (Total)	B	5	11	18	34
Selenium (SeIV)	B	ID	ID	ID	ID
Silver		0.02	0.05	0.1	0.2 ^C
Thallium		ID	ID	ID	ID
Tin (inorganic, SnIV)		ID	ID	ID	ID
Tributyltin (as $\mu\text{g/L}$ Sn)		ID	ID	ID	ID
Uranium		ID	ID	ID	ID
Vanadium		ID	ID	ID	ID
Zinc	H	2.4	8.0 ^C	15 ^C	31 ^C
Polycyclic Aromatic Hydrocarbons					
Naphthalene		2.5	16	37	

Table 11: ANZECC guidelines for recreational purposes- MBAS

Table 5.2.3 Summary of water quality guidelines for recreational purposes: general chemicals

Parameter	Guideline values (µg/L, unless otherwise stated)
<i>Inorganic:</i>	
Arsenic	50
Asbestos	NR
Barium	1000
Boron	1000
Cadmium	5
Chromium	50
Cyanide	100
Lead	50
Mercury	1
Nickel	100
Nitrate-N	10 000
Nitrite-N	1000
Selenium	10
Silver	50
<i>Organic:</i>	
Benzene	10
Benzo(a)pyrene	0.01
Carbon tetrachloride	3
1,1-Dichloroethene	0.3
1,2-Dichloroethane	10
Pentachlorophenol	10
Polychlorinated biphenyls	0.1
Tetrachloroethene	10
2,3,4,6-Tetrachlorophenol	1
Trichloroethene	30
2,4,5-Trichlorophenol	1
2,4,6-Trichlorophenol	10
<i>Radiological:</i>	
Gross alpha activity	0.1 Bq/L
Gross beta activity (excluding activity of ⁴⁰ K)	0.1 Bq/L
<i>Other chemicals:</i>	
Aluminium	200
Ammonia (as N)	10
Chloride	400 000
Copper	1000
Oxygen	>8.5 (>80% saturation)
Hardness (as CaCO ₃)	500 000
Iron	300
Manganese	100
Organics (CCE & CAE)	200
pH	6.5–8.5
Phenolics	2
Sodium	300 000
Sulfate	400 000
Sulfide	50
Surfactant (MBAS)	200
Total dissolved solids	1 000 000
Zinc	5000

NR = No guideline recommended at this time; MBAS Methylene blue active substances

Table 12: ANZECC Water Quality Guidelines for physical variables in Lowland Rivers.

Tables 3.3.6–3.3.7 South-west Australia

The following tables outline default trigger values applicable to southern Western Australia. Where regional guideline trigger values have been developed, those values should be used in preference to the default values provided below. The WA EPA is currently developing site-specific environmental quality criteria for Perth's coastal waters. (Upland streams are defined as those at >150 m altitude.)

Table 3.3.6 Default trigger values for physical and chemical stressors for south-west Australia for slightly disturbed ecosystems. Trigger values are used to assess risk of adverse effects due to nutrients, biodegradable organic matter and pH in various ecosystem types. Data derived from trigger values supplied by Western Australia. Chl *a* = chlorophyll *a*, TP = total phosphorus, FRP = filterable reactive phosphate, TN = total nitrogen, NO_x = oxides of nitrogen, NH₄⁺ = ammonium, DO = dissolved oxygen.

Ecosystem type	Chl <i>a</i> (µg L ⁻¹)	TP (µg P L ⁻¹)	FRP (µg P L ⁻¹)	TN (µg N L ⁻¹)	NO _x (µg N L ⁻¹)	NH ₄ ⁺ (µg N L ⁻¹)	DO (% saturation) ⁱ		pH	
							Lower limit	Upper limit	Lower limit	Upper limit
Upland river ^f	na ^a	20	10	450	200	60	90	na	6.5	8.0
Lowland river ^f	3–5	65	40	1200	150	80	80	120	6.5	8.0
Freshwater lakes & reservoirs	3–5	10	5	350	10	10	90	no data	6.5	8.0
Wetlands ^d	30	60	30	1500	100	40	90	120	7.0*	8.5*
Estuaries	3	30	5	750	45	40	90	110	7.5	8.5
Marine ^{a,h} Inshore ^c	0.7	20 ^b	5 ^b	230	5	5	90	na	8.0	8.4
Offshore	0.3 ^b	20 ^b	5	230	5	5	90	na	8.2	8.2

na = not applicable

a = monitoring of periphyton and not phytoplankton biomass is recommended in upland rivers — values for periphyton biomass (mg Chl *a* m⁻²) to be developed;

b = summer (low rainfall) values, values higher in winter for Chl *a* (1.0 µg L⁻¹), TP (40 µg P L⁻¹), FRP (10 µg P L⁻¹);

c = inshore waters defined as coastal lagoons (excluding estuaries) and embayments and waters less than 20 metres depth;

d = elevated nutrient concentrations in highly coloured wetlands (given >52 g₄₄₀m⁻¹) do not appear to stimulate algal growth;

e = in highly coloured wetlands (given >52 g₄₄₀m⁻¹) pH typically ranges 4.5–6.5;

f = all values derived during base river flow conditions not storm events;

g = nutrient concentrations alone are poor indicators of marine trophic status;

h = these trigger values are generic and therefore do not necessarily apply in all circumstances e.g. for some unprotected coastlines, such as Albany and Geographe Bay, it may be more appropriate to use offshore values for inshore waters;

i = dissolved oxygen values were derived from daytime measurements. Dissolved oxygen concentrations may vary diurnally and with depth. Monitoring programs should assess this potential variability (see Section 3.3.3.2).

Table 3.3.7 Range of default trigger values for conductivity (EC, salinity), turbidity and suspended particulate matter (SPM) indicative of slightly disturbed ecosystems in south-west Australia. Ranges for turbidity and SPM are similar and only turbidity is reported here. Values reflect high site-specific and regional variability. Explanatory notes provide detail on specific variability issues for ecosystem types.

Ecosystem type	Salinity (µS cm ⁻¹)	Explanatory notes
Upland & lowland rivers	120–300	Conductivity in upland streams will vary depending upon catchment geology. Values at the lower end of the range are typically found in upland rivers, with higher values found in lowland rivers. Lower conductivity values are often observed following seasonal rainfall.
Lakes, reservoirs & wetlands	300–1500	Values at the lower end of the range are observed during seasonal rainfall events. Values even higher than 1500 µS cm ⁻¹ are often found in saltwater lakes and marshes. Wetlands typically have conductivity values in the range 500–1500 µS cm ⁻¹ over winter. Higher values (>3000 µS cm ⁻¹) are often measured in wetlands in summer due to evaporative water loss.

Appendix 2

Table 13 Limits of reporting and methods of laboratory analysis for analytes in freshwater and sediment

Parameter	Method of analysis		water	sediment
	water	sediment	Limit of Reporting (ug/L)	Limit of reporting (mg/kg)
Surfactant (MBAS)		-	1	1
Glyphosate	GC-ITDS analysis	Total Acid Extractable and Dissolved Elements in Water (APHA (21st Edition), 3010 and 3030 USEPA 6010, 6020, 200.7, 200.8 and 200.2	50	-
Chlorinated Acidic Pesticides	GC-ITDS analysis			
2,4-D			0.1	0.1
2,4 – DB			-	0.1
2,4,5-T			0.1	0.1
2,4,6-T			0.1	-
2,4,5 - TP			-	0.1
MCPA			0.1	0.1
MCP			-	0.1
Dicamba			0.1	0.1
Dichloroprop			-	0.1
Triclopyr			0.1	0.1
Picloram			0.2	0.1
Fluazifop			0.4	0.1
Fluroxypyr			-	0.1
Clopyralid			0.4	0.1
Metsulfuron methyl			0.5	1
Organochlorine Pesticides	GC-ECD analysis (EPA 3510C, 3620B, 3660B, APHA 6630, NATA Tech Note 10)			
Aldrin			0.001	0.01
BHC's			0.001	-
alpha - BHC			-	0.01
beta - BHC			-	0.01
delta - BHC			-	0.01
gamma - BHC (Lindane)			-	0.01
Bifenthrin			0.05	-
Chlordane			0.001	-
cis - Chlordane			-	0.01
trans - Chlordane			-	0.01
Oxychlordane			0.001	0.01
Chlorothalonil			0.01	-
Dieldrin			0.001	0.01

Parameter	Method of analysis		water	sediment
	water	sediment	Limit of Reporting (ug/L)	Limit of reporting (mg/kg)
DDE			0.001	0.01
DDD			0.001	0.01
DDT			0.001	0.01
Fipronil			0.02	-
HCB			0.001	0.01
Heptachlor			0.001	0.01
Heptachlor epoxide			0.001	0.01
Endrin			0.01	0.01
Endrin aldehyde			-	0.01
Endrin ketone			-	0.01
Endosulphan I			0.001	0.01
Endosulphan II			0.001	0.01
Endosulphan Sulphate			0.001	0.01
Methoxychlor			0.02	0.01
Vinclozolin			0.02	-
Organophosphate Pesticides	GC-ECD analysis (EPA 3510C, 3620B, 3660B, APHA 6630, NATA Tech Note 10)			
Azinphos ethyl			-	0.1
Azinphos methyl			-	0.1
Bromophos ethyl			0.005	-
Chlorfenvinphos (E)			-	0.1
Chlorfenvinphos (Z)			-	0.1
Chlorpyrifos			0.005	0.1
Chlorpyrifos methyl			-	0.1
Demeton - S - methyl			-	0.1
Diazinon			0.01	0.1
Dichlorvos			-	0.1
Dimethoate			-	0.1
Ethion			0.01	0.1
Fenitrothion			0.01	0.1
Fenthion			-	0.1
Malathion			0.01	0.1
Parathion (ethyl)			0.02	0.1
Parathion methyl			0.02	0.1
Pirimiphos ethyl			-	0.1
Pirimiphos methyl			-	0.1
Heavy Metals	ICP-OES, ICP-MS, AAS (APHA, 3030, 3110, EPA 3120; APHA 3125, EPA 200.2, 200.8; APHA, 3030, 3110, Varian analytical methods for flame spectroscopy, EPA 7000B)			
Al			10	1

Parameter	Method of analysis		water	sediment
	water	sediment	Limit of Reporting (ug/L)	Limit of reporting (mg/kg)
As			1	0.5
Cd			0.1	0.5
Cr			1	0.5
Cu			1	0.5
Fe			10	1
Zn			5	0.5
Ni			1	0.5
Pb			1	0.5
Se			1	0.5
Hg	AAS-VGA analysis (ASTM D 3223-95, APHA 3112 B, EPA SW-846 Method 7471A, Varian VGA-77, Publication No 85 101047 00)		0.1	0.2
PAH	GC-ITDS analysis (ASTM Standards Method No D 4657-92, EPA 3510C, 8270C, British Columbia Ministry of Water, Land and Air Protection, Analytical Method 7)			
Acenaphthene				0.5
Acenaphthylene				0.5
Anthracene				0.5
Benz[a]anthracene				0.5
Benzo[a]pyrene				0.5
Benzo[b,k]fluoranthene				1
Benzo[g,h,i]perylene				0.5
Chrysene				0.5
Dibenz[a,h]anthracene				0.5
Fluoranthene				0.5
Fluorene				0.5
Indeno[1,2,3-cd]pyrene				0.5
Naphthalene				0.5
2-Methyl-naphthalene				
Phenanthrene				0.5
Pyrene				0.5
TPH	GC-FID analysis (EPA 3510C, Contaminated soils: diesel fuel contamination / Paul T. Kostecki, Edward J. Calabrese, 1992, California Department of			

	Method of analysis		water	sediment
Parameter	water	sediment	Limit of Reporting (ug/L)	Limit of reporting (mg/kg)
	Health Services USA method , 1985. Recommended Methods of Analysis for Organic Components, required by AB 1893)			
C6 - C9			20	25
C10 - C14			20	50
C15 - C28			40	100
C29 - C36			40	100



1.5 TRANSPORT ISSUES IN PERTH'S EASTERN REGION – COMMUNITY ENGAGEMENT EXERCISE

REFERENCE: D2015/00754 (CEOAC) – D2015/01965

PURPOSE OF REPORT

This report summarises the key findings contained in the attached report - *Transport Issues in Perth's Eastern Region - Community Engagement Exercise*.

KEY ISSUE(S)

- Regional Integrated Transport Strategy (RITS) Action Plan 2010-2013 identified a key focus area of community engagement, education and behaviour change.
- The RITS Implementation Advisory Group (IAG) identified the need to undertake community consultation to gain a better understanding of the transport desires and issues within each member Council.
- The EMRC utilised a new e-engagement mapping tool, developed by ARUP, to collect community feedback on transport issues in Perth's Eastern Region.
- Over 400 community comments were received over the four week community engagement period.
- The results have been collated and are presented in the attached report.

SOURCE OF REPORT

Director Regional Services
Manager Regional Development

BACKGROUND

The Regional Integrated Transport Strategy (RITS) Action Plan 2010-2013 identified a key focus area of community engagement, education and behaviour change. The RITS Implementation Advisory Group (IAG) identified the need to undertake community consultation to gain a better understanding of the transport desires and issues within each member Council.

As a result, the EMRC utilised a new e-engagement tool to collect feedback from the community on transport issues in Perth's Eastern Region. *Collaborative Map* is a mapping tool that is viewed in a standard internet browser and uses the Google Maps interface as its source of road, property boundary, satellite imagery and address search data.

The purpose of this community engagement exercise was to identify and highlight transport issues within each member Council. These issues included congestion, road safety, parking, freight, public transport, cycling and walking. The tool, developed and hosted by Arup, provided an opportunity for the community to identify or comment on transport issues and highlight infrastructure that would benefit the Region. Members of the community were able to log into the site, pinpoint the location of their concern and record their comments. Additionally, it allowed the user to agree or disagree with other community members comments.

This e-engagement tool demonstrated a new and effective way for local governments to engage with the community and increase accessibility through use of digital technology.

The *Collaborative Map* tool was promoted in EMRC and member Councils corporate publications and a number of external agencies newsletters with links to transport as well as local community newspapers.



Item 1.5 continued

Initial findings were presented to the RITS IAG at its meeting of 26 November 2014 and whilst it provided a quick snapshot of the comments received grouped by member Council's top 10 comments, a full analysis has now been completed.

The findings will be released to the community and key stakeholders, highlighting the key areas of community feedback, once the report has been presented to Council.

REPORT

During the community engagement period (23 September 2014 - 27 October 2014) a total of 411 comments on transport issues in Perth's Eastern region were received.

Cycling issues attracted the largest number of comments followed by motor vehicle issues and public transport. The City of Swan and City of Belmont attracted the most community responses.

The full report, including findings, is attached (D2015/00758).

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 2 – Social Opportunities

2.1 To facilitate regional cultural and recreational activities

Key Result Area 3 – Economic Development

3.1 To facilitate increased investment in regional infrastructure

3.2 To facilitate regional economic development activities

Key Result Area 4 – Good Governance

4.1 To provide advice and advocacy on issues affecting Perth's Eastern Region

FINANCIAL IMPLICATIONS

The funding to facilitate Regional Development projects and activities is developed and agreed with member Councils as part of the annual budget and review process and was included in the 2014-2015 operational budget.

SUSTAINABILITY IMPLICATIONS

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



Item 1.5 continued

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	Ongoing member Council officer time is required to provide advice and information to the EMRC through the RITS IAG to ensure projects are being delivered in accordance with member Council expectations.

ATTACHMENT(S)

EMRC Project Report - 'Transport Issues in Perth's Eastern Region – Community Engagement Exercise'
(Ref: D2015/01968)



Advancing Perth's Eastern Region 

Transport Issues in Perth's Eastern Region



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Community Engagement

January 2015



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1. Transport Community Engagement Purpose

To align with the RITS key focus areas, the RITS Implementation Advisory Group (IAG) identified the need to undertake community consultation to gain a better understanding of the transport desires and issues within each member Council.

As a result, the EMRC utilised a new e-engagement tool to collect feedback from the community on transport issues in Perth's Eastern Region. *Collaborative Map* is a mapping tool that is viewed in a standard internet browser and uses the Google Maps interface as its source of road, property boundary, satellite imagery and address search data.

The purpose of this community engagement exercise was to identify and highlight transport issues within each member Council. These issues included congestion, road safety, parking, freight, public transport, cycling and walking. The tool, developed and hosted by Arup, provided an opportunity for the community to identify or comment on transport issues and highlight infrastructure that would benefit the Region. Members of the community were able to log into the site, pinpoint the location of their concern and record their comments. Additionally, it allowed the user to agree or disagree with other community members comments.

2. Overview of Perth's Eastern Region

The Eastern Metropolitan Regional Council (EMRC) area constitutes around one-third of Perth's metropolitan area, encompassing a land area of about 2,100 square kilometres and an estimated population of 349,793 people. Spanning inner urban areas to outer metropolitan and urban fringe developments, this area is a growing vibrant region. EMRC has six member councils: the Town of Bassendean, City of Bayswater, City of Belmont, Shire of Kalamunda, Shire of Mundaring and City of Swan.

Strategically located, Perth's Eastern Region hosts Western Australia's major air, road and rail transport hub for movement of freight and passengers throughout Perth, intrastate, interstate and overseas. The major industrial areas of Malaga, Welshpool, Kewdale, Hazelmere, Forrestfield, Bayswater and Bassendean play key roles in transport, storage, manufacturing and logistics servicing the state's construction and resource sectors.

Perth's Eastern Region is undergoing rapid expansion and growth with major capital investments including intermodal freight terminal development, major airport and road redevelopment and education and health investment. Increasingly, the inner city areas are becoming home to large national and international companies seeking office and commercial accommodation within close proximity of the city, key stakeholders and major transport routes.

The Region has world class wineries, an abundance of heritage and cultural attractions and some of the state's most beautiful national parks and walking trails, all within 5-45 minutes of Perth's CBD. The Swan River provides an iconic recreational and heritage precinct, as well as supporting the renowned vineyards along its valley. Other major features include the Perth Hills wine region, Mundaring Weir and Lake Leschenaultia.

3. Regional Integrated Transport Strategy

The EMRC and its six member Councils are committed to working with government and commercial partners to create a transport network in Perth's Eastern Region that is efficient, safe and integrates all modes of transport.



The Regional Integrated Transport Strategy (RITS) 2014-2016 provides the necessary direction and guidance and is structured around five key focus areas and objectives.

The five key focus areas and objectives include:

- Integrated Transport and Land Use Planning
- Public Transport Service Provision
- Connectivity and Accessibility for Walking and Cycling
- Road and Rail Infrastructure
- Community Engagement, Education and Behaviour Change

4. Promotion and Advertising

This e-engagement tool demonstrated a new and effective way for local governments to engage with the community and increase accessibility through use of digital technology.

The *Collaborative Map* tool was promoted in EMRC and member Councils corporate publications and a number of external agencies newsletters with links to transport as well as local community newspapers.

4.1 Online Advertising

Below is a table summarising the website statistics provided by Google Analytics and highlights the number of “New Visitors” and the number of total “Visits” yielded from each advertising means. In total, 193 new visitors and 449 visits were recorded.

Table 1. Summary of the website statistics from various online advertising means.

	Date Published	New Visitors	Visits
Bicycling WA e-newsletter ¹	10/10/2014	52	64
Shire of Mundaring e-newsletter			
Shire of Mundaring Corporate Website	26/9/2014	31	44
Shire of Mundaring Facebook Page			
Email (direct to interested contacts)	Various	24	62
EMRC Corporate Website ²	26/9/2014	19	30
EMRC Corporate Newsletter ³	24/9/2014	17	33
TravelSmart Officer Network (email)	25/9/2014	9	13
RITS IAG (email)	23/9/2014	8	35
EMRC Staff (email)	25/9/2014	8	57
	20/10/2014	4	25
WestCycle e-newsletter (CycleSport)	7/10/2014	6	8
TravelSmart Group (Member Council) (email)	25/9/2014	4	18
EDOG (email)	25/9/2014	3	16
Other	Unknown	3	7
Heart Foundation Walking Area Coordinators : Kalamunda, Bassendean, Belmont (email)	1/10/2014	2	4
Healthy Active by Design (Heart Foundation)	7/10/2014	1	6
CEBA business news	6/10/2014	1	5
Swan Chamber of Commerce E-Newsletter			
Swan Chamber of Commerce website	7/10/2014	1	1
Regional Development E-update	20/10/2014	0	13
City of Belmont Corporate Website	16/10/2014	0	5
Sustainable Transport Coalition of WA e-newsletter and website	30/9/2014	0	3
TOTAL		193	449



1 This link was also shared on Facebook by “Glen Forrest Residents & Ratepayers Association”

2 www.emrc.org.au was shared on the following locations and may have resulted in a click on this link:

- Australian Cycling Forums by “Aushiker”
- Twitter by “@Aushiker”
- Reddit by “Aushiker”

3 This link was also shared on Facebook by “Bicycle Transport Alliance”

4.2 Print Advertising

A half page (20cm x 7col) full colour advertisement (below) for the Collaborative Map tool was promoted in the full suite (listed below) of Community Newspapers in the Perth Metropolitan Area starting from 14 October 2014.



Figure 1. Full colour advertising promoting Collaborative Map in Community Newspapers

Community Newspapers: *Comment News Armadale, Eastern Suburbs Reporter, Fremantle/Cockburn Gazette, Guardian Express, Melville Times, Midland Kalamunda Reporter, Southern Gazette, Stirling Times, Weekend Suburbs Weekly, Mandurah Coast Times, The Advocate, Weekend Courier, Hills Gazette, Joondalup/Wanneroo Times, Joondalup/Wanneroo Weekender, Canning Community, North Coast Times*

Websites statistics provided by Google Analytics suggest that the advertisement yielded 13 new visitors from the 14 October 2014 to 27 October 2014.

Table 2. Summary of the website statistics from print advertising.

	Date published	New Visitors	Visits
17 Community Newspapers	From 14/10/2014	13	20



5. Pre-Loaded Comments – Agrees/Disagrees

To facilitate initial context for new users to provide appropriate feedback, comments comprising of infrastructure and advocacy priorities from the RITS were pre-loaded onto Collaborative Map before its official launch date. In total, 52 comments were preloaded giving the community the ability to engage with these actions.

Table 3. Top 14 pre-loaded comments ranked by the number of “agrees”.

Rank	Category	Description	Agency
1	Cycling	Complete the Principal Shared Path Between Bassendean and Midland	Main Roads WA
2	Cycling	Extend Bicycle Lanes on Tonkin Highway between Roe Highway and Welshpool Road East	Main Roads WA
3	Cycling	Construct cycle facilities on Garratt Road Bridge and connect to shared paths along Grandstand Road and Garratt Road	Main Roads WA
4	Cycling	Upgrade cycle facilities on Great Eastern Highway between Old York Road and Park Road to improve connectivity to John Forrest National Park	Main Roads WA
5	Cycling	Upgrade cycle facilities on Great Eastern Highway between Scott Road and Old York Road to improve connectivity to John Forrest National Park	Main Roads WA
6	Cycling	Upgrade cycle facilities on Great Northern Highway between Roe Highway and Midland CBD	Main Roads WA
7	Cycling	Improve cycling facilities and crossing of Lord Street, Bassendean	Main Roads WA
8	Cycling	Improve cycle facilities by installing shared path on west side or on-road bicycle lanes /space (Guildford Road, Bassendean)	Main Roads WA
9	Cycling	Improve cycling facilities of the Lord Street overpass	Main Roads WA
10	Cycling	Improve safety for cyclists at intersection (Tonkin and Roe Highways)	Main Roads WA
11	Cycling	Improve cyclist safety by installing bicycle lanes at intersection (Maida Vale Rd and Roe Highway)	Main Roads WA
12	Motor Vehicle	Upgrade Intersection (Reid Highway and Malaga Drive)	Main Roads WA
13	Motor Vehicle	Upgrade Required (between Tonkin Highway and Great Eastern Highway Bypass)	Main Roads WA
14	Cycling	Improve cycle facilities / path (pavement and connectivity to shared paths) (Guildford Road Bridge)	Main Roads WA



Table 4. All pre-loaded comments received that received “disagrees”.

Category	Description	Agrees	Disagrees	Agency
Motor Vehicle	Safety improvements required (Great Eastern Highway, Greenmount to Mundaring)	2	1	Main Roads WA
Cycling	Improve the Quantity and Security of Bicycle Parking (Woodbridge Train Station)	1	1	PTA
Motor Vehicle	Intersection Upgrade Required (Tonkin Highway and Collier Road)	1	1	Main Roads WA
Public Transport	Train Station Upgrade Required (Success Hill Train Station)	0	1	Main Roads WA
Public Transport	Train Station Upgrade Required (Woodbridge Train Station)	0	1	Main Roads WA



6. Overview of Findings

During the engagement period from 23 September 2014 to 27 October 2014 the EMRC received 411 comments on transport issues 448 “agrees” and 24 “disagrees”.

The largest number of responses across the Region were made for cycling issues (159) followed by motor vehicle issues (118) and Public Transport (81).

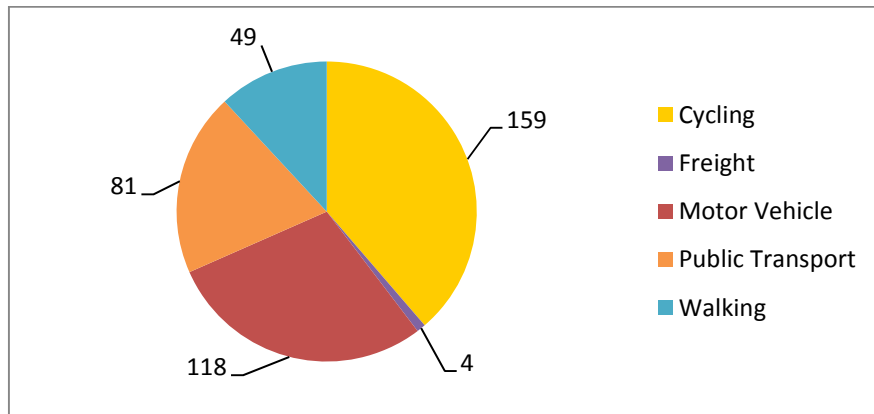


Figure 2. Total comments made by each transport mode.

The largest number of responses across the Region were made in the City of Swan (150), followed by the City of Belmont (74) and the Shire of Kalamunda (69).

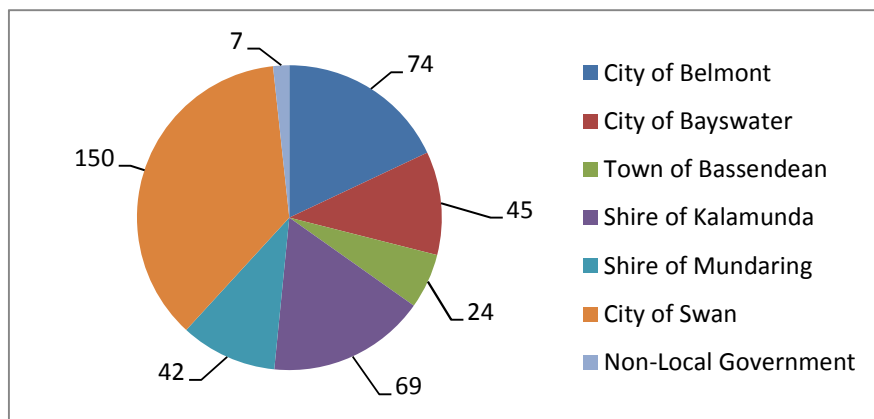


Figure 3. Total comments made in each Local Government Area.

The findings of the top 35 responses (based on the number of “agrees”) have been ranked and for Perth’s Eastern Region and the top 10 responses for each member Council.



7. Perth's Eastern Region - Findings

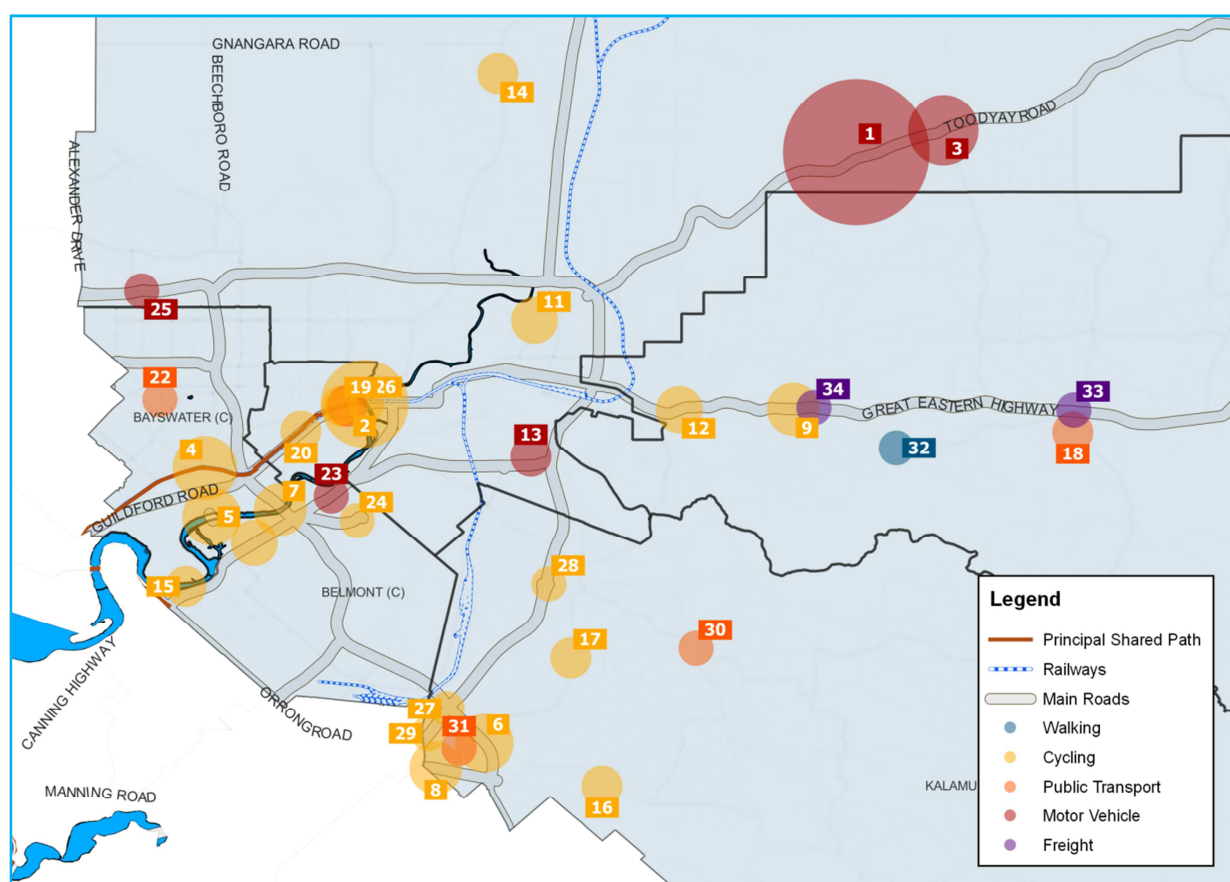


Figure 4. Location of the top 35 comments received in Perth's Eastern Region. *Note:* The size of the circles represent the number of "agrees" recorded by the tool.

Table 5. Description of the top 35 comments received in Perth's Eastern Region and responsible authorities.

Rank	Category	Description	Agency	LGA
1	Motor Vehicle	The road intersection of Toodyay Road (Red Hill) and the entry of the land fill site is a safety hazard	Main Roads WA	City of Swan
2	Cycling	Complete the Principal Shared Path Between Bassendean and Midland	Main Roads WA	City of Bayswater and Town of Bassendean
3	Motor Vehicle	Intersection and road upgrade required, it is on a bend at high speed with poor visibility and not wide enough (Toodyay Road, Gidgeganup)	Main Roads WA	City of Swan
4	Cycling	Connect bike path with the bike path on the other side of the station carpark without having to go onto road or cutting through carpark. (Bayswater Train Station)	PTA & Main Roads WA	City of Bayswater
5	Cycling	Construct cycle facilities on Garratt Road Bridge and connect to shared paths along Grandstand Road and Garratt Road	Main Roads WA	City of Bayswater / City of Belmont
6	Cycling	Extend Bicycle Lanes on Tonkin Highway between Roe Highway and Welshpool Road East	Main Roads WA	Shire of Kalamunda
7	Cycling	Path Over Bridge Needs Sweeping Regularly to remove Glass (Tonkin Highway)	Main Roads WA	City of Bayswater /



				City of Belmont
8	Cycling	Painted cycling lanes required on the road for the safety of cyclists travelling to and from the hills (Welshpool Road East, Wattle Grove)	Main Roads WA	Shire of Kalamunda
9	Cycling	Upgrade cycle facilities on Great Eastern Highway between Old York Road and Park Road to improve connectivity to John Forrest National Park	Main Roads WA	Shire of Mundaring
10	Cycling	Lots of sand and debris on the cycle lane on Great Eastern Highway (Ascot)	Main Roads WA	City of Belmont
11	Cycling	Upgrade cycle facilities on Great Northern Highway between Roe Highway and Midland CBD	Distributor A	City of Swan
12	Cycling	Upgrade cycle facilities on Great Eastern Highway between Scott Road and Old York Road to improve connectivity to John Forrest National Park	Main Roads WA	Shire of Mundaring
13	Motor Vehicle	Work needs to be done with Stirling Crescent in Hazelmere. Heavy vehicles with light vehicles causing congestion.	City of Swan	City of Swan
14	Cycling	Extend and improve bike path - Needs to be widened and extended all the way to the end of the road (West Swan Road, Henley Brook)	Distributor A	City of Swan
15	Cycling	A pedestrian/cycling bridge across the river (Rivervale to Maylands)	State	City of Bayswater / City of Belmont
16	Cycling	More room needed for cyclists on Welshpool Road - it is extremely dangerous with cars travelling in excess of 80kph and both lanes.	Distributor A	Shire of Kalamunda
17	Cycling	Cycle lanes required. (Hawtin Road, Maida Vale)	Distributor B	Shire of Kalamunda
18	Public Transport	There is not enough Public Transport options in Mundaring. A train line extending from Midland to Mundaring would benefit the town.	PTA	Shire of Mundaring
19	Cycling	Improve cycling facilities and crossing of Lord Street (Bassendean)	Main Roads WA	Town of Bassendean
20	Cycling	Improve cycle facilities by installing shared path on west side or on-road bicycle lanes /space (Guildford Road, Bassendean)	Main Roads WA	Town of Bassendean
21	Public Transport	Remove Station - Remove every second station or at least 3 to quicken the journey (Success Hill Station – Midland Train Line)	PTA	City of Bayswater / Town of Bassendean / City of Swan
22	Public Transport	Light Rail to Morley from the CBD	PTA	City of Bayswater
23	Motor Vehicle	Upgrade Required (between Tonkin Highway and Great Eastern Highway Bypass)	Main Roads WA	City of Belmont
24	Cycling	Add cycle lanes and bicycle parking and end of trip facilities as airport as redeveloped; will help workers and visitors. (Perth Airport)	Perth Airport	City of Belmont
25	Motor Vehicle	Upgrade Intersection (Reid Highway and Malaga Drive)	Main Roads WA	City of Swan
26	Cycling	Improve cycle facilities / path (pavement and connectivity to shared paths) (Guildford Road Bridge)	Main Roads WA	City of Swan and Town of Bassendean
27	Cycling	Improve safety for cyclists at intersection (Roe and Tonkin Highways)	Main Roads WA	Shire of Kalamunda



28	Cycling	Improve cyclist safety by installing bicycle lanes at intersection (Roe Highway and Maida Vale Road)	Main Roads WA	Shire of Kalamunda
29	Cycling	Improve cycle way from Orrong Rd intersection East - dangerous - lack of infrastructure forces cyclists among fast moving heavy vehicles.	Main Roads WA	Shire of Kalamunda
30	Public Transport	Poor service availability for Kalamunda via public transport	PTA	Shire of Kalamunda
31	Public Transport	this area is growing rapidly and needs more bus services going through the whole suburb - to Perth, Kalamunda, Midland and/or Cannington (Wattle Grove)	PTA	Shire of Kalamunda
32	Walking	There needs to be a footpath on Thomas Rd (Glen Forrest). 60km an hour, blind corners, no street lights and 3 or 4 school buses use the road.	Regional Distributor	Shire of Mundaring
33	Freight	GE Highway tunnel under Mundaring - To help with current and future freight and motor vehicle traffic.	Main Roads WA	Shire of Mundaring
34	Freight	Need notification system to let road users know about movements of heavy earth moving machines along GT Eastern Hwy.	Main Roads WA	Shire of Mundaring
35	Cycling	Improve cycling facilities of the Lord Street overpass (Bassendean)	Main Roads WA	Town of Bassendean



8. City of Belmont - Findings

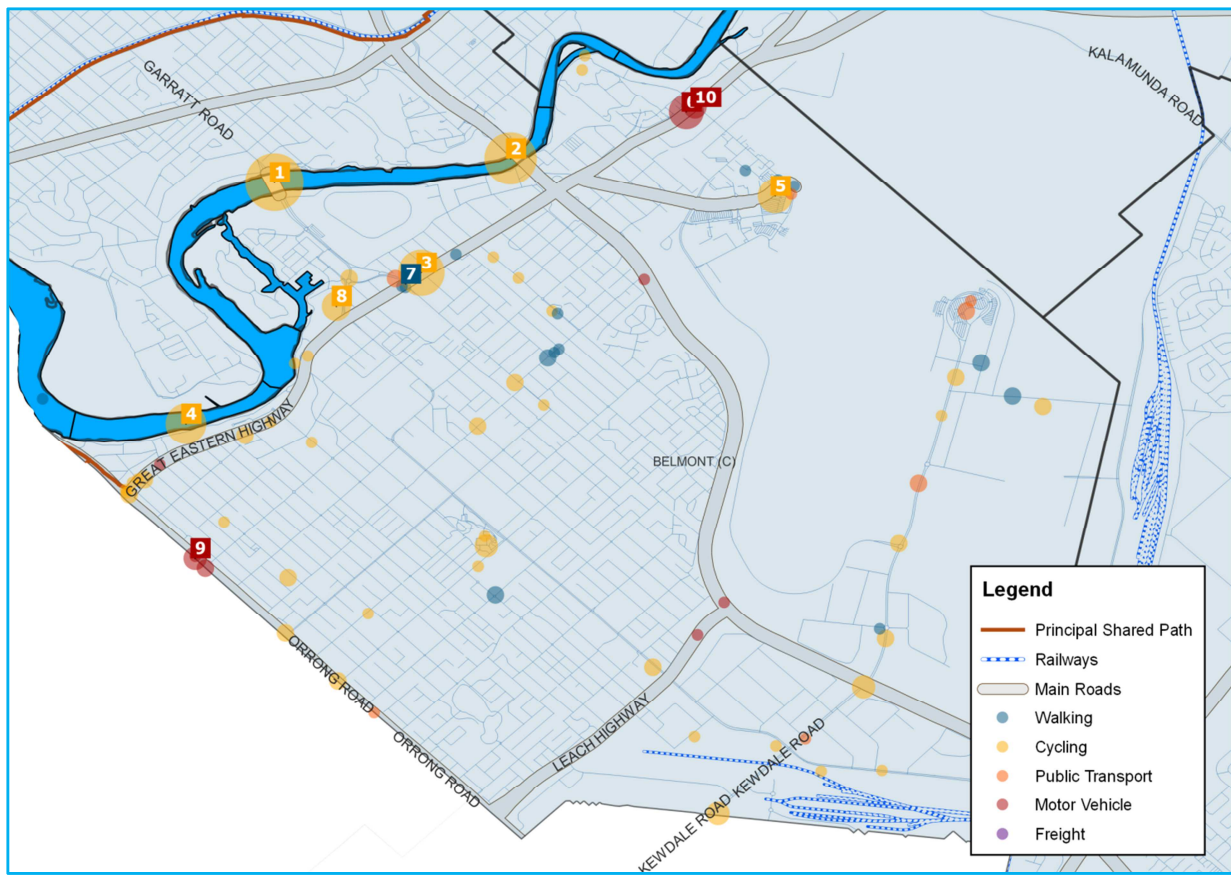


Figure 5. Location of the comments received in City of Belmont. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked

Table 6. Description of the top 10 ranked comments received in the City of Belmont and responsible authority.

Rank	Category	Description	Agency
1	Cycling	Construct cycle facilities on Garratt Road Bridge and connect to shared paths along Grandstand Road and Garratt Road	Main Roads WA
2	Cycling	Path Over Bridge Needs Sweeping Regularly to remove Glass (Tonkin Highway)	Main Roads WA
3	Cycling	Lots of sand and debris on the cycle lane on Great Eastern Highway (Ascot)	Main Roads WA
4	Cycling	A pedestrian/cycling bridge across the river (Rivervale)	State
5	Cycling	Add cycle lanes and bicycle parking and end of trip facilities as airport as redeveloped; will help workers and visitors (Perth Airport)	Perth Airport
6	Motor Vehicle	Upgrade Required (between Tonkin Highway and Great Eastern Highway Bypass)	Main Roads WA
7	Walking	Missing pedestrian crossing at this intersection results in lengthy wait times or risky crossing behaviours to access Circle Bus Route (Great Eastern Highway and Hardey Road)	Main Roads WA
8	Cycling	Improve path along south side of river (Ascot)	City of Belmont
9	Motor Vehicle	Upgrade required to reduce congestion on Orrong Rd	Main Roads WA
10	Motor Vehicle	Dangerous intersection as no turning signals or lanes (Great Eastern Highway and Fauntleroy Avenue)	Main Roads WA



9. City of Bayswater - Findings

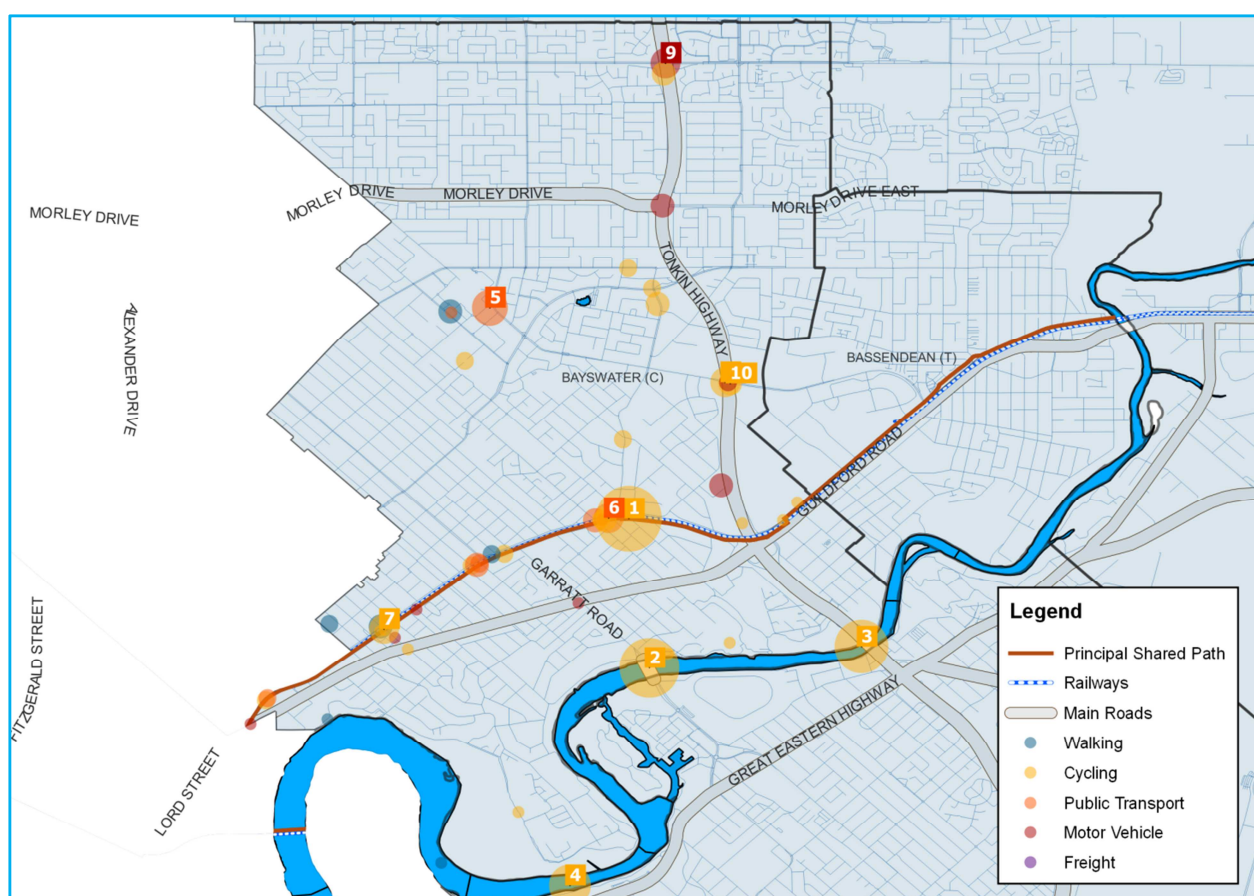


Figure 6. Location of the comments received in City of Bayswater. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked

Table 7. Description of the top 10 ranked comments received in the City of Bayswater and responsible authority.

Rank	Category	Description	Agency
1	Cycling	Connect bike path with the bike path on the other side of the station carpark without having to go onto road or cutting through carpark (Bayswater Train Station)	PTA & Main Roads WA
2	Cycling	Construct cycle facilities on Garratt Road Bridge and connect to shared paths along Grandstand Road and Garratt Road	Main Roads WA
3	Cycling	Path Over Bridge Needs Sweeping Regularly to remove Glass (Tonkin Highway)	Main Roads WA
4	Cycling	A pedestrian/cycling bridge across the river (Maylands)	State
5	Public Transport	Light Rail to Morley from the CBD	PTA
6	Public Transport	Train Station Upgrade Required (Bayswater Train Station)	PTA
7	Cycling	Increase Quantity of Secure Bicycle Parking (Maylands Train Station)	PTA
8	Cycling	Install Bicycle Lanes (Tonkin Highway and Collier Road)	Main Roads WA
9	Motor Vehicle	Intersection Upgrade Required (Tonkin Highway and Benara Road)	Main Roads WA
10	Cycling	Provide access for cyclists to enter kerb waiting areas of the traffic lights (Tonkin Highway and Collier Road)	Main Roads WA



10. Town of Bassendean - Findings

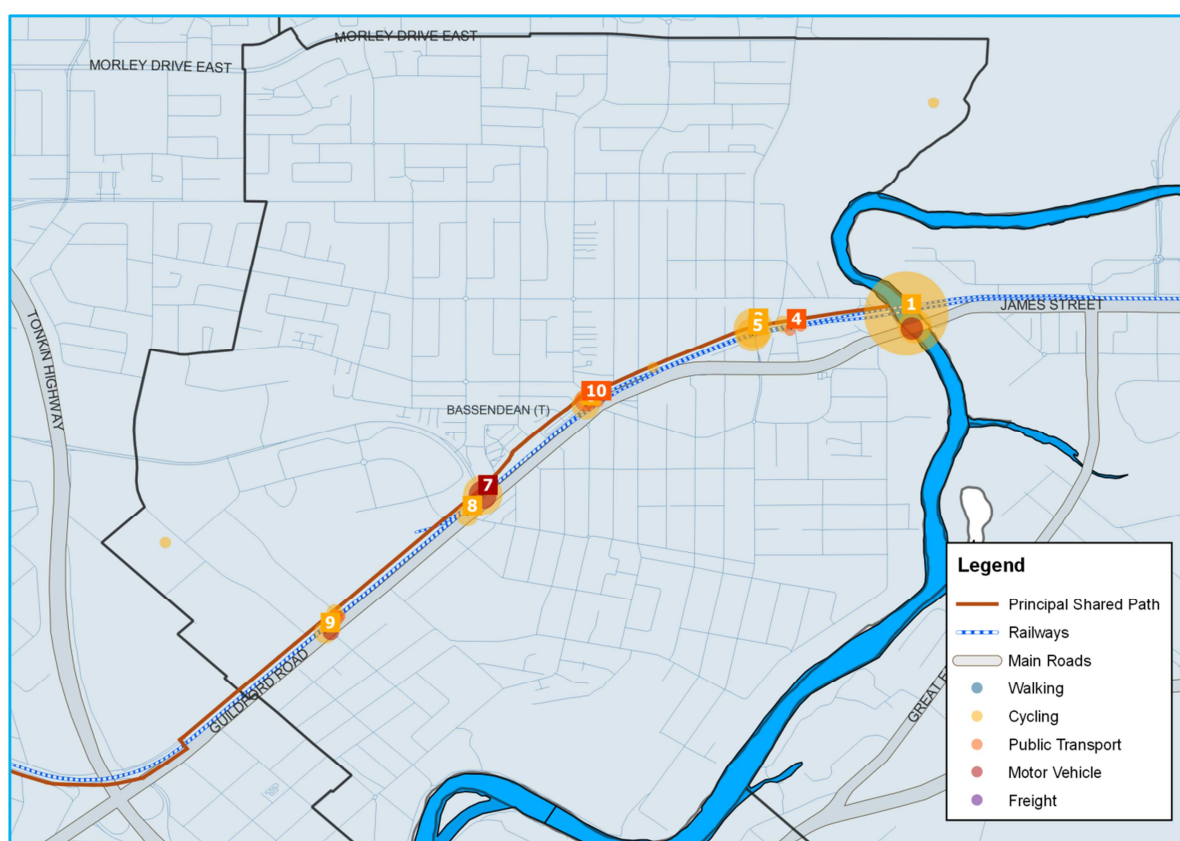


Figure 7. Location of the comments received in Town of Bassendean. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked.

Table 8. Description of the top 10 ranked comments received in the Town of Bassendean and responsible authority.

Rank	Category	Description	Agency
1	Cycling	Complete the Principal Shared Path Between Bassendean and Midland	Main Roads WA
2	Cycling	Improve cycling facilities and crossing of Lord Street (Bassendean)	Main Roads WA
3	Cycling	Improve cycle facilities by installing shared path on west side or on-road bicycle lanes /space (Guildford Road, Bassendean)	Main Roads WA
4	Public Transport	Remove Station - Remove every second station or at least 3 to quicken the journey (Success Hill Train Station)	PTA
5	Cycling	Improve cycling facilities of the Lord Street overpass (Bassendean)	Main Roads WA
6	Cycling	Improve the Quantity and Security of Bicycle Parking (Bassendean Train Station)	PTA
7	Motor Vehicle	Improve timing speed on railway gates as the amount of time waiting for a train seems excessive creating congestion at the intersection. (Collier Road, Bassendean)	PTA
8	Cycling	Can't access PSP from this street, only way of access is to back track to Collier Road intersection or use driveways near Transperth railway gates (Guildford Road, Bassendean)	Main Roads WA
9	Cycling	No access to PSP from Coulston Road (Ashfield)	Main Roads WA
10	Public Transport	Increase frequency of train (Midland Train Line)	PTA



11. Shire of Kalamunda - Findings

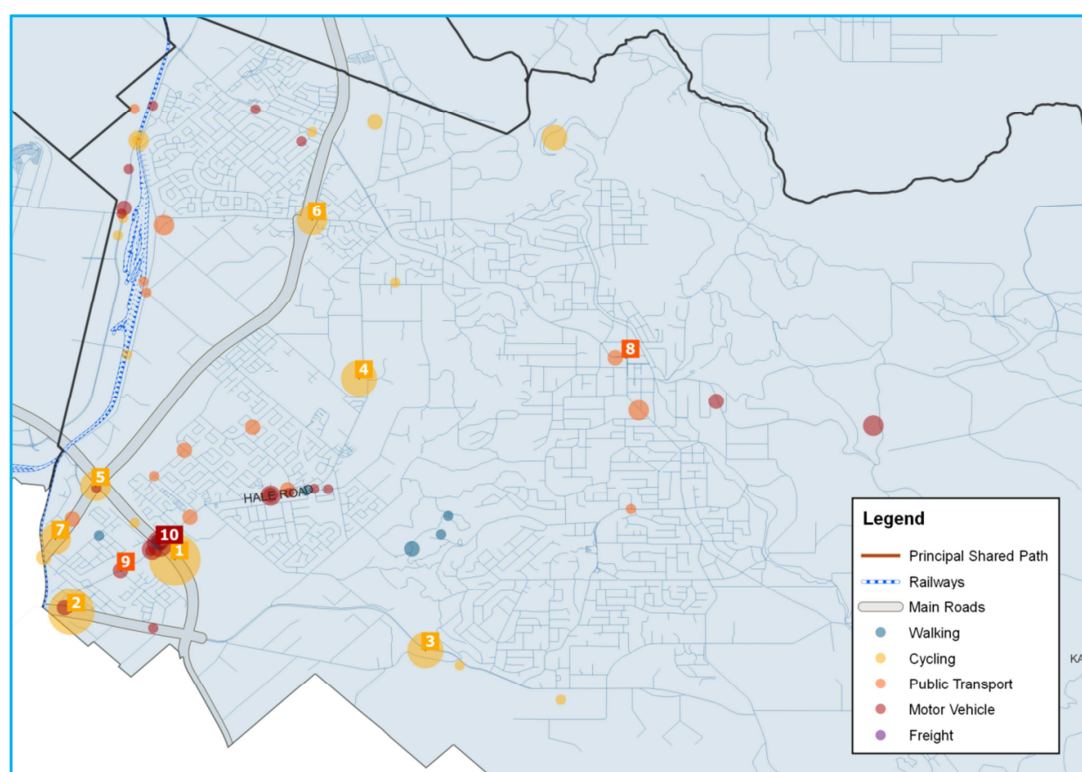


Figure 8. Location of the comments received in Shire of Kalamunda. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked.

Table 9. Description of the top 10 ranked comments received in the Shire of Kalamunda and responsible authority.

Rank	Category	Description	Agency
1	Cycling	Extend Bicycle Lanes on Tonkin Highway between Roe Highway and Welshpool Road East	Main Roads WA
2	Cycling	Painted cycling lanes required on the road for the safety of cyclists travelling to and from the hills (Welshpool Road East, Wattle Grove)	Main Roads WA
3	Cycling	More room needed for cyclists on Welshpool Road - it is extremely dangerous with cars travelling in excess of 80kph and both lanes. (Lesmurdie)	Distributor A
4	Cycling	Cycle lanes required (Hawtin Road, Maida Vale)	Distributor B
5	Cycling	Improve safety for cyclists at intersection (Roe and Tonkin Highways)	Main Roads WA
6	Cycling	Improve cyclist safety by installing bicycle lanes at intersection (Roe Highway and Maida Vale Road)	Main Roads WA
7	Cycling	Improve cycle way from Orrong Rd intersection East - dangerous - lack of infrastructure forces cyclists among fast moving heavy vehicles.	Main Roads WA
8	Public Transport	Poor service availability for Kalamunda via public transport	PTA
9	Public Transport	this area is growing rapidly and needs more bus services going through the whole suburb - to Perth, Kalamunda, Midland and/or Cannington (Wattle Grove)	PTA
10	Motor Vehicle	put in a right turning lane coming from Wattle Grove and amend the lights - it's very difficult and dangerous at the moment. (Hale Road and Tonkin Highway)	Main Roads WA



12. Shire of Mundaring - Findings

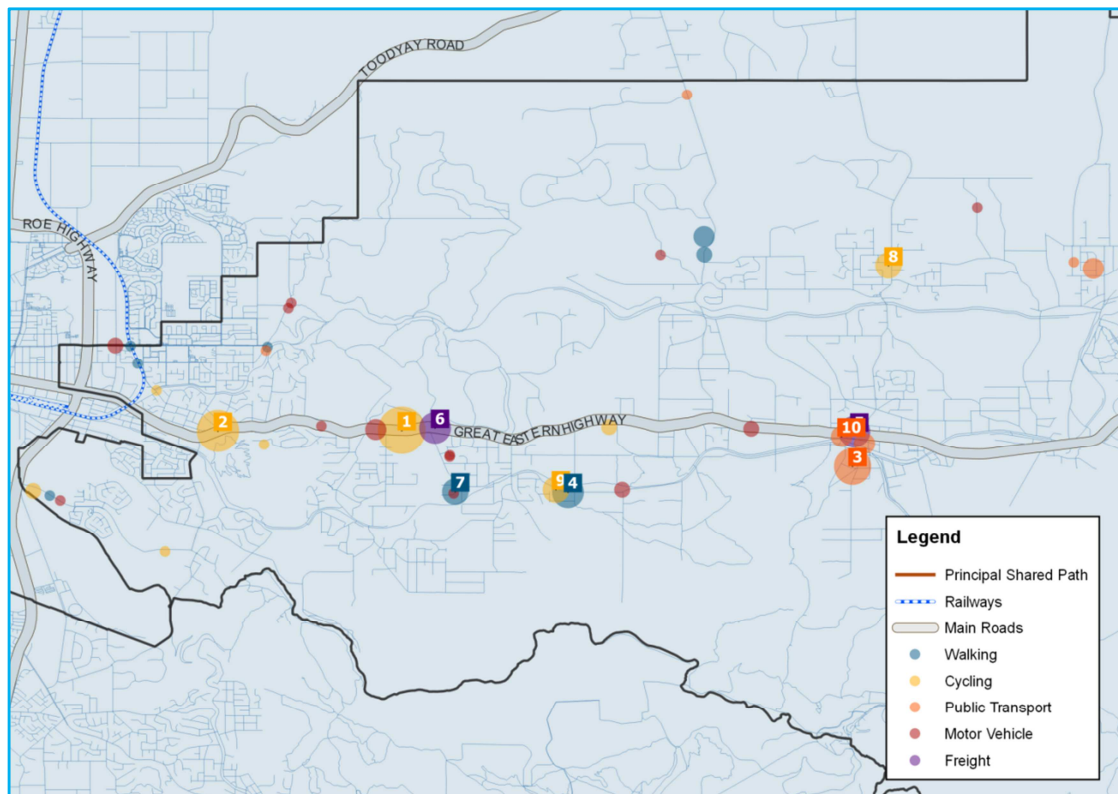


Figure 9. Location of the comments received in Shire of Mundaring. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked.

Table 10. Description of the top 10 ranked comments received in the Shire of Mundaring and responsible authority.

Rank	Category	Description	Agency
1	Cycling	Upgrade cycle facilities on Great Eastern Highway between Old York Road and Park Road to improve connectivity to John Forrest National Park	Main Roads WA
2	Cycling	Upgrade cycle facilities on Great Eastern Highway between Scott Road and Old York Road to improve connectivity to John Forrest National Park	Main Roads WA
3	Public Transport	There is not enough Public Transport options in Mundaring. A train line extending from Midland to Mundaring would benefit the town.	PTA
4	Walking	There needs to be a footpath on Thomas Rd. 60km an hour, blind corners, no street lights and 3 or 4 school buses use the road. (Glen Forrest)	Regional Distributor
5	Freight	GE Highway tunnel under Mundaring - To help with current and future freight and motor vehicle traffic.	Main Roads WA
6	Freight	Need notification system to let road users know about movements of heavy earth moving machines along GT Eastern Hwy.	Main Roads WA
7	Walking	No footpaths, curbs, verges unmaintained by Shire. Pedestrians forced to walk on road which is narrow, unlit and has blind corners (Hawter Road, Glen Forrest)	Shire of Mundaring
8	Cycling	Cause congestion and safety concerns along Stoneville Rd (Stoneville)	Regional Distributor
9	Cycling	Excessive speeding taking place along this road. It is dangerous for cyclists and pedestrians (Thomas Road, Glen Forrest)	Regional Distributor
10	Public Transport	The bus services from Mundaring do not start early enough to be at work in Perth before 7am.	PTA



13. City of Swan - Findings

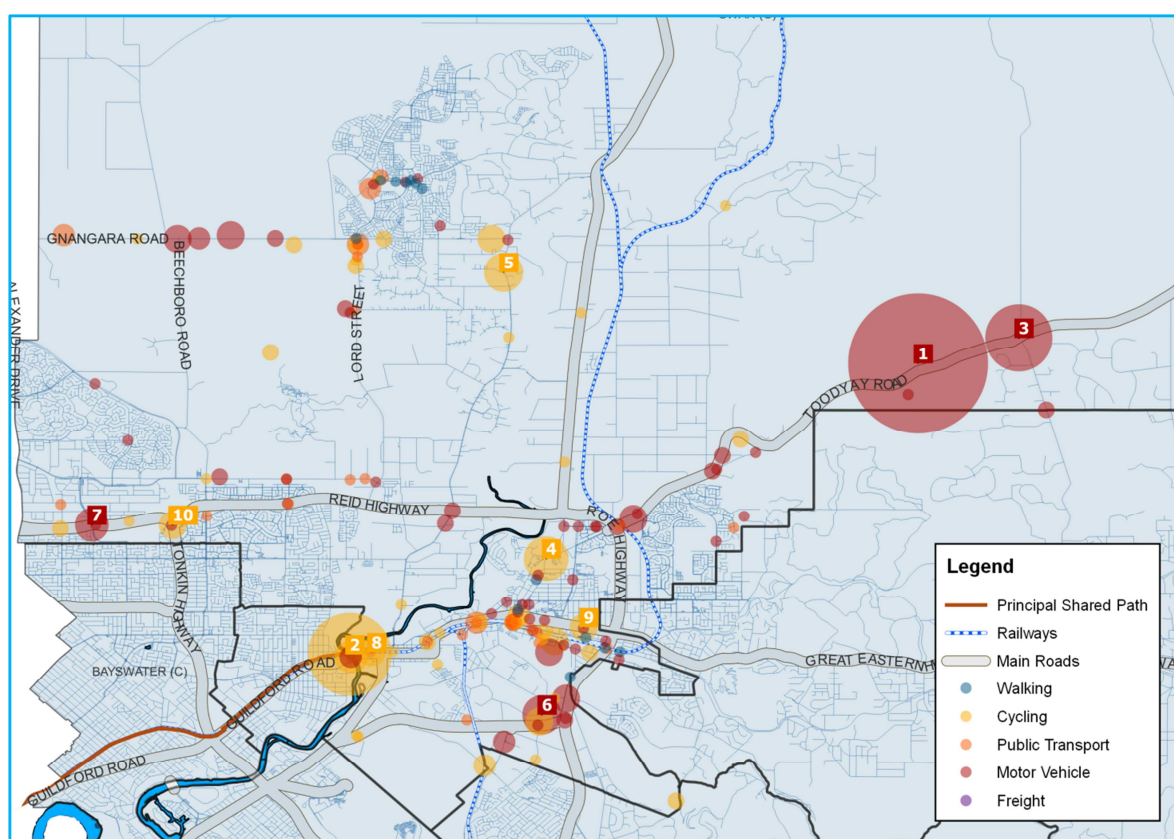


Figure 10. Location of the comments received in City of Swan. *Note:* The size of the circles represent the number of “agrees” recorded by the tool and top 10 are ranked.

Table 11. Description of the top 10 ranked comments received in the City of Swan and responsible authority.

Rank	Category	Description	Agency
1	Motor Vehicle	The road intersection of Toodyay Road and the entry of the land fill site is a safety hazard (Red Hill)	Main Roads WA
2	Cycling	Complete the Principal Shared Path Between Bassendean and Midland	Main Roads WA
3	Motor Vehicle	Intersection and road upgrade required, it is on a bend at high speed with poor visibility and not wide enough (Toodyay Road and Roland Road, Gigegannup)	Main Roads WA
4	Cycling	Upgrade cycle facilities on Great Northern Highway between Roe Highway and Midland CBD	Distributor A
5	Cycling	Extend and improve bike path - Needs to be widened and extended all the way to the end of the road (West Swan Road, Henley Brook)	Distributor A
6	Motor Vehicle	Work needs to be done with Stirling Crescent in Hazelmere. Heavy vehicles with light vehicles causing congestion.	City of Swan
7	Motor Vehicle	Upgrade Intersection (Reid Highway and Malaga Drive)	Main Roads WA
8	Cycling	Improve the Quantity and Security of Bicycle Parking (Guildford Train Station)	PTA
9	Cycling	Complete Shared Path along Great Eastern Highway between Ferguson Street and Roe Highway	Main Roads WA
10	Cycling	Improve cycle facilities (cyclist traffic lights and bicycle lanes) at intersection (Tonkin and Reid Highways)	Main Roads WA



14. Glossary

1. Public Transport Authority WA
2. Distributor A is a classification for roads that carry traffic between industrial, commercial and residential areas and generally connect to Primary Distributors. These are likely to be truck routes and provide only limited access to adjoining property and are managed by local government and has been identified due to potential grant funding available to local government for improvements.
3. Distributor B roads perform a similar function to type A Distributors, but with reduced capacity due to flow restrictions caused by frequent property accesses and roadside parking in many instances. These are often older roads with a traffic demand in excess of that originally intended and are also managed by local government and has been identified due to potential grant funding available to local government for improvements.
4. Regional Distributor roads are Roads that are not Primary Distributors, but which link significant destinations and are designed for efficient movement of people and goods within and beyond regional areas. They are managed by local government and has been identified due to potential grant funding available to local government for improvements.



2. CORPORATE SERVICES

2.1 CORPORATE BUSINESS PLAN 2013/14 TO 2017/18 PROGRESS REPORT

REFERENCE: D2015/01068

PURPOSE OF REPORT

To provide a progress report against activities identified within EMRC's Corporate Business Plan 2014/15 to 2017/18 for the period 1 July to 31 December 2014.

KEY ISSUES AND RECOMMENDATION(S)

- Section 5.56(1) and (2) of the Local Government Act 1995 require that each local government is 'to plan for the future of the district', by developing plans in accordance with the regulations.
- The *Local Government (Administration) Regulations 1996* specify that a 'plan for the future' comprise the following:
 - A Strategic Community Plan – a minimum 10 year timeframe; and
 - A Corporate Business Plan – a four to five year plan, which translates the 10 year strategic plan into operations.
- Council adopted EMRC's Strategic Community Plan titled EMRC 2022 – 10 Year Strategic Plan on 6 December 2012 (Ref: DMDOC/172950).
- Council adopted the Corporate Business Plan 2014/15 to 2017/18 on 19 June 2014 (Ref: D2014/05562)
- The attachment to this report provides a progress report against activities identified within the Corporate Business Plan for the period 1 July to 31 December 2014.

SOURCE OF REPORT

Chief Executive Officer
 Manager Human Resources

BACKGROUND

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

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

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

Council adopted the Corporate Business Plan 2014/15 to 2017/18 on 19 June 2014 (Ref: D2014/05562)



Item 2.1 continued

REPORT

The 10 Year Strategic Plan (EMRC 2022) guides, at a strategic level, the direction that the EMRC will take over the next ten years towards achievement of its vision: *"To be a responsive and innovative leader in assisting Perth's Eastern Region to be a great place to live, work, play and do business"*.

The Corporate Business Plan 2014/15 to 2017/18 (Corporate Business Plan) was developed to articulate the strategic direction into operational activities. It is designed to ensure that the organisation as a whole is able to deliver on Council's high level priorities, and summarises the services, operations and projects EMRC will deliver over the next five years.

The attachment to this report provides a progress report against activities identified within the Corporate Business Plan for the period 1 July to 31 December 2014.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 4 – Good Governance

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


FINANCIAL IMPLICATIONS

As reflected in budgets and long term financial plans.

SUSTAINABILITY IMPLICATIONS

The Corporate Business Plan 2014/15 to 2017/18 identifies projects, programs and services for the benefit and sustainability of Perth's Eastern Region.

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

Corporate Business Plan 2014/15 to 2017/18 Progress Report for the period 1 July to 31 December 2014
 (Ref: D2015/01954)



CORPORATE BUSINESS PLAN PROGRESS REPORT

1 JULY TO 31 DECEMBER 2014



INTRODUCTION

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

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

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

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

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

PETER B. SCHNEIDER

Chief Executive Officer

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ENVIRONMENTAL SUSTAINABILITY

TO PROVIDE SUSTAINABLE WASTE DISPOSAL OPERATIONS		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Minimise the environmental impact of waste management operations	Leachate project	<ul style="list-style-type: none"> Planning to design a suitable leachate treatment plant has commenced
	Construct Class III Leachate pond	<ul style="list-style-type: none"> Planning to design an evaporative pond has commenced
	Construct stormwater control pond	<ul style="list-style-type: none"> Planning for construction of stormwater ponds continues
	Construct Roads / Car parks – Red Hill	<ul style="list-style-type: none"> The Administration Building car park and road crossings have been completed
	Construct Perimeter fencing	<ul style="list-style-type: none"> The contract for fencing lots 8,9 and 10 has been awarded and works planned to commence in February 2015
Provide a waste disposal service at Red Hill Waste Management Facility	Review the Red Hill Development Plan	<ul style="list-style-type: none"> Ongoing
	Construct Class III Cell Stage 14	<ul style="list-style-type: none"> This will commence following a decision on greenwaste processing relocation
	Construct Class III Cell Stage 15	<ul style="list-style-type: none"> Tender for cell construction has been awarded. Mobilisation on site has started and it is expected works will begin early February 2015.
	Construct Class III Farm Stage 3	<ul style="list-style-type: none"> An application for clearing permit has been submitted to the Department of Environment Regulation
	Relocate Greenwaste processing area	<ul style="list-style-type: none"> A draft report has been completed detailing various options
Develop Hazelmere Resource Recovery Park	Review and update Hazelmere Development Plan	<ul style="list-style-type: none"> The Hazelmere Resource Recovery Park concept plan has been revised
	Continue Woodwaste Recycling Operations	<ul style="list-style-type: none"> Ongoing
	Continue Mattress Recycling Operations	<ul style="list-style-type: none"> Ongoing
	Purchase Land	<ul style="list-style-type: none"> Discussions have commenced with the WA Planning Commission

ENVIRONMENTAL SUSTAINABILITY

To provide sustainable waste disposal operations		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Develop Hazelmere Resource Recovery Park	Construct Hardstand Road	<ul style="list-style-type: none"> Road layout, drainage and geotechnical work has commenced. Comprehensive geotechnical investigation completed results forwarded to Design Engineers for incorporation into infrastructure design
	Construct and commission C&I Building	<ul style="list-style-type: none"> Quotes for building design have been received The tender for building and plant equipment will commence in mid-2015
	Construct and commission Wood Waste to Energy Building	<ul style="list-style-type: none"> Peer review has been completed EMRC is awaiting approval from the Environmental Protection Agency
	Construct and commission Weighbridge	<ul style="list-style-type: none"> This is scheduled for late 2015
	Construct and commission site infrastructure	<ul style="list-style-type: none"> The design has been completed

ENVIRONMENTAL SUSTAINABILITY

To IMPROVE REGIONAL WASTE MANAGEMENT		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue the Waste Education Program	Implement priority projects (refer the Waste Education Strategy)	<ul style="list-style-type: none"> A workshop to discuss updates to the Education Centre has been held Discussions regarding the 2015/2016 Waste and Recycling guides have commenced with the Waste Steering Group The CFL programme continued with 122 kilograms collected 2.5 tonnes of batteries were collected from public places and 1.5 tonnes from schools.
	Promote and co-ordinate Red Hill Education Tours	<ul style="list-style-type: none"> 352 people from community groups and schools toured the facility Flyers promoting the programme have been sent to schools
Operate member Council's transfer stations	Operate Coppin Road and Mathieson Road Transfer Station	<ul style="list-style-type: none"> EMRC continued operation of the Transfer Stations ensuring an effective service to the community.

ENVIRONMENTAL SUSTAINABILITY

To provide resource recovery and recycling solutions in partnership with member councils		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Identify and develop resource recovery products and markets in order to reduce waste going to landfill	Develop and implement programs to increase sales of Red Hill by-products	<ul style="list-style-type: none"> Mulch continues to be supplied to the Gateway WA project Sales of ferricrete to Gateway WA and others has been very good
	Develop and implement programs to increase sales of Hazelmere by-products	<ul style="list-style-type: none"> The grinder is currently out of commission due to the fire.
	Review and update product marketing plan	<ul style="list-style-type: none"> Ongoing

To investigate leading edge waste management practices		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Undertake research into Integrated Waste Management	Undertake Resource Recovery Project Study Tour of Australian and other facilities	<ul style="list-style-type: none"> Tours will be organised as part of the Resource Recovery Facility tender process during the 2015/2016 financial year

ENVIRONMENTAL SUSTAINABILITY

To CONTRIBUTE TOWARDS IMPROVED REGIONAL AIR, WATER AND LAND QUALITY AND REGIONAL BIODIVERSITY CONSERVATION		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Regional Environmental Strategy 2011-2016	Implement the Regional Environmental Strategy	<ul style="list-style-type: none"> The annual Regional Funding summary was presented to Council on 4 December 2014
	Provide a Waster Auditing Service	<ul style="list-style-type: none"> A water audit of the City of Belmont's Peet Park facilities has been undertaken including on-site inspection and undertaking electronic data logging.
	Develop and Implement a Sustainability and Environmental Educational Program	<ul style="list-style-type: none"> Seven Community Sustainability Workshops were conducted from October to December for the City of Bayswater. Meetings were held with City of Bayswater and Shire of Mundaring to identify priorities for their sustainability programs. A staff sustainability program focusing on water use and water efficiency was run during National Water Week in October for the City of Bayswater and the Shire of Mundaring.
Implement the Eastern Hills Catchment Management Program	Coordinate activities for Helping the Helena	<ul style="list-style-type: none"> The Helping the Helena water and sediment quality report The Helping the Helena final project report was reviewed by project partners Department of Water and the Swan River Trust. The final report and independent auditor's report was provided to the State NRM Office.
	Implement the Eastern Hills Catchment Management Programme	<ul style="list-style-type: none"> A \$9,900 grant was received from the Swan Alcoa Landcare Program 2015 funding for the Priority Tributaries Restoration Project in Woodbridge, Lesmurdie and Stoneville Funding was secured for Friends of Piesse Brook for interpretive signage repair in the Kalamunda National Park A National Landcare 25 Year Anniversary grant application was submitted for the Shire of Mundaring to implement a small scale black cockatoo revegetation project on Jarrah Creek in Mundaring An application for the second round of Green Army was submitted for the City of Bayswater. If successful, this project will start in June 2015 following the completion of the first round of

ENVIRONMENTAL SUSTAINABILITY

TO CONTRIBUTE TOWARDS IMPROVED REGIONAL AIR, WATER AND LAND QUALITY AND REGIONAL BIODIVERSITY CONSERVATION		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the Eastern Hills Catchment Management Program		<ul style="list-style-type: none"> Green Army events The End of Year Volunteer Event was a success with 120 guests attending from 46 Friends/Catchment groups and a number of Councillors representing the region. The 2015 Bush Skills for the Hills program was launched at the event.
	Co-ordinate and implement community led projects (Swan River Trust)	<ul style="list-style-type: none"> EMRC staff attended bi-monthly meetings for Jane Brook, Helena River, Blackadder Woodbridge Catchment Groups and the Lower Helena Association and Friends of Piesse Brook. Blackberry weed mapping was undertaken at 11 private properties in the fire affected areas of Dowies Creek within the Shire of Mundaring. These properties will be targeted for weed control if the State NRM Post Fire Recovery Grant is successful. Private landholders were provided with information on weeds and fire, re-vegetation projects, tree decline and keeping of stock.
Implement the Water Campaign	Implement the Water Campaign for EMRC and participating member Councils	<ul style="list-style-type: none"> EMRC continued to assist member Councils and the Town of Vic Park progress through the Water Campaign milestones.
Identify, investigate and develop new environmental and sustainability opportunities	Implement the Community Energy Efficiency Program (CEEP)	<ul style="list-style-type: none"> Town of Bassendean undertook their final reporting regarding the upgrade of street lighting on Old Perth Road, which showed an energy efficiency gain of 62% from the original lighting. An event was held at Bilgoman Aquatic Centre in the Shire of Mundaring on 28 November 2014 following the completion of energy efficiency upgrades. The Milestone 7 report was prepared related to reporting activities for Town of Bassendean and purchase and installation activities for the Shire of Mundaring, as well as launch, promotion and signage activities for the City of Bayswater.

ENVIRONMENTAL SUSTAINABILITY

To address climate change issues within the region		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the ACer Program	Implement the ACer Program for EMRC and participating member Councils	<ul style="list-style-type: none"> A review of the home energy audit kits available to the community at the Cities of Belmont and Bayswater and Town of Bassendean library was conducted. Energy Smart at Home community workshops were organised to promote ACer to the community The emissions generated by EMRC's Ascot Place fleet and air travel were offset through Carbon Neutral A staff workshop was held at the Shire of Kalamunda to develop actions to reduce carbon emissions.
Implement the Regional Climate Change Adaptation Action Plan (RCCAAP)	Implement priority actions identified within the RCCAAP	<ul style="list-style-type: none"> The development of a Regional Urban Canopy Programme, which will assist member Councils to manage and mitigate the impacts of declining urban canopy continued The development of the Climate Change Risk Awareness Seminar Series commenced
	Assist with the implementation of Local Climate Change Adaption Action Plans (LCCAAP)	<ul style="list-style-type: none"> A status review of the participating member Council's LCCAAP commenced

SOCIAL OPPORTUNITIES

To FACILITATE REGIONAL CULTURAL AND RECREATIONAL ACTIVITIES		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue the coordination of regional events	Co-ordinate the Avon Descent Family Fun Days	<ul style="list-style-type: none"> A grant application for the 2015 event was submitted to Lotterywest
	Co-ordinate the Perth's Autumn Festival	<ul style="list-style-type: none"> Planning for the event and the regional marketing campaign has commenced
	Administer the Perth Tourism.com.au regional tourism website	<ul style="list-style-type: none"> EMRC continued to maintain the website which promotes events, trails and experiences in Perth's Eastern Region
Implement the Swan and Helena Rivers Framework	Implement priority projects	<ul style="list-style-type: none"> Work has commenced to re-establish a Swan and Helena Rivers Management Framework Strategic Steering Group, which will facilitate the implementation of priority projects A presentation on Aboriginal engagement and consultation was delivered to the South East Regional Centre of Urban Landcare A funding application has been submitted to the Natural Disaster Resilience Programme to undertake research into the effects of climate change on flood events in the Swan and Helena Rivers.

ECONOMIC DEVELOPMENT

To FACILITATE INCREASED INVESTMENT IN REGIONAL INFRASTRUCTURE		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue the implementation of the Regional Integrated Transport Strategy	Review and develop a new Regional Integrated Transport Strategy	<ul style="list-style-type: none"> The reviewed Regional Integrated Transport Strategy 2014-2016 (RITS 2014-2016) was adopted by Council on 23 October 2014 RITS 2014-2016 sets out the strategic framework for developing an integrated transport network in Perth's Eastern Region.
	Implement priority TravelSmart initiatives	<ul style="list-style-type: none"> A concept business directory / Transport Access Guide has been developed Portable bicycle parking rails have been purchased for use during events throughout the Region. These have already been used at: <ul style="list-style-type: none"> The City of Swan's "Great Day Out"; The City of Bayswater's "Feature at the RISE"; and The Town of Bassendean's "Summer Edge". A grant application has been submitted to operate a bicycle valet service at local food and hawker markets during Bikeweek 2015
	Integrating Future Land Use to Proposed Public Transport Infrastructure	<ul style="list-style-type: none"> EMRC has partnered with Curtin University to identify potential public transport routes within the Region. Phase One has been completed and has identified three rapid transport corridors Community / stakeholder engagement has been completed as part of Stage Two, and a draft report on the outcomes will be provided to EMRC shortly
	Develop a Regional Active Transport Plan	<ul style="list-style-type: none"> The project has been scoped out in discussion with the RITS Advisory Group (RITS IAG) The collaborative map data collection has been completed and will be compiled into a report
	Develop a Regional Road Network and Safety Plan	<ul style="list-style-type: none"> The project has been scoped out in discussion with RITS IAG

GOOD GOVERNANCE

To FACILITATE REGIONAL ECONOMIC DEVELOPMENT ACTIVITIES		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the Regional Economic Development Strategy 2010 - 2015	Coordinate Showcase Series Tours	<ul style="list-style-type: none"> A tour of the developments in the central hub of Midland and new development in the Swan Valley was organised on 6 November 2014
Identify and investigate strategic regional development project and investment opportunities	Implement priority actions from the Regional Digital Strategy	<ul style="list-style-type: none"> The QR Code (quick response) signage was launched in December 2014 across various sites in Perth's Eastern Region to encourage visitors to spend more time within the Region Twelve sites across the region were selected for their environmental, heritage and recreational values, covering a vast area from Maylands right through to Chidlow to demonstrate the diversity of landscape in the Region

GOOD GOVERNANCE

TO PROVIDE ADVICE AND ADVOCACY ON ISSUES AFFECTING PERTH'S EASTERN REGION		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Implement the Regional Advocacy Strategy 2010-2013	Facilitate meetings and discussions with key stakeholders	<ul style="list-style-type: none"> The Chairman, Chief Executive Officer and Director Regional Services met a number of Federal politicians in August 2014 Meetings were held with the Members for Pearce and Hasluck to discuss waste management issues Liaison with various government agencies (e.g. Departments of Planning, Transport, Main Roads and Public Transport Authority) continued

TO MANAGE PARTNERSHIPS AND RELATIONSHIPS WITH STAKEHOLDERS		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue to foster and enhance relationships with member councils	Implement biennial Stakeholder Perception Survey	<ul style="list-style-type: none"> The outcomes of the biennial Stakeholder Perception Survey were presented to Council on 23 October 2014 The results showed that 83% of stakeholders are extremely satisfied with EMRC's projects and services
	Co-ordinate EMRC's Community Grants Program	<ul style="list-style-type: none"> The program was completed with five community groups receiving grants. Four groups received \$1,500 each and a fifth group received \$2,500 A presentation ceremony was held at Red Hill Waste Management Facility on 8 November 2014
	Produce EMRC's Annual Report	<ul style="list-style-type: none"> The Annual Report was approved by Council on 18 September 2014 and distributed to all key stakeholders.

GOOD GOVERNANCE

To MANAGE PARTNERSHIPS AND RELATIONSHIPS WITH STAKEHOLDERS		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
	Hold Stakeholders' Dinner / Cocktail Function	<ul style="list-style-type: none"> Planning for a Stakeholder Cocktail function to be held in March 2015 has commenced

To PROVIDE RESPONSIBLE AND ACCOUNTABLE GOVERNANCE AND MANAGEMENT OF THE EMRC		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Continue to improve organisational governance	Review and update Council policies	<ul style="list-style-type: none"> All EMRC Council policies were reviewed by Council on 18 September 2014
	Review and update Records Keeping Plan	<ul style="list-style-type: none"> The Record Keeping Plan has been reviewed and will be finalised during 2015
Review and implement the Safety Management Plan	Implement priority actions	<ul style="list-style-type: none"> Safety inspections were conducted at all EMRC work sites. Safety committee meetings continued.

GOOD GOVERNANCE

To CONTINUE TO IMPROVE FINANCIAL AND ASSET MANAGEMENT PRACTICES		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Develop and review long term financial plans	Monitor and review financial investment portfolio	<ul style="list-style-type: none"> The Financial Investment portfolio was monitored on an ongoing basis.
Develop and implement Asset Management Plans	Implement an Integrated Asset Management System	<ul style="list-style-type: none"> EMRC's assets continued to be managed in accordance with the Asset Management Plan
Review and implement the Strategic IT Plan	Purchase IT and Communications assets	<ul style="list-style-type: none"> IT and Communication assets were purchased in line with the Strategic IT Plan.

To IMPROVE ORGANISATIONAL CULTURE, HEALTH, WELFARE AND SAFETY		
STRATEGIES	PROJECTS / ACTIONS	PROGRESS COMMENTS
Develop and implement a Workforce Plan	Implement priority projects	<ul style="list-style-type: none"> EMRC's Workforce Plan continued to be implemented Staff Information sessions and Toolbox meetings were improved The Rewards and Recognition program continued, and the Employee of the Year was recognised during the annual Staff Christmas party held on 29 November 2014. A number of HR Management Guidelines were reviewed by the Executive team
Review and implement the Safety Management Plan	Co-ordinate Health Promotion Program	<ul style="list-style-type: none"> A staff survey was implemented to identify health topics that were of interest to staff. A calendar for health initiatives was developed based on staff feedback
	Implement actions from the Risk Management Steering Group	<ul style="list-style-type: none"> Bi-monthly Safety meetings were held. Actions arising from the meetings were implemented.



15 REPORTS OF COMMITTEES

15.1 INVESTMENT COMMITTEE MEETING HELD 18 DECEMBER 2014

(REFER TO MINUTES OF COMMITTEE – BLUE PAGES)

REFERENCE: D2015/15242 (IC) – D2015/00525

The minutes of the Investment Committee meeting held on **18 December 2014** accompany and form part of this agenda – (refer to blue section of 'Minutes of Committees' for Council accompanying this Agenda).

QUESTIONS

The Chairman invited general questions from members on the minutes of the Investment Committee. Any questions relating to the confidential report will be dealt with under section 19.1 of the agenda "Confidential Items."

RECOMMENDATION(S)

That Council notes the unconfirmed minutes of the Investment Committee meeting held 18 December 2014 (Section 15.1).

COUNCIL RESOLUTION(S)

MOVED CR PULE

SECONDED CR LINDSEY

THAT COUNCIL NOTES THE UNCONFIRMED MINUTES OF THE INVESTMENT COMMITTEE MEETING HELD 18 DECEMBER 2014 (SECTION 15.1)

CARRIED UNANIMOUSLY

INVESTMENT COMMITTEE

MINUTES

18 December 2014

(REF: D2014/15242 (IC) – D2015/00525)

A meeting of the Investment Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 18 December 2014**. The meeting commenced at **5:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 5:00pm and welcomed Mr Haydn Robinson of Haydn Robinson Barrister Solicitor to the meeting.

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

Councillor Attendance

Cr Janet Powell (Chairman)	EMRC Member	City of Belmont
Cr Gerry Pule (Deputy Chairman)	EMRC Member	Town of Bassendean
Cr Chris Cornish (from 5:20pm)	EMRC Member	City of Bayswater
Cr Dylan O'Connor	EMRC Member	Shire of Kalamunda
Cr Alan Pilgrim	EMRC Member	Shire of Mundaring
Cr David Färdig	EMRC Member	City of Swan

EMRC Officers

Mr Peter Schneider	Chief Executive Officer
Mr Hua Jer Liew	Director Corporate Services
Mrs Annie Hughes-d'Aeth	Personal Assistant to Director Corporate Services (Minutes)

Guests

Mr Haydn Robinson	Haydn Robinson Barrister Solicitor
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3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

Nil

6 PUBLIC QUESTION TIME

Nil

7 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil



8 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

8.1 MINUTES OF THE INVESTMENT COMMITTEE MEETING HELD 3 APRIL 2014

That the minutes of the Investment Committee meeting held on 3 April 2014 which have been distributed, be confirmed.

INVESTMENT COMMITTEE RESOLUTION(S)

MOVED CR PULE

SECONDED CR PILGRIM

THAT THE MINUTES OF THE INVESTMENT COMMITTEE MEETING HELD ON 3 APRIL 2014 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY

9 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil

10 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil

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

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

The following report item is covered in section 17 of this agenda:

11.1 INVESTMENT COMMITTEE LEGAL UPDATE

12 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil

13 REPORTS OF EMPLOYEES

Nil

14 REPORTS OF DELEGATES

Nil



15 MEMBERS' MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

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

Nil

17 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

RECOMMENDATION (Closing meeting to the public)

That the meeting be closed to members of the public in accordance with Section 5.23 (2) (c) of the Local Government Act for the purpose of dealing with matters of a confidential nature.

IC RESOLUTION

MOVED CR PULE

SECONDED CR PILGRIM

THAT WITH THE EXCEPTION OF MR ROBINSON, THE CEO, THE DIRECTOR CORPORATE SERVICES AND THE PERSONAL ASSISTANT TO THE DIRECTOR CORPORATE SERVICES, THE MEETING BE CLOSED TO MEMBERS OF THE PUBLIC IN ACCORDANCE WITH SECTION 5.23 (2) (C) OF THE LOCAL GOVERNMENT ACT FOR THE PURPOSE OF DEALING WITH MATTERS OF A CONFIDENTIAL NATURE.

CARRIED UNANIMOUSLY

The doors of the meeting were closed at 5:05pm.

17.1 INVESTMENT COMMITTEE LEGAL UPDATE

REFERENCE: D2014/15407 (IC) – D2015/00524

This item is recommended to be confidential because it contains matters of legal professional privilege in nature.

The Committee considered the Confidential Item circulated with the Agenda under separate cover.

RECOMMENDATION [Meeting re-opened to the public]

That the meeting be re-opened, the members of the public be invited to return to the meeting and the recommendations passed behind closed doors be recorded.

IC RESOLUTION

MOVED CR FÄRDIG

SECONDED CR PILGRIM

THAT THE MEETING BE RE-OPENED, THE MEMBERS OF THE PUBLIC BE INVITED TO RETURN TO THE MEETING AND THE RECOMMENDATIONS PASSED BEHIND CLOSED DOORS BE RECORDED.

CARRIED UNANIMOUSLY



Recording of the recommendations passed behind closed doors, namely:

17.1 INVESTMENT COMMITTEE LEGAL UPDATE

REFERENCE: D2014/15407 (IC) – D2015/00524

Cr Färdig moved a substantive motion for this item.

IC RESOLUTION(S)

MOVED CR PILGRIM

SECONDED CR FÄRDIG

THAT:

1. MR ROBINSON OF HAYDN ROBINSON BARRISTER SOLICITOR BE AUTHORISED TO PRESENT AN OFFER OF FINANCIAL SETTLEMENT TO LEHMAN BROTHERS U.S. OF US\$75,000 WHICH EXPIRES ON 31 JANUARY 2015.
2. IN THE EVENT LEHMAN BROTHERS U.S. REJECTS THE EMRC'S SETTLEMENT OFFER, THE EMRC CONTEST THE JURISDICTION REGARDING THE DEFAULTED CDO THE SUBJECT OF THIS REPORT UP TO US\$75,000 IN COSTS.
3. THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND THE CHIEF EXECUTIVE OFFICER.

CARRIED 4/2

For Vote: Cr Färdig, Cr Pilgrim, Cr Powell, Cr Pule.

Against Vote: Cr Cornish, Cr O'Connor.

18 FUTURE MEETINGS OF THE INVESTMENT COMMITTEE

The Investment Committee will meet as required. The next Investment Committee meeting will be advised.

19 DECLARATION OF CLOSURE OF MEETING

There being no further business, the meeting was closed at 6:50pm.



**15.2 CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD 3 FEBRUARY 2015
(REFER TO MINUTES OF COMMITTEE – MAUVE PAGES)
REFERENCE: D2015/00092 (CEOAC) – D2015/02034**

The minutes of the Chief Executive Officers Advisory Committee meeting held on **3 February 2015** accompany and form part of this agenda – (refer to mauve section of 'Minutes of Committees' for Council accompanying this Agenda).

QUESTIONS

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

RECOMMENDATION(S)

That with the exception of items, which are to be withdrawn and dealt with separately, Council adopts the recommendations in the Chief Executive Officers Advisory Committee report (Section 15.2).

COUNCIL RESOLUTION(S)

MOVED CR PULE

SECONDED CR ZANNINO

THAT COUNCIL ADOPTS THE RECOMMENDATIONS IN THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE REPORT (SECTION 15.2).

CARRIED UNANIMOUSLY

CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

MINUTES

3 February 2015

(REF: D2015/00092 (CEOAC) – D2015/02034)

A meeting of the Chief Executive Officers Advisory Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Tuesday, 3 February 2015**. The meeting commenced at **12:30pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 12:30pm.

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

Committee Members

Mr Bob Jarvis (Chairman)	Chief Executive Officer	Town of Bassendean
Mr Stuart Cole (Deputy Chairman)	Chief Executive Officer	City of Belmont
Mr Jonathan Throssell	Chief Executive Officer	Shire of Mundaring
Mr Mike Foley	Chief Executive Officer	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Ms Rhonda Hardy	Chief Executive Officer	Shire of Kalamunda
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EMRC Officers

Mrs Marilyn Horgan	Director Regional Services
Mrs Annie Hughes-d'Aeth	PA to Director Corporate Services (Minutes)

3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil

6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 18 NOVEMBER 2014.

That the minutes of the Chief Executive Officers Advisory Committee meeting held on 18 November 2014, which have been distributed, be confirmed.

CEOAC RESOLUTION(S)

MOVED MR THROSSELL SECONDED MR COLE

THAT THE MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 18 NOVEMBER 2014 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY



7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil

8 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil

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

Nil

10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



11 REPORTS OF EMPLOYEES

11.1 REGIONAL SERVICES CONSULTING RATES 2015/2016 AND MISCELLANEOUS ADMINISTRATION FEES

REFERENCE: D2015/00104 (CEOAC) – D2015/02251

PURPOSE OF REPORT

To seek approval of the proposed 2015/2016 Regional Services consulting rates and Administration Fees and Charges for use in developing the draft budget for 2015/2016.

KEY ISSUES AND RECOMMENDATION(S)

- Regional Services coordinates, facilitates, jointly funds and manages major regionally significant projects that aim to improve social, economic and environmental outcomes for Perth's Eastern Region.
- The Regional Services consulting rates have evolved over time to meet the needs of the member Councils by providing a mix of rates based on the diversity of tasks and experience required to fulfil consulting activities.
- The rates for member Councils have generally increased each year in accordance with CPI.
- For the 2015/2016 budget year, a rate increase of between 2.44% and 2.78% is proposed.
- The proposed Regional Services consulting rates will be used to develop the draft 2015/2016 budget.
- In order to recover costs, an administration fee for photocopying of documents provided to members of the public has been set.

Recommendation(s)

That the proposed 2015/2016 Regional Services Consulting Rates and Administration Fees and Charges, forming Attachment 1 and 2 to this Report, be utilised in developing the draft budget for 2015/2016.

SOURCE OF REPORT

Director Regional Services
Director Corporate Services

BACKGROUND

Consulting rates are reviewed on an annual basis as part of the preparation of the annual budget.

The Regional Services consulting rates have evolved over time to meet the needs of the member Councils by providing a mix of rates based on the diversity of tasks and experience required to fulfil consulting activities. The rates have generally increased each year in accordance with CPI or marginally lower than CPI.

The Regional Services Project Funding Summary approved by Council on 4 December 2014 (Ref: D2014/14658), outlines proposed Regional Services projects for 2015/2016. Project costs for these projects are determined using the proposed consulting rates.

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



Item 11.1 continued

REPORT

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

Regional Services Consulting Rates

The consulting rates are used to develop the draft 2015/2016 budget and form part of the Regional Services Project Funding Summary 2015/2016 presented to Council on 4 December 2014 (Ref: D2014/14658).

It is proposed that the Regional Services consulting rates for 2015/2016 for member Councils be increased by between 2.44% – 2.78%. The Schedule of Rates is shown as Attachment 1.

It is proposed that *Other Organisations Consulting Fees* are not increased as they are currently in line with commercial consulting rates. Over the period 2014/2015, the EMRC Environmental Services team has provided external consulting services to the Town of Victoria Park and the City of South Perth amounting to \$32,550 (ex GST) of revenue year to date.

The rates are based around three levels of consultants in addition to Manager and Director. It is expected that most consulting activities would be undertaken by the Coordinators, Consultants and Project Officers in order to provide the best value for money proposition for member Councils. Regional Services is committed to aligning its consulting service and regional project delivery activities to meet member Council needs as its highest priority.

Administration Fees and Charges – Photocopy Fees

Under section 6.16 of the Local Government Act 1995, a local government may impose and recover a fee or charge for any goods or service it provides, other than those for which a service charge is statutorily imposed.

From time to time, the EMRC receives requests to provide photocopies of various materials including, but not limited to, agendas and minutes. The schedule of fees proposed to deliver this service for black and white and colour photocopying is shown in Attachment 2.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities

Key Result Area 3 – Economic Development

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

Key Result Area 4 – Good Governance

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



Item 11.1 continued

FINANCIAL IMPLICATIONS

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

SUSTAINABILITY IMPLICATIONS

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

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

1. 2015/2016 Regional Services Consulting Rates (Ref: D2015/02256)
2. Administration Fees and Charges (Ref: D2015/02257)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That the proposed 2015/2016 Regional Services Consulting Rates and Administration Fees and Charges, forming Attachment 1 and 2 to this Report, be utilised in developing the draft budget for 2015/2016.

CEOAC RECOMMENDATION(S)

MOVED MR FOLEY

SECONDED MR COLE

That the proposed 2015/2016 Regional Services Consulting Rates and Administration Fees and Charges, forming Attachment 1 and 2 to this Report, be utilised in developing the draft budget for 2015/2016.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR PULE

SECONDED CR ZANNINO

THAT THE PROPOSED 2015/2016 REGIONAL SERVICES CONSULTING RATES AND ADMINISTRATION FEES AND CHARGES, FORMING ATTACHMENT 1 AND 2 TO THIS REPORT, BE UTILISED IN DEVELOPING THE DRAFT BUDGET FOR 2015/2016.

CARRIED UNANIMOUSLY

Proposed Regional Services (Environmental Services and Regional Development) Consulting Rates 2015/2016

	Prior Year Actual Hourly Rate						Proposed		
	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	% Change	2015/2016
<i>Member Council Consulting Fees</i>	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)	(ex GST)		(inc GST)
Consultant Director	\$92.00	\$96.00	\$99.00	\$102.00	\$105.00	\$108.00	\$111.00	2.78%	\$122.10
Consultant Manager	\$82.00	\$86.00	\$88.50	\$91.00	\$93.00	\$95.00	\$97.50	2.63%	\$107.25
Senior Consultant	\$71.00	\$74.00	\$76.00	\$78.00	\$80.00	\$82.00	\$84.00	2.44%	\$92.40
Consultant	\$63.00	\$66.00	\$68.00	\$70.00	\$72.00	\$74.00	\$76.00	2.70%	\$83.60
Project Officer	\$48.00	\$50.00	\$51.50	\$53.00	\$54.50	\$56.00	\$57.50	2.68%	\$63.25
<i>Other Organisations Consulting Fees</i>									
Consultant Director	\$174.00	\$182.00	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	0.00%	\$206.25
Consultant Manager	\$153.00	\$160.00	\$165.00	\$165.00	\$165.00	\$165.00	\$165.00	0.00%	\$181.50
Senior Consultant	\$153.00	\$160.00	\$165.00	\$150.00	\$150.00	\$150.00	\$150.00	0.00%	\$165.00
Consultant	\$139.00	\$145.00	\$149.50	\$125.00	\$125.00	\$125.00	\$125.00	0.00%	\$137.50
Project Officer	\$121.00	\$127.00	\$131.00	\$100.00	\$100.00	\$100.00	\$100.00	0.00%	\$110.00

**PROPOSED 2015/2016
ADMINISTRATION FEES AND CHARGES**

DETAILS	\$ PER PAGE (inc GST)
Photocopy Fees	
Black & White A4 Print	\$ 0.35
Black & White A3 Print	\$ 0.50
Colour A4 Print	\$ 0.45
Colour A3 Print	\$ 0.60



11.2 SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK REVIEW REPORT

REFERENCE: D2015/00392 (CEOAC) – D2015/02250

PURPOSE OF REPORT

To advise Council of the outcomes of the stakeholder comments on the Swan and Helena Rivers Management Framework (SHRMF) Review Report and the proposed implementation mechanism.

KEY ISSUES AND RECOMMENDATIONS

- The Swan and Helena Rivers Management Framework Review Report was received by the EMRC Council in August 2014 and distributed to stakeholders for comment.
- Comments have been received from the Swan River Trust, Department of Aboriginal Affairs, Metropolitan Redevelopment Authority and the Town of Bassendean and are supportive of the outcomes of the SHRMF Review Report.
- Co-ordination and communication remains a key role for the EMRC for the SHRMF with a new implementation approach proposed involving two levels: strategic and operational co-ordination.
- Strategic co-ordination should be facilitated by the EMRC in collaboration with a strategic steering group made up of senior level staff of member Councils and stakeholder organisations.
- The strategic steering group would convene annually at a SHRMF summit to monitor progress and identify priorities for implementation.
- Operational co-ordination should be facilitated by the EMRC in collaboration with working groups made up of relevant staff of member Councils and stakeholder organisations.
- Working groups would be convened as required to implement specific actions and/or projects.
- It is proposed that the inaugural SHRMF annual summit be held in 2015.
- Priority actions have been identified for 2015/2016.
- The SHRMF requires senior level commitment from EMRC member Councils and stakeholders to facilitate continued implementation and to progress the Action Plan.

Recommendations

That:

1. Council endorse the Swan and Helena Rivers Management Framework Review Report and Action Plan.
2. A Swan and Helena Rivers Management Framework strategic steering group be re-established.
3. A Swan and Helena Rivers Management Framework annual summit be held in 2015.

SOURCE OF REPORT

Director Regional Services
Manager Environmental Services



Item 11.2 continued

BACKGROUND

The Swan and Helena Rivers Management Framework was initiated by the EMRC in 2007 on behalf of member Councils with the support of the Swan River Trust and the Western Australian Planning Commission.

A major review of the Swan and Helena Rivers Management Framework has been undertaken and completed in 2014. Based on the overall assessment of the SHRMF, the following approaches and key actions were recommended:

- Strengthening strategic relationships between EMRC member Councils and key agencies.
- Developing a communication and co-ordination mechanism at a strategic level through a senior co-ordination group.
- Strategic mobilisation of resources with the role of EMRC being to assist member Councils in leveraging funding for implementation of on-ground works, to progress regional initiatives and to assist with progressing opportunities for applied research.

In particular, EMRC would focus on the following:

- Enhancing advocacy at a strategic level for required resources in budgets (funds and staff resources to focus on specific priorities).
- Strengthening skills in resource leveraging through grants, research funding, private sector/corporate partnerships, and other fundraising activities. This may require contracting a consultant with expertise in private sector/corporate partnerships to develop a funding model.
- Preparing feasibility studies, business cases and other supporting documents to assist with gaining resources for implementation.

The Swan and Helena Rivers Management Framework Review Report was presented to EMRC Council at the 21 August 2014 Ordinary Meeting of Council (Ref: D2014/11182) where it was resolved:

THAT:

1. *COUNCIL RECEIVE THE SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK REVIEW REPORT FORMING THE ATTACHMENT TO THIS REPORT.*
2. *THE SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK REVIEW REPORT BE DISTRIBUTED TO THE TOWN OF BASSENDEAN, CITY OF BAYSWATER, CITY OF BELMONT, CITY OF SWAN, SWAN RIVER TRUST (SRT), WESTERN AUSTRALIAN PLANNING COMMISSION (WAPC), METROPOLITAN REDEVELOPMENT AUTHORITY (MRA) AND OTHER RELEVANT STAKEHOLDERS FOR COMMENT.*



Item 11.2 continued

REPORT

This report outlines the stakeholder review report comments and proposed next steps for implementation of the SHRMF during 2015/2016.

The SHRMF review report was referred to the following stakeholders for comment in September 2014:

- EMRC member Councils
- Swan River Trust
- Western Australian Planning Commission
- Metropolitan Redevelopment Authority
- Perth Region NRM
- Department of Water
- Town of Victoria Park
- City of Vincent
- Department of Aboriginal Affairs
- South West Aboriginal Land and Sea Council

Feedback has been received from the Swan River Trust, Department of Aboriginal Affairs, Metropolitan Redevelopment Authority and the Town of Bassendean and is summarised below. Comments received have been supportive of the review and minor amendments have been incorporated as requested. The final Swan and Helena Rivers Management Framework Review Report is as attached.

Stakeholder Organisation	Comments
Swan River Trust	<p>Generally agrees with the findings of the review.</p> <p>Supports the need to strengthen strategic relations and consider the mobilisation of resources.</p> <p>Noted that many of the enabling factors have arisen due to work, funding and documents developed by or with the support of the Trust, as acknowledged in the report.</p> <p>EMRC recognise that under the proposed amendments to the <i>Swan and Canning Rivers Management Act 2006</i>, many operational functions of the Trust will be transferred to the Department of Parks and Wildlife. Actions listed in the review to be supported by the Trust are likely to become the responsibility of the Department of Parks and Wildlife and this should be considered in the future.</p> <p>The Trust is keen to commence another precinct plan and would welcome the EMRC's support in examining the possibility of preparing a precinct plan with the City of Bayswater. This would be considered advantageous as it would result in a series of endorsed precinct plans for a contiguous geographical area of the Riverpark, as originally envisaged. There may also be governance advantages to this approach due to the proposed amalgamation of the City of Bayswater and the Town of Bassendean as the Town of Bassendean is currently finalising its precinct plan.</p>
Department of Aboriginal Affairs (DAA)	<p>No substantive comments.</p> <p>Acknowledged that EMRC had consulted with them in relation to the SHRMF review.</p> <p>Invited EMRC to discuss any proposed activities and/or policies related to the guiding objective of conserving the cultural and natural heritage of the river with DAA as required.</p>



Item 11.2 continued

Stakeholder Organisation	Comments
Metropolitan Redevelopment Authority	<p>Generally supportive of SHRMF.</p> <p>Sought clarification on the relationship between the SHRMF and the MRA's activities and statutory functions. MRA identified the following areas as relevant to the MRA and SHRMF:</p> <ul style="list-style-type: none"> Enhancement of the Helena River Foreshore – it is anticipated that a Helena Foreshore Management Plan will be prepared in consultation with key stakeholders including the Western Australian Planning Commission, Swan River Trust, Department of Water and the EMRC. Statutory planning – under the <i>Metropolitan Redevelopment Authority Act 2011</i> and adoption of the Midland Redevelopment Scheme any planning scheme, new planning scheme, or an amendment to a planning scheme has no effect while the redevelopment scheme has effect. Any reserve zoning under the Metropolitan Region Scheme and the Swan River Trust's Development Control Area does not apply.
Town of Bassendean	Supported the review outcomes and no further comments made.

Swan and Helena Rivers Management Framework Implementation Mechanism

Co-ordination and communication remains a key role for the EMRC with a new implementation approach proposed involving two levels of implementation: strategic and operational co-ordination.

Strategic co-ordination involves:

- Strengthening strategic relationships between EMRC, member Councils and key agencies such as Swan River Trust, Department of Planning, Western Australian Planning Commission, Western Australian Local Government Association and Department of Parks and Wildlife; and
- Developing a strategic level communication and co-ordination mechanism through a strategic steering group including key decision-makers and stakeholders which monitors and identifies strategic priorities.

Operational co-ordination involves:

- Convening working groups as required to implement specific actions or projects related to strategic priorities and the annual operation plan. Working groups may be ongoing for several years (project implementation) or short term to achieve specific outcomes.

Facilitation of strategic and operational co-ordination is recommended by holding an annual SHRMF summit. It is envisaged the annual summit will be used to:

- Convene the strategic steering group and SHRMF stakeholders;
- Affirm, revise and identify strategic priorities for the next three years;
- Secure resources/commitment for agreed priorities;
- Develop an annual operation plan based on agreed priorities;
- Identify any emerging or new issues;
- Present any findings on research, new knowledge and/or practices related to river management;
- Provide any information on key priorities to be addressed in the financial year; and
- Provide a progress update to stakeholders on the previous year's actions (annual report).



Item 11.2 continued

Swan and Helena Rivers Management Framework Action Plan

As part of the SHRMF review, a rolling three year Action Plan (shown in attachment) was developed for commencement in 2014/2015. Actions are aligned to the original guiding principles and objectives of the SHRMF and include an assessment of the resources required; lead and partnering responsibilities for implementation; timeframes and priorities. Actions have been categorised as continuing, emerging or targeted to assist with prioritisation within allocated timeframes.

In 2014/2015, the focus has been on presenting the review report to EMRC Council and the distribution of the report to stakeholders to provide comments. Ongoing actions have included investigating funding opportunities; advocacy; and providing representation on the Swan River Trust Riverpark Trails Project Steering Group.

A funding application was submitted to the Natural Disaster Resilience Program 2014-2015 in September 2014 to undertake Stage One of a project to understand and manage flood risk in Perth's Eastern Region. The project will involve a catchment hydrology assessment of the mainstream Swan and Helena rivers at key locations; potential impact of climate change on design rainfall and flow estimates; data collation and estimation of the probable maximum flood. The project will provide updated design flood estimates for application to future modelling and mapping to inform mitigation strategies and decision-making on proposed land use and development of flood prone land. The outcome of the funding application is pending.

Priority actions identified to commence in 2015/2016 include:

- Re-establishment of a SHRMF strategic steering group and hosting an inaugural annual summit;
- Investigate opportunities to leverage resources through funding mechanisms;
- Convene working groups if required to assist with leveraging resources and cross-regional activities such as recreational trails and interpretation;
- Continue to advocate at agency and political levels to increase funding to the Swan River. The EMRC will work with member Councils to advocate and develop collaborative submissions, as funding programs become available;
- Seek a commitment to undertake Stage 2 of flood risk mapping in Perth's Eastern Region (if funding becomes available);
- Seek support to develop a pilot interpretation project in Perth's Eastern Region in collaboration with Swan River Trust, National Trust of Australia (WA) and member Councils;
- Networking and relationship building with stakeholders; and
- Continued representation on the Swan River Trust Riverpark Trails Project Steering Group.

The SHRMF requires senior level commitment from EMRC member Councils and stakeholders to facilitate continued implementation and to progress the Action Plan.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 2 – Social Opportunities

- 2.1 To facilitate regional cultural and recreational activities



Item 11.2 continued

Key Result Area 3 – Economic Development

- 3.1 To facilitate increased investment in regional infrastructure

Key Result Area 4 – Good Governance

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

FINANCIAL IMPLICATIONS

The SHRMF budget 2014/2015 includes officer time and implementation of Swan and Helena Rivers Management Framework projects and activities. This project is wholly funded by the EMRC. Some provision for allocation of funds to implement identified priority actions should be integrated into future annual and long-term budgets.

A financial commitment may be required from the member Councils if the National Disaster Resilience Program flood risk mapping project in Perth's Eastern is successful.

SUSTAINABILITY IMPLICATIONS

Environmental:

- Best practice management of river foreshore areas along the Swan and Helena rivers;
- Conservation and protection of biodiversity along the Swan and Helena rivers;
- Improved fauna habitat along the Swan and Helena rivers foreshore; and
- Protection and improvement of the river ecosystem.

Economic:

- Opportunities to value add to current individual local government river projects; and
- Provision of employment opportunities.

Social:

- Increased public safety and amenity along the Swan River foreshore;
- Increased tourism and recreational opportunities at key sites along the Swan River; and
- Improved community engagement in Swan and Helena rivers foreshore management activities in the Cities of Bayswater, Belmont and Swan, and Town of Bassendean.



Item 11.2 continued

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
City of Bayswater	Provide representation on the SHRMF strategic steering group. Senior and officer level support and commitment to the actions as required in the SHRMF review report. Member Council staff resources as required to participate in strategic or operational groups and advocacy and communication activities. Financial resources - allocation of funds in existing and future budgets and capital works programmes and to support regional funding applications and any relevant actions arising from SHRMF implementation.
Town of Bassendean	
City of Belmont	
City of Swan	
Shire of Kalamunda	Nil
Shire of Mundaring	

ATTACHMENT

Swan and Helena Rivers Management Framework Review Report and Action Plan (Ref: D2015/02255)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATIONS

That:

1. Council endorse the Swan and Helena Rivers Management Framework Review Report and Action Plan.
2. A Swan and Helena Rivers Management Framework strategic steering group be re-established.
3. A Swan and Helena Rivers Management Framework annual summit be held in 2015.

CEOAC RECOMMENDATION(S)

MOVED MR COLE

SECONDED MR THROSSELL

That:

1. Council endorse the Swan and Helena Rivers Management Framework Review Report and Action Plan.
2. A Swan and Helena Rivers Management Framework strategic steering group be re-established.
3. A Swan and Helena Rivers Management Framework annual summit be held in 2015.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR PULE

SECONDED CR ZANNINO

THAT:

1. COUNCIL ENDORSE THE SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK REVIEW REPORT AND ACTION PLAN.
2. A SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK STRATEGIC STEERING GROUP BE RE-ESTABLISHED.
3. A SWAN AND HELENA RIVERS MANAGEMENT FRAMEWORK ANNUAL SUMMIT BE HELD IN 2015.

CARRIED UNANIMOUSLY

Eastern Metropolitan Regional Council

Swan and Helena Rivers Management Framework Review

Final Report
January 2015

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Executive Summary

- 1. Background** The Swan and Helena Rivers Management Framework (SHRMF) was prepared by the Eastern Metropolitan Regional Council (EMRC) in 2007 to guide the ongoing management of the Swan and Helena Rivers within the EMRC member council areas of Bassendean, Bayswater, Belmont and Swan. The SHRMF identified guiding principles for management of the rivers, corresponding objectives and strategies as well as actions for each of the four precincts within the region (see Appendix 1). This report is the final output for the review of the SHRMF which has aimed to evaluate the progress of the SHRMF and to inform future directions for the SHRMF project and EMRC.
- 2. Strategic Alignment** There have been no major shifts in the statutory framework within which the SHRMF is situated, however some key strategic documents have been produced during the period of implementation. These include several whole of system management documents, in particular the Draft River Protection Strategy (Swan River Trust 2012). Consequently, there are now overlaps where SHRMF actions have been superseded by other, higher level documents. Actions where the SHRMF provided extra value to the current rivers management context were related to regional recreational trails, co-ordination and the development of Regional Aboriginal Consultation Guidelines.
- 3. SHRMF Implementation Progress** There has been considerable progress in the achievement of actions under both the SHRMF planning strategies and precinct planning sections in the seven years following the preparation of the SHRMF. Implementation progress was enabled by strategic recognition of actions, alignment with key strategic and operational documents, resource availability under specific funding programs and close collaboration between stakeholders. Progress was hindered by a lack of resource availability, a focus on management plans rather than larger scale precinct plans or on-ground works, an implementation mechanism that was not fully functional and insufficient political and strategic commitment.
- 4. Key Recommendations** It is recommended that the core principles and objectives of the existing SHRMF continue to guide management of the areas of the Swan and Helena rivers within the EMRC member councils. A new implementation mechanism and adjusted priorities are recommended. Priorities moving forward for EMRC are to focus on resource mobilisation to assist member councils in the preparation of precinct plans and implementation of on-ground works. This should entail a renewed focus on strategic advocacy, stronger co-ordination between stakeholders and improved communication.
- 5. Action Plan** A three year rolling action plan format has been proposed to guide the forward direction of the SHRMF project. This could be updated annually at a SHRMF summit involving high level representatives from key stakeholders, securing strategic commitment to the action plan. It will allow for the maintenance of the strategic focus of the SHRMF while ensuring that actions are updated regularly to reflect contextual changes, for example to stakeholder priorities or resource availability. A seven year major review is also recommended to again verify that the core principles of the SHRMF remain relevant and to assess the effectiveness of the proposed implementation mechanism.

1. Introduction

1.1. Background

The EMRC and its six member councils recognise the importance of the Swan River as a significant natural asset in Perth's eastern region (see Figure 1) and sought to develop a strategy to enhance its environmental, social and economic value to the region. Initial research undertaken in 2004 identified a range of sites located within the region that already contributed or had the potential to contribute to the region's economic, social and environmental values.

In 2005, EMRC appointed Hassell Consulting to prepare the Swan River Concept Plan. A working group guided the development of the concept plan and included representatives from the four EMRC member councils adjacent to the project area (Bassendean, Bayswater, Belmont and Swan), the Swan River Trust and the Department of Planning and Infrastructure.¹

The Swan River Concept Plan and Management Strategy - Preliminary Research and Consultation Report (the strategy) was prepared, supporting the development of an over-arching vision for the Swan River in the region. Consultation with key stakeholders comprised a major part of the initial research and confirmed widespread support for developing a shared plan for the area.

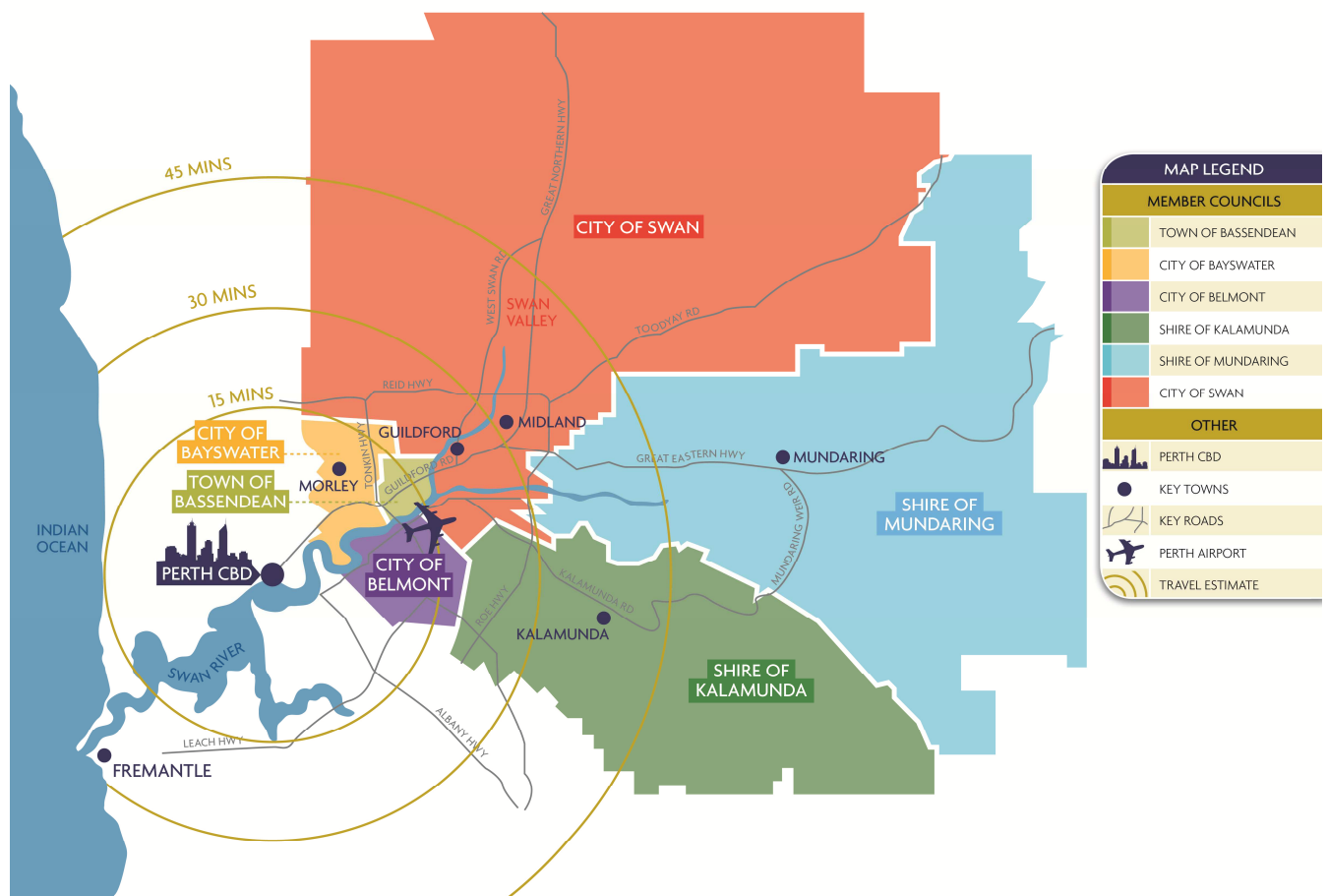
The strategy identified potential land uses and areas along the Swan River and adjacent lands in Perth's eastern region for conservation, protection, rehabilitation or recreation. It recognised potential development nodes and access requirements. The research component of the study identified current and proposed plans, policies and legislation for the Swan River, foreshore and adjacent lands.

The working group determined that it was necessary to change the name from the Swan River Concept Plan to the Swan and Helena Rivers Management Framework (SHRMF) to reflect the achievable outcomes of the study and to avoid the perception that the concept plan included all of the Swan River. The major output of the initiative was a strategic framework (see Figure 2) which identified roles and responsibilities and allocated strategic actions to all stakeholders to guide the ongoing management and development of the eastern reaches of the Swan River and its major tributary, the Helena River.

EMRC took the lead in co-ordinating the actions identified in the SHRMF in collaboration with the other members of the SHRMF working group and key stakeholders as identified in the framework. The framework was divided into two parts: planning strategies and precinct planning. A series of strategies and actions were identified under each guiding principle of the framework with identified lead agencies for each action. Implementation proceeded between 2007 and 2013, when EMRC decided to carry out a review of the SHRMF. SDF Global was contracted by EMRC to undertake an independent review of the SHRMF implementation between December 2013 and June 2014 (see Appendix 2). This report provides a summary of the review process and findings.

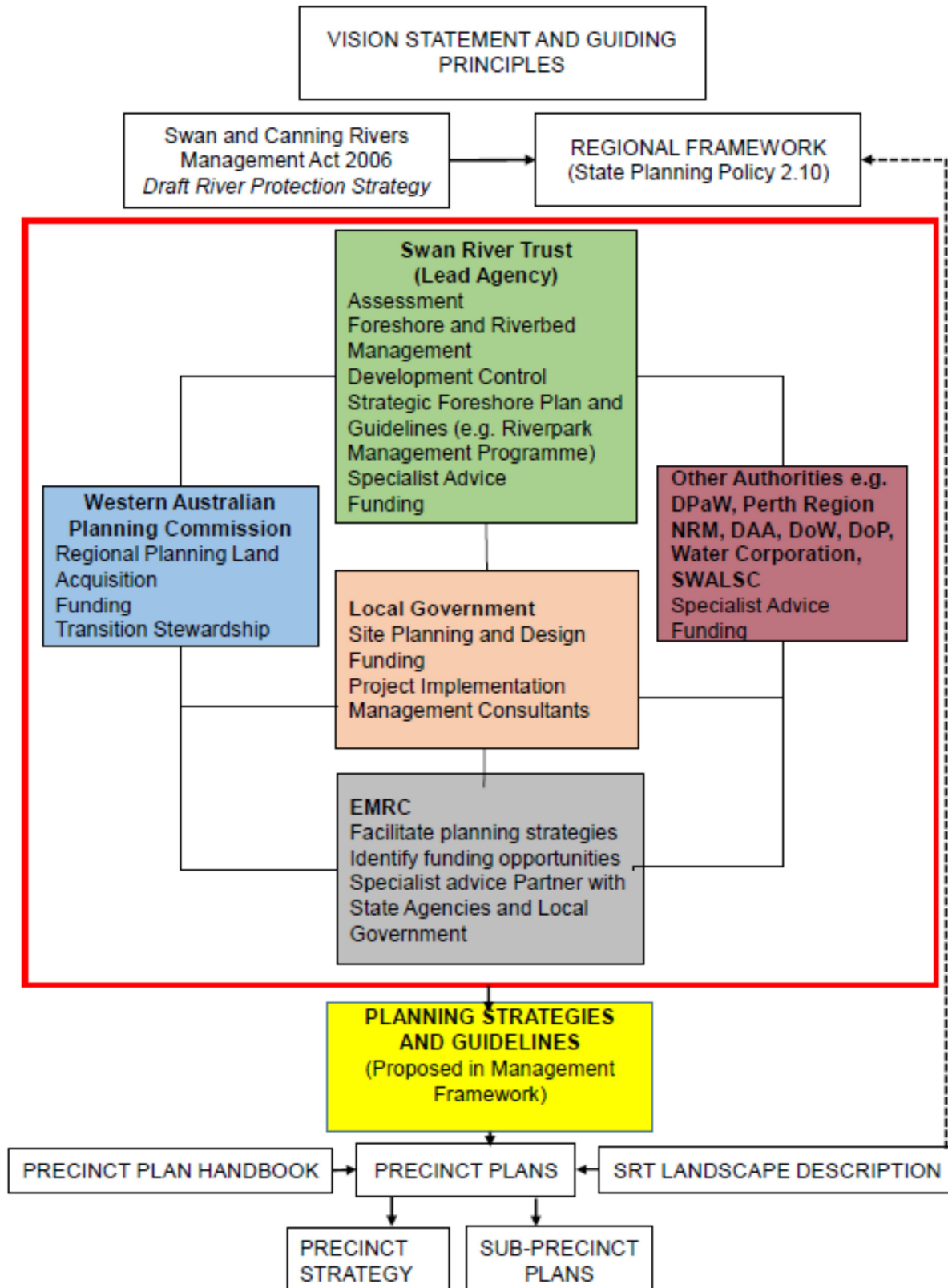
¹ Now Department of Planning.

Figure 1. Member Council Areas of the Eastern Metropolitan Regional Council



Source: EMRC 2013

Figure 2. Swan and Helena River Management Framework (2007)



Note: This document has been regenerated from the Swan and Helena River Management Framework Report (EMRC 2007) to incorporate government department name changes and to recognise the role of the Southwest Aboriginal Land and Sea Council (SWALSC) as key stakeholders in management of the Swan and Helena Rivers.

1.2. Rationale and Purpose for Review of SHRMF

Rationale The SHRMF was approved by the EMRC in 2007. Implementation of the strategies throughout the seven years has been progressed by EMRC directly, through the activities of individual member councils and through the Swan River Trust (SRT). State government agencies and the member councils have also progressed the co-ordination and management of the Swan River foreshore through a number of wider initiatives. For example, SRT has developed a series of whole-of-system initiatives, including the:

- o Draft River Protection Strategy;
- o Draft Swan and Canning Riverpark Trails Master Plan;
- o Draft Swan and Canning Riverpark Interpretation Plan; and
- o Draft Aquatic Use Review and Management Framework.

There have been a number of developments in the legislation and policy context that have impacted or have the potential to influence the continued delivery of the SHRMF. It is therefore timely to review the extent to which contextual changes have affected the relevance of the SHRMF in river management.

The role of EMRC in the SHRMF has been to facilitate implementation, identify and source funding opportunities, liaise with State agencies and undertake advocacy activities. As part of this role, EMRC has continued to track the activities that have related to SHRMF implementation and was aware of the advanced stage of implementation of some strategies, challenges with others and contextual changes.

Purpose For these reasons, it was considered important to carry out an independent review of the SHRMF with a view to:

1. Evaluate progress of the SHRMF, to date;
2. Inform the future direction of the SHRMF project; and
3. Identify the role of EMRC in the ongoing management of the project.

1.3. Methodology

The review of the SHRMF involved eight stages: initiation, status update, strategic alignment, stakeholder consultation, analysis, recommendations and action plan, feedback review and final reporting. An evaluative approach was used to investigate relevance, effectiveness, efficiency and sustainability of SHRMF implementation.

Status update The implementation status of SHMRF actions was investigated first with a desktop review. Initial feedback was sought from representatives of the stakeholders listed as responsible authorities on the status of SHRMF actions (see Appendix 3). The results of the desktop review and stakeholder interviews were incorporated into the first interim output – the Key Action Position Report and an audit table in the format of the SHRMF which detailed the implementation status of the actions.

Strategic alignment and analysis Input from stakeholders was also used to identify the gaps and opportunities for the SHRMF within the current river management context. The input covered the perceived relevance and effectiveness of the SHRMF, implementation

enablers and inhibitors, gaps and opportunities, the relevance of the document, using the SHRMF as a planning tool within the specific organisations, the current and future role of EMRC, and discussion related to other changes occurring in governance throughout the state. This feedback from stakeholders, along with a review of key documents in the context of the Swan and Helena Rivers both at the time of design and those that have been generated since, formed the basis of an Opportunities and Gaps paper. The identified opportunities and gaps were summarised in a Discussion Paper that was circulated to stakeholders in preparation for the stakeholder consultation workshop.

Stakeholder consultation A stakeholder workshop was held in May 2014 and attended by representatives from EMRC, member councils, and other relevant agencies (see Appendix 4). This workshop focussed on confirming the analysis and prioritising the opportunities for the SHRMF and EMRC that had been identified throughout the process thus far. The Department of Aboriginal Affairs (DAA) and SRT presented updates of relevance to improved river management. Information from these presentations and feedback from workshop attendees has been incorporated into this report as well as the Stakeholder Consultation Report.

Final reporting, recommendations and action plan This final report is a culmination of the review and summarises the findings of the preceding stages and outputs. It provides an overall assessment of the SHRMF implementation and proposes strategic directions for future shared management of the rivers, including in particular the role of EMRC in supporting member councils in relation to rivers management. A recommended implementation mechanism and an action plan have been developed to guide future directions for EMRC and the SHRMF (see Section 6).

2. Planning Legislation, Policy and River Management Context

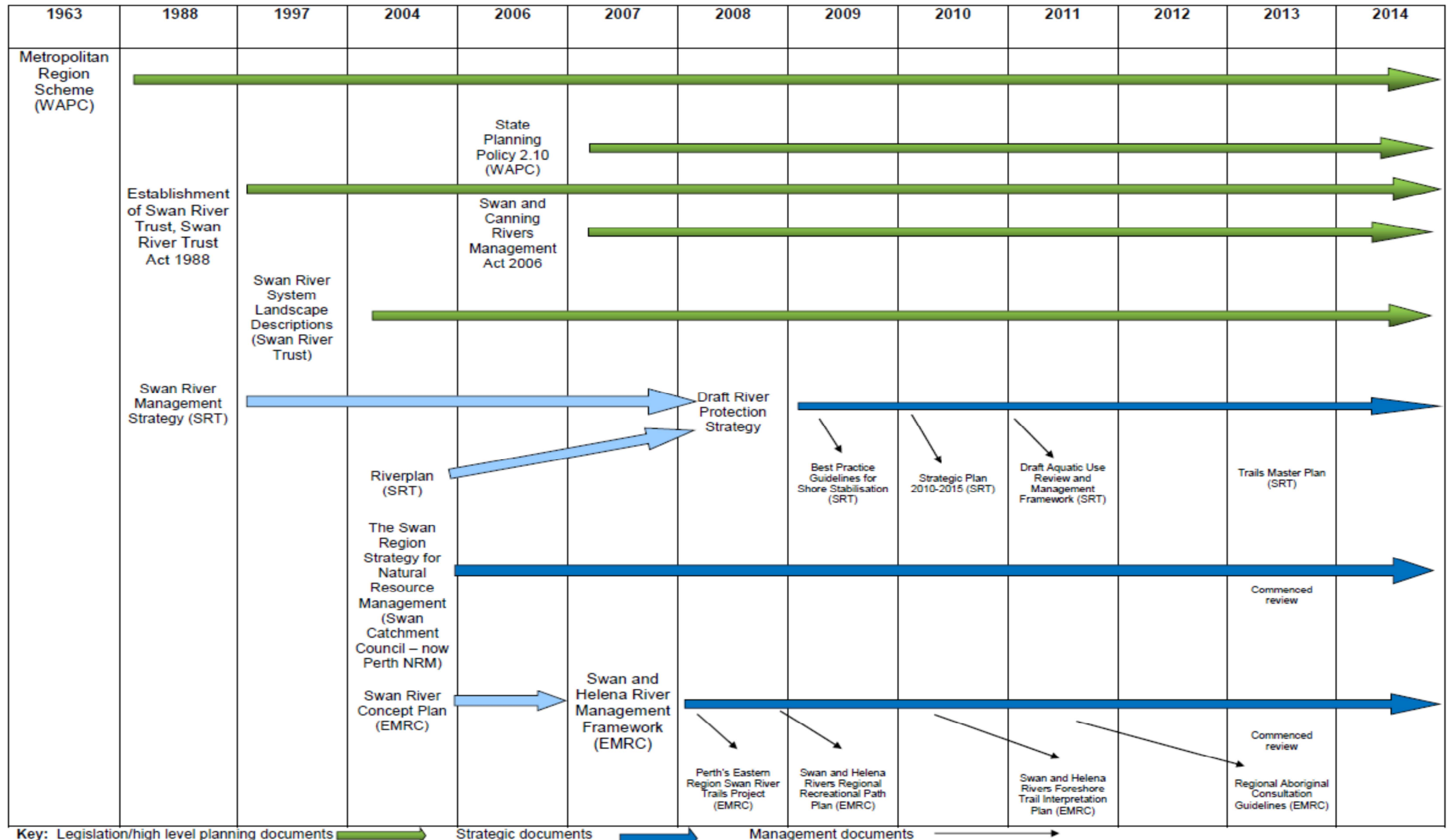
2.1. Context and Timeline

Since the preparation of the SHRMF in 2007, there have been no major contextual shifts in the statutory framework within which the SHRMF is situated. The State Planning Policy (SPP) 2.10 Swan-Canning River System that formed the main basis for the SHRMF remains the key legislative framework for planning in relation to the Swan, Canning and Helena rivers. Figure 3 displays a timeline of the relevant plans, strategies and management documents that relate to the rivers, how they interact and which documents remain current at the time of this review.

SPP 2.10 continues to provide a vision statement and policies for the Swan and Canning River systems based on guiding principles as follows (WAPC 2006):

Our vision for the river and its setting is that it displays its true worth as a sustaining resource to Aboriginal society over many millennia and as the foundation of European settlement in Western Australia. We are committed to protecting and enhancing the river by respecting its environmental values, social benefits and cultural significance. We will guide adjacent land use, civic design and development to ensure that the value of the river and its setting to the community is maintained.

Figure 3. Context and Timeline of Relevant Documents



The Guiding Principles of the SPP 2.10 relate to:

- Social Benefits;
- Environmental Values;
- Cultural and Natural Heritage; and
- Design and Development.

The SHRMF adopts these four guiding principles and includes an additional guiding principle that relates to the planning and management for the SHRMF itself.

Since the release of the SHRMF, a range of new strategies and plans have been developed that are in draft format or are being implemented (see Figure 3). The most important of these is the Draft River Protection Strategy (RPS) for the Swan Canning Riverpark that was endorsed by the Swan River Trust Board in 2012, and replaced the Swan River Management Strategy (1988) and the Riverplan (2004).

The RPS focusses on improved management across the Swan and Canning River system and particularly on the Riverpark and the designated Development Control Areas surrounding the rivers. It reaffirms the concept of implementation of river management across the precincts identified in the Swan River Trust Landscape Description (SRT 1997) and recognised by the SPP 2.10. It also provides for a multi-stakeholder, co-ordinated approach to river protection as well as community amenity and benefit. The RPS has been the catalyst for a range of documents and projects to guide improved implementation.

2.2. Alignment with Guiding Principles and Objectives

The SHRMF review included an assessment of how the SHRMF strategic actions align with other strategic and legislative documents. The review found that the core principles and objectives of the SHRMF remain relevant. The more recent documents mentioned above in 2.1 build from the SPP 2.10 vision and strategic objectives.

The SHRMF includes 17 objectives in relation to the guiding principles (Table 1). Of the strategic actions identified in the SHRMF around half of the actions align with and support actions identified in other associated documents and are still relevant. The newer documents produced over the period of implementation have to an extent superseded the actions identified in the SHRMF. Some are now being implemented on a system-wide basis across the SRT jurisdiction. Others have been completed. Feedback from stakeholders indicated that the system-wide documents and guidelines are more widely used than the SHRMF because they have a legislative basis through the *Swan River and Canning Rivers Management Act 2006*.

Nevertheless, the SHRMF has clearly contributed to and added value to a range of strategic actions. In particular, SHRMF implementation within the region has related to development of recreational trails, co-ordination of precinct and local management plans and the development of the Regional Aboriginal Consultation Guidelines. While the core principles and objectives are still relevant, the SHRMF actions now need to be revisited to ensure that emerging opportunities are included, and that those actions that provide added value are prioritised over those that now overlap with other strategic and operational documents.

Table 1. Review of status in relation to SHRMF Guiding Objectives

Guiding Objectives	Progress Achieved				
	Not achieved	Limited	Moderate	Significant	Highly significant
Social Benefits					
Maintain the river and its setting as a community resource					
Secure public access to the river					
Maintain a sense of place					
Provide opportunities for water transport					
Environmental Values					
Protect the natural environment					
Protect fringing vegetation					
Minimise dredging and channel disturbance					
Implement responsible stormwater management practices					
Respond to river function, topography and landscape					
Cultural and Natural Heritage					
Conserving the cultural and natural heritage of the river and its setting					
Design and Development					
Promote sensitive design and built form to complement the river landscape					
Encourage appropriate development					
Create and maintain foreshore reserves					
Create linkages and natural vegetation corridors					
Planning and Management					
To extend and support the aims of the Eastern Metropolitan Regional Council in establishing an integrated management and planning framework that reflects a total river management approach involving all stakeholders.					
To apply and lobby for funding from a range of public and private sector sources in a co-ordinated manner.					
To establish responsibility for unresolved management areas and issues along the river.					

3. SHRMF Evaluation Findings

3.1. Status of Actions

The findings on the status of the SHRMF detailed actions cover the period from the SHRMF release in 2007 to January 2014, a period of approximately seven years. The SHRMF has been progressed through the development of a hierarchy of guiding principles, objectives, strategies and actions. Strategies were identified under the guiding principles, as well as a more detailed list of actions related to the four precincts. The high priority strategies and actions were identified through a number of SHRMF steering and officer working groups comprised of external stakeholders and member councils' staff. EMRC appointed a co-ordinator for the SHRMF and identified the implementation as a specific project within its portfolio of activities.

The SHRMF actions were implemented initially through the specific SHRMF Steering Group however over time the group was discontinued. Consequently, most actions have been progressed directly by the responsible authorities identified for each action. For this reason, the progress reported in the following paragraphs refers to the combined progress achieved individually by key stakeholders as well as those that can be directly attributed to EMRC support to SHRMF project implementation.

Advocacy has been a high priority for the EMRC in relation to the Swan and Helena rivers with the SHRMF identified as a priority focus area in the Regional Advocacy Strategy (EMRC, 2013). Since 2007, the EMRC has undertaken the following advocacy actions:

- Delegations to Canberra advocating on the SHRMF;
- Regular briefings to local members of parliament including on-site tours;
- Hosted community cabinet meetings which have included briefings on the SHRMF;
- Been an active member of the C21, a forum initiated by WALGA to advocate on further investment on the Swan River by the State government and provided input into the development of the *'Priority Plan for Investment in the Swan-Canning Catchment'*.
- Provided representation on the Swan Canning Riverpark Iconic Trails Project working group and the Swan Canning Riverpark Master Trails Plan working group; and
- Written submissions and provided feedback on relevant policy and legislation relating to the Swan and Helena Rivers.

Planning strategies Overall, the status review of the SHRMF strategies for achieving the objectives under the five guiding principles demonstrates that there has been considerable progress achieved, with 60% of strategies being confirmed as fully completed and a further 24% partially completed with the remaining 16% not progressed. The progress for cultural and natural heritage, social benefits and environmental values was higher than for planning and management and design and development.

Guiding principles A more detailed assessment of the progress achieved towards each of the five SHRMF principles was based on the number of strategies achieved and also considered the relative importance of the strategies in relation to stakeholder feedback. The results shown in Table 1 illustrate the assessed level of significance of SHRMF implementation. On this basis, the progress achieved was found to be mixed across the five principles with significant advances in maintaining the river setting, protecting the natural environment and in conserving natural and cultural heritage. Achievements were limited

however in relation to water transport, stormwater management, promoting appropriate design, resource leverage and resolving land management issues. Moderate progress was achieved for the other objectives. To date, several milestone reports relating to high priority actions have been completed, for example:

- Perth's Eastern Region Swan River Trails Project (2008);
- SHRMF Heritage Audit and Statement of Significance (2009);
- Swan and Helena Rivers Regional Recreational Path Development Plan (2009);
- Swan River Trust - Best Management Practices for Shore Stabilisation – Approaches and Decision-Support Framework (2009);
- Best Management Practices for Shore Stabilisation – Concept Designs for Shore Stabilisation at selected sites in the City of Bayswater (2008);
- Swan and Helena Rivers Foreshore Trail Interpretation Plan – Stage 1 (2011); and
- Regional Aboriginal Consultation Guidelines (2013).

Precinct planning The progress on precinct planning and implementation activities was lower than in relation to the core principles. Of the 51 actions identified to be carried out in the four precincts, only 26% have been fully completed. A further 55% of proposed actions have been partially completed. For 20% of actions, no activity had occurred during the SHRMF implementation period. The completed and not commenced actions were spread fairly evenly across the four precincts.

3.2. Hindering and Enabling Factors

The intent of the SHRMF together with the core principles and precinct planning approach were strongly supported by stakeholders at the time of preparation and throughout the implementation period. Actions were progressed as far as possible within the available resources of the partners. However, during the review, there were some clear factors identified that enabled and hindered implementation. These provide lessons that can be used to strengthen river management processes in future.

Enabling factors The key enabling factors were the strategic recognition of some key actions, available funding particularly through SRT and the generation of strategic documents that guide more detailed activities (see Figure 3). Feedback from stakeholders indicated that progress in the higher level strategic actions was achieved because these were recognised as important at the entire Swan and Canning River system level.

Key documents developed after the completion of the SHRMF have strongly influenced completion of key SHRMF actions, including the Draft RPS (SRT 2012), the Aquatic Use Review and Management Framework (SRT 2012), the Swan Canning Riverpark Iconic Trails Masterplan Project (SRT 2013), and the Best Management Practices for Shore Stabilisation (SRT 2009), which was partially funded by EMRC. Funding programs which enabled the completion of many of the SHRMF actions were most commonly administered by SRT. For example, many foreshore stabilisation works under SHRMF actions in the precinct planning section were completed using funding from the SRT Riverbank Grants Scheme.

Hindering factors The review identified that implementation of the SHRMF was hindered by several key factors, particularly the lack of resources for implementation and the predominant focus on generation of management plans as a key action rather than a higher level focus on precinct or nodal planning and the respective implementation of those plans.

Stakeholder feedback overwhelmingly indicated that lack of the necessary resources was the major factor that hindered SHRMF actions from being completed. Resource leverage was identified as a key role for EMRC, however, this has occurred only to a limited extent. The development of a foreshore funding strategy was identified in the SHRMF, as well as developing cross boundary, regional scale projects to access larger funding pools. This role was also intended to uncover any areas of gaps and overlaps in member council projects and identify areas where resources could be shared across member councils. However, working with multiple agencies led to complexity in preparing regional project proposals. Nevertheless, several joint funding submissions were developed but were not successful. The availability of funding has been limited which has hindered implementation at a regional scale.

The SHRMF placed strong emphasis on the development of management plans, particularly at the local level. Of the 51 key actions within the precinct planning section of the SHRMF, 77% required the development of management plans for particular areas, of which only 26% were completed. However, a further 60% were assessed as partially completed because although the recommended management plans had not been prepared, some of the works specified as sub-actions to be addressed within the proposed management plan had been completed. These most commonly included foreshore stabilisation works and works on trails and other facilities. This indicates that the focus in the SHRMF on producing management plans was not effective because the identified key action did not contribute substantially to achieving the SHRMF outcomes. Stronger emphasis on implementation of sub-actions may have been beneficial in achieving more tangible results.

3.3. Gaps and Opportunities

The review included assessment of gaps and opportunities with a view to identifying future priorities for the regional stakeholders. In reviewing the accomplishment of SHRMF planning strategies and precinct planning actions, there were three main gaps that emerged through the analysis: recognition of the SHRMF in statutory processes; insufficient focus on the detailed precinct planning processes earlier in the implementation process; and a collaborative implementation mechanism that was not continued.

Gaps The SHRMF strategies were not embedded in any statutory planning documents and therefore the framework was used more as a supporting document rather than a required guideline. Many of the recommended activities in the SHRMF related to planning activities, however, the envisaged precinct planning processes did not actively commence in the early years of SHRMF implementation. If the precinct plans had been progressed earlier, then a higher proportion of actions may have been achieved.

A number of Swan and Helena Rivers Working Groups were formed to support implementation and initially were active, but momentum lapsed and the groups did not continue. This led to a gap in knowledge regarding what activities and projects were being undertaken by respective responsible authorities and in collaborative activities. A Regional Environmental Advisory Group was formed to replace the Swan and Helena Rivers Working Groups and other EMRC environmental working groups such as Perth Solar City. This has been of benefit to focus on achievement of environmental actions, but has not explicitly included co-ordination of SHRMF implementation.

Opportunities A number of opportunities for EMRC's ongoing role in the future management of the upper Swan and Helena Rivers were identified throughout the review process.

These included:

- promoting further work towards development of precinct plans;
- providing technical knowledge to member councils on floodplain and acid sulphate soil management;
- assisting with development processes and with streamlining and updating guidelines for built form and foreshore facilities;
- assisting with signage and on-ground projects;
- co-ordinating events; and
- assisting with future developments related to a water transport network.

4. Stakeholder Consultation and Key Priorities

Stakeholder consultation was a focus throughout the review process. Stakeholder input in the initial stages of the review contributed to the development of the status audit, the initial findings for the discussion paper as well as identification of the gaps and opportunities as summarised in this report.

A workshop was then held to allow stakeholders to provide further feedback on the findings of the review, to discuss their priorities and to contribute to identifying future directions for the SHRMF and EMRC. The workshop was attended by representatives from stakeholders listed as responsible authorities for SHRMF strategies and actions (see Appendix 4).

At the stakeholder workshop, attendees were presented with opportunities identified through the review process and asked to prioritise them (see Table 2). There was discussion at the stakeholder workshop that a number of the priorities were closely linked and could be merged, particularly in relation to the activities of operational groups and stakeholder communication. Consequently, although the listed group priorities were similar to the individual priorities, the stakeholders added value to the discussions as future directions were considered. The results of the prioritisation were influenced by these discussions. For example, signage was given a lower priority not because it was considered unimportant, rather because it was considered to be integral to trail development, foreshore works and operational groups. These points have been considered in preparation of the action plan (see section 6).

Overall, the findings from the workshop re-affirmed the support for the principles of the SHRMF and the focus on precinct planning. Of overwhelming importance was the feedback that a higher level of activity is required on implementation of key actions from the SHRMF. Priorities for EMRC moving forward are around resource mobilisation and strategic collaboration to gain stronger commitment for planning and implementation of key projects around the Swan and Helena Rivers.

Table 2. Stakeholder Priorities - Top Five and Bottom Two

Opportunity	Priority Ranking Individual	Priority Ranking Group
1. Support member councils to secure funding for the development of precinct plans and other foreshore works.	1	1
2. Work with Department of Water (DoW) to provide member councils with additional technical knowledge on implementation of DoW guidelines in relation to floodplain management, structures and risks.		
3. Progress key research, for example in addressing acid sulphate soil.		
4. Streamline and update policies and guidelines to assist developers to align development proposals with the core principles.		
5. Develop plans for formal commercial and recreation water transport network.	13	13
6. Co-ordination of information in relation to existing and proposed foreshore and land based infrastructure through nodal/sub-precinct planning.		
7. Signage improvement in collaboration with Swan River Trust and local government authorities.	12	12
8. Practical partnership arrangements for on-ground projects in precinct planning - could be of benefit in generating joint project designs for larger scale funding applications.	4	3
9. Operational group to focus on leveraging resources to implement the existing and future strategies of the SHRMF.	3	2
10. Operational group to support cross-regional activities such as regional recreation trails, water transport development, regional events and liaison with Aboriginal groups.	5	5
11. Strengthen strategic dialogue to gain corporate and state commitment to core principles, strategies, and plans.	2	4
12. Target key WAPC land to improve strategic land management in line with core principles.		
13. Improve information and communication to stakeholders, councils, and community.		

5. Summary of SHRMF Review Assessment

Relevance Overall, the principles articulated in the SHRMF were found to be highly relevant, both at the time of design and currently. The principles are strongly aligned to the Western Australian legal framework through State Planning Policy 2.10 and the *Swan and Canning Rivers Management Act 2006*. The key principles highlight the main issues of importance to all key stakeholders and there was no aspect identified during the review that was inconsistent or missing from the framework in this regard.

The SHRMF implementation has achieved a lower level of relevance to stakeholders at the practical level. The implementation mechanisms recommended in the original framework, through a series of memoranda of agreement proved unwieldy to implement and did not secure the required commitment. The reason for lack of commitment related to the broad nature of agreements sought so that potential partners felt unable to commit to planned actions due to factors beyond their control. Consequently, many of the actions progressed in the framework have largely been the result of unilateral activities by the stakeholders rather than as a result of a co-ordinated approach. This has undermined the importance of the SHRMF and contributed to a perceived lack of relevance of the SHRMF implementation amongst the stakeholders at present.

In summary, there is strong support for continued implementation of the SHRMF in line with the key principles and a precinct planning approach. Nevertheless, a new, more relevant implementation mechanism is required.

Effectiveness The effectiveness of the SHRMF implementation is demonstrated by the extent to which the key actions were implemented and the expected results that were achieved. The synopsis of the extent to which objectives were accomplished and the performance of actions achieved shows that the effectiveness of implementation has been moderate to significant. Whilst this result is positive, the extent to which actions were achieved was largely a result of already mobilised action using already allocated resources. In this respect, the incremental level of achievement as a result of the SHRMF process has been more modest. Nonetheless, the value of a strategic framework and the ongoing willingness of partners to collaborate towards achievement of the objectives should not be underestimated. Overall, this signals that the SHRMF effectiveness has been moderate, yet that there is a foundation for improvement.

Efficiency The efficiency of the actions achieved relates to the “value for money” in relation to the resources that have been applied to actual implementation of the framework. Feedback from stakeholders suggested that the SHRMF at the time of design was comprehensive but that, in retrospect, it did not contribute to efficient management. The detailed actions rested too heavily on a hierarchy of developing management plans without identifying the source of funds to undertake and implement such plans. Furthermore, stakeholders were unable to adequately self-track the level of progress and thus did not use the SHRMF as a management tool.

Much of the activity that has been achieved has been as a result of direct action by the stakeholders and was likely to be progressed even without the existence of the SHRMF. There was no legislative requirement to implement the SHRMF and, in this respect, the resources invested in development of the SHRMF have not been efficiently utilised. Resources would have been more efficiently utilised on the preparation of statutory tools, or alternately on support for implementation of on-ground works.

Nevertheless, the results achieved from the SHRMF and the ongoing relationships in the various implementation activities that have been progressed have been positive. EMRC funds a full time officer (Environmental Consultant) to deliver the SHRMF as a key project. This role and the additional resources applied for the implementation of the key principles has been estimated to be approximately \$115,000 per year. In this respect, and given the high importance given to the principles of the SHRMF by the stakeholders, the value for money has been acceptable. The question that arose through the review was how to increase the level of value for money. The overarching analysis indicates that the key lies in

the prioritisation of activities and leveraging of resources to implement those activities, which will be an important area for improvement moving forward.

Sustainability The sustainability of the SHRMF can be assessed both in the extent to which the vision and objectives have been progressed and are still supported by the stakeholders; and also by the extent to which the outcomes from respective activities are being sustained. The sustainability of SHRMF with respect to its vision, objectives, intent and scope is strong. No major changes to the principles, key strategies and objectives were proposed and there was general concurrence that the partners should continue working on these in a collaborative manner.

Sustainability with respect to the actions achieved was mixed. Where guidelines and plans were generated as a result of the SHRMF, some have been adopted by the involved stakeholders and are being implemented; others are not, often due to lack of resources. Where activities such as the precinct planning, implementation of works and preparation of guidelines have been supported through the SHRMF, EMRC participation has been useful, appreciated and has contributed to sustainable outcomes. The major impediment to sustainability was the lack of an implementation mechanism for co-ordination that could be relevant and easily maintained by stakeholders under the leadership of EMRC.

6. Future Directions and Action Plan

Based on the overall assessment of the SHRMF, the following approaches and key actions are recommended.

6.1. Strategic Direction of the SHRMF Project

The review has clearly identified that the core principles and objectives in the SHRMF remain valid and should be continued. It is through the implementation of strategies and actions that support these principles and objectives that EMRC can improve benefit to its member councils. This section outlines strategic approaches for moving forward and proposes key actions corresponding to the guiding principles and objectives.

In order to progress the SHRMF project, strategic relationships between EMRC, its member councils and other key agencies such as SRT, Western Australian Local Government Association (WALGA), Department of Planning, Western Australian Planning Commission (WAPC) and Department of Parks and Wildlife should be strengthened. EMRC would ensure that its role as facilitator adds value to the direct relationships that member councils already have with these agencies, thus strengthening advocacy and avoiding duplication.

Due to the proposed local government reforms, the nature of relationships between member councils, key state government agencies and EMRC are vulnerable to change. While the proposed reforms do not affect the area that the SHRMF covers, the number of member council stakeholders that EMRC will deal with and the individuals that represent them is expected to change. As reforms take place, EMRC should proactively work with the newly formed member councils to ensure that future river management activities are part of member councils forward planning strategies and plans. Advocating with community leaders and groups to ensure that river-related strategies are adequately reflected in community strategies will also assist in gaining member council ownership of the SHRMF strategies.

There is also a need for stronger and higher level engagement with key partners in relation to land management issues. Issues related to land ownership and management are complex and support by EMRC to clarify roles and responsibilities in specific locations within the SHRMF area of coverage could be of benefit to progress improved river management.

There is an opportunity for EMRC to take a lead role on behalf of the member councils in improved co-ordination and joint action. This should include reconstituting a leadership group for the SHRMF including key decision-makers as well as several operational groups to focus on particular projects such as precinct planning or resource leverage. A strong partnership with SRT in key projects such as research, riverbank protection, development activities and drainage management is recommended.

6.2. Communication and Co-ordination

Communication and co-ordination was the key role for EMRC in the SHRMF and this continues to be a recommended approach, however some improvements are recommended. In particular, the mechanisms for communication and co-ordination need to be more responsive to change and inclusive of stakeholders and their needs.

A new approach is proposed which builds on the existing strengths of the SHRMF implementation process. This includes two distinct levels of implementation that need to be supported by EMRC: strategic and operational. Rather than a long term program of activities with all actions already identified, a more responsive and proactive ongoing mechanism of co-ordination is required. The link between the strategic and operational activities to achieve more proactive implementation is shown in Figure 4.

Strategic co-ordination As noted in section 6.1, there is a need to strengthen strategic relationships. This requires ensuring that decision-makers are aware of the priorities in relation to the SHRMF and that strategic actions to enable implementation are acted upon. To this end, it is proposed that an annual SHRMF summit be held with senior level invitees. The agenda could be based on a rolling three year plan.

The summit could include: a progress update on actions in the preceding year; key topics of interest to the stakeholders; and affirmation or adjustment of the strategic priorities for the next three years. This would be more appropriate to the local government planning cycle and allow for better alignment of planned activities with State and local government budgets. The summit could also include several short presentations on key priorities that are to be addressed in the coming year, the actions proposed and the strategic support required so that there is better understanding by decision-makers on the priorities. There could also be updates on emerging research and new knowledge and practices that could benefit the stakeholders. The feedback from strategic partners would be documented by EMRC and followed up to gain and secure the support required for implementation.

Figure 4. Proposed implementation mechanism



Operational co-ordination The proposed annual SHRMF summit would be the nexus of strategic and operational activities. Some strategic priorities would align with those identified through the original SHRMF action plan, others have been noted through this review. There will also be emerging actions that are of benefit in line with the SHRMF principles and objectives. The annual summit would gain strategic support for identified priorities for the three year plan and then an annual operation plan would be devised from the input by the EMRC. Working groups would be convened as required. Some of these working groups may be ongoing over several years and would operate on an ongoing terms of reference. Others would be short term working groups to achieve specific outcomes. In addition, EMRC would continue to liaise with key agencies including SRT, WALGA, Department of Planning, Department of Parks and Wildlife and WAPC on regional projects including drainage, trails, signage and research. Enhanced co-ordination with Aboriginal stakeholders would also be beneficial.

6.3. Mobilisation of Resources

A more strategic approach to resource mobilisation is needed. The role of EMRC would be to assist local governments in leveraging funding for: implementation of on-ground works; to progress regional initiatives; and to assist with progressing opportunities for applied research. In particular, EMRC would focus on the following:

- Enhancing advocacy at a strategic level for required resources in budgets (funds and staff resources to focus on specific priorities).
- Strengthening skills in resource leverage through grants, research funding, private sector/corporate partnerships, and other fundraising activities. This may require contracting a consultant with expertise in private sector/corporate partnerships to develop a funding model.
- Preparing feasibility studies, business cases and other supporting documents to assist with gaining resources for implementation.

6.4. Targeted Implementation

The previous focus of the SHRMF was on preparing management plans. The direction forward needs to be more focussed towards achieving on-ground results in regional nodes. In particular, progressing precinct planning and leveraging of resources are needed to enable on-ground results.

This focus on targeted implementation could involve specific working groups that emerge from the annual summit. Some working groups may be temporary to achieve specific actions; others may be multi-year working groups with a more formal structure. Some examples of specific operational projects that could be considered are:

- Implementation of the Swan Canning Riverpark Iconic Trails Masterplan Project to achieve minimum standards and improved connectivity for bicycle, pedestrian and horse trails as well as uniformity and consistency of interpretation and other signage.
- Work with member councils that are updating Local Planning Schemes to incorporate stronger recognition of the rivers and relevant boundaries such as the Riverpark; and advocate for DoW to review floodplains in light of climate change, to define flood management strategies and include recommendations for safety and mitigation.
- Co-ordination and consistency between member councils, SWALSC and DAA to update and improve implementation of policies and guidelines.

6.5. Implementation Schedule

The SHRMF outlined strategies and actions with a long term view of implementation. Tracking of performance has been the responsibility solely of EMRC and there has not been a collaborative and shared responsibility for assessing performance on a more regular basis. Seven years on, the SHRMF recommended actions remain unchanged from the establishment in 2007.

A three year rolling action plan is proposed as a means to ensure future plans remain current, while remaining aligned to the original principles and objectives of the SHRMF. This would allow for the continuation of a strategic focus on the SHRMF guiding principles while allowing flexibility to update actions regularly to reflect changing conditions such as the needs of stakeholders and resource availability.

To assist in this approach, an action plan has been developed and is included in Table 3. The action plan features some of the recommended actions from this review as they correspond to the guiding principles. The actions have been prioritised as:

- long term continuing;
- short to medium term (requiring specific focus);

- emerging opportunities; or
- watching brief.

Long term continuing These are expected to be ongoing long term actions that require a continuous focus to keep on track within at least the next three years. The sub-actions would be reviewed and reported on an annual basis.

Targeted short to medium term These actions would be those identified that require a specific process and timeframe for action. They are likely to require their own project plan and may comprise several project components and specific partnerships based on the identified outcomes required. They are more likely to be progressed through working groups at the operational level although will also require strategic involvement where appropriate.

Emerging opportunities These actions are likely to emerge from discussions between stakeholders, from new technical knowledge or in response to policy or other contextual changes. They may be short, medium or long term depending on their nature, but are likely to require short to medium term focus for a planning, development or pilot phase.

Watching brief It is recommended that all of the guiding objectives should be maintained in the action plan, though there is not necessarily a need for all of them to be populated with actions at any one time. To ensure that focus on the guiding objectives is maintained those with no underlying priority actions at this time have been classified as a watching brief. This means that they should be monitored for progress and any contextual changes. If any opportunities or need for action arise these should be identified and raised at the SHRMF summit. The action plan for the following three years should then be updated to include the necessary action or if required amend the objective in line with new or amended objectives.

6.6. Action Plan

The following action plan (Table 3) contains suggested actions corresponding to the guiding objectives of the SHRMF. Each action includes an assessment of the resources required, as well as lead and partnering responsibilities for implementation to ensure that planned actions are feasible within the resources available and that implementation responsibilities are clear. Operational task lists for implementation of these actions should be developed, which should include the development of key performance indicators for each project. These would be the basis of annual monitoring and reporting at the summit. It is recommended that SHRMF strategies and actions are reported on each year, resulting in an updated action plan looking forward to the next three years. It is also recommended that a major review be conducted every seven years.

Actions have been categorised as continuing, emerging, or targeted (as detailed in section 6.5). To further assist with prioritisation moving forward, actions have been allocated suggested timeframes as per the below key.

Timeframe Key	
O	Ongoing
W	Watching Brief
1	To be completed end Year 1
2	To be completed end Year 2
3	To be completed end Year 3

Table 3. Action Plan

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
Social Benefits								
1. Maintain the river and its setting as a community resource	1.1. Progress precinct planning process.				O	Funding, operational groups.	Member councils	SRT, EMRC, WAPC
	1.2. Seek practical arrangements for on-ground projects in precinct planning.				O	EMRC and member council staff time, funding, operational groups.	Member councils	EMRC , WAPC, SRT
	1.3. Generate joint project proposals for regional scale funding applications.				O	EMRC and member council time, financial resources to support funding applications.	EMRC, member councils	SRT, WAPC and any other relevant agencies or organisations.
2. Secure public access to the river	2.1. Through the precinct planning process, identify opportunities and priority areas for on-ground works to improve river and foreshore access and connectivity.				O	Member councils core budgets with SRT funding. Officer time.	Member councils	SRT, WAPC, EMRC, consultant if required for specialist works.
	2.2. Help to facilitate implementation of on-ground works to improve				O	EMRC and member council staff time,	Member councils	EMRC, WAPC, SRT, SWALSC, DAA

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
	foreshore access and connectivity for bicycle, pedestrian, and horse trails within the foreshore area.					funding, member council core budgets, operational groups.		
	2.3 Advocate for implementation of on-ground works to improve foreshore access and connectivity within the foreshore area.				O	EMRC officer time, member council staff.	EMRC	Member councils
	2.4 Investigate funding opportunities for implementation of works to improve foreshore access and connectivity to the river.				O	EMRC officer time.	EMRC	Member councils, consultant
3. Maintain a sense of place	3.1 Work with member councils and SRT to improve uniformity and consistency of interpretation and other signage in line with the Swan-Canning Riverpark Interpretation Plan.				2	EMRC and member council time, funding, member council core budgets, operational groups.	Member councils, EMRC	SRT, National Trust of Australia (WA), WAPC, SWALSC, DAA
4. Provide opportunities for water transport	4.1 Be aware of progress in the development of water transport. If opportunities arise,				W	EMRC officer time.	EMRC	Member councils, SRT, Department of Transport, MRA, Department of Planning

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
	actions in this area should be developed.							
Environmental Values								
5. Protect the natural environment	5.1 Contribute to research on key issues affecting rivers e.g. climate change, impacts of urbanisation, drainage, flood control, Acid Sulphate Soils.				O	Relationships with relevant institutions and agencies e.g. universities, CSIRO, SRT	EMRC	Member councils, SRT, Department of Water (DoW), Water Corporation, WAPC, CRC for Water Sensitive Cities and other relevant agencies and institutions.
	5.2 Facilitate provision of technical knowledge to member councils on the implementation of the Department of Water guidelines on floodplain management.				O	Staff resources, relationships with DoW and member council staff.	EMRC	Member councils, DoW, CRC for Water Sensitive Cities.
	5.3 Investigate funding opportunities for implementation of foreshore stabilisation and restoration works,				O	EMRC officer time.	EMRC	Member councils, SRT, WAPC, consultant.
	5.4 Investigate opportunities for a resource to focus on river restoration across the member councils				O	EMRC staff time, funding.	EMRC	Member councils, SRT, WAPC, Department of Parks and Wildlife.

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
	with an emphasis on restoration, community engagement and education.							
6. Protect fringing vegetation	6.1 Within the precinct planning process, identify key areas for vegetation protection works.				O	Member councils' staff, SRT funding, other funding.	Member councils	SRT, EMRC, WAPC.
7. Minimise dredging and channel disturbance	7.1 Be aware of any potential dredging issues.				W	Member council and EMRC staff time.	Member councils	EMRC, SRT.
8. Implement responsible stormwater management practices	8.1 Provide information to member councils on improving urban stormwater drainage.				O	EMRC staff time.	EMRC	Member councils, DoW, Water Corporation, WALGA, SRT, CRC for Water Sensitive Cities and other relevant stakeholders.
9. Respond to river function, topography and landscape	9.1 Encourage member councils to include recognition of the rivers and of the SPP 2.10 in their Local Planning Schemes. (See also Action 12.2).				2	Staff time for advocacy and communication. Funds for a planning consultant. Operational group.	EMRC	Member councils, WAPC, SRT, DoP Consultant.

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
Cultural and Natural Heritage								
10. Conserving the cultural and natural heritage of the river and its setting	10.1 Provide information to member councils on best practice Aboriginal consultation and advocate for increased contact /communication with DAA and SWALSC.				O	EMRC officer time.	EMRC	Member councils, SRT, DAA, SWALSC.
Design and Development								
11. Promote sensitive design and built form to complement the river landscape	11.1 Identify opportunities to communicate/liaise with developers on water sensitive design and SRT built form guidelines.				O	EMRC and member council staff time	EMRC	EMRC, member councils, developers, SRT, DoW, WAPC, CRC for Water Sensitive Cities.
12. Encourage appropriate development	12.1 Provide support and new technical information to member councils in relation to development such as floodplain management and risk management.				O	EMRC staff time, funding.	EMRC	CRC for Water Sensitive Cities, DoW SRT, DoP, WAPC
	12.2 Encourage member councils to include recognition of the rivers and climate change in their Local Planning Schemes.				O	EMRC staff time for advocacy and communication. Funding for planning consultant.	EMRC.	EMRC, planning consultant, member councils, WAPC.

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
13. Create and maintain foreshore reserves	13.1 Support implementation of the Swan Canning Riverpark Iconic Trails Masterplan Project.				O	EMRC and member council officer time, funding, member council core budget.	SRT	EMRC, member councils, WAPC.
14. Create linkages and natural vegetation corridors	14.1 Provide support to member council environmental officers to implement on-ground works.				O	EMRC and member council staff time, funding, member council core budget.	EMRC	Member councils, SRT
Planning and Management								
15. To extend and support the aims of the Eastern Metropolitan Regional Council in establishing an integrated management and planning framework that reflects a total river management approach involving all stakeholders.	15.1 Reconstitute the SHRMF leadership group. This group should include high level representatives from key agencies (see action 15.3).				1	Staff time and time of members of the group.	EMRC	Member councils, SRT, SWALSC, DAA, WAPC, WALGA, DoW, MRA, Perth Region NRM, Town of Victoria Park, City of Vincent, Burswood Park Board, Dept of Parks and Wildlife.
	15.2 Strengthen regional co-ordination and advocacy through				O	Senior level commitment at State and LGA	EMRC	State and local government representatives,

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
	strategic communication channels to gain corporate and State commitment to the guiding principles, strategies, and plans related to the SHRMF.					council level.		member councils, private sector.
	15.3 Plan and hold the first annual SHRMF summit (including annual report).				1	Staff time and EMRC budget	EMRC	High level representatives from member councils, SRT, other key stakeholders
16. To apply and advocate for funding from a range of public and private sector sources in a co-ordinated manner.	16.1 Engage a consultant to investigate funding opportunities, particularly for mobilising private sector/corporate partnerships, research funds and for identifying and maximising grant funds.				1	EMRC SHRMF core budget	EMRC	Member councils, consultant.
	16.2 Facilitate a strategic approach to identifying available funding sources. This should involve: <ul style="list-style-type: none"> Formation of an operational team to focus on leveraging resources. 				O	EMRC and member council staff resources and time. Financial resources to support funding applications and	EMRC	Member councils, operational group, consultant.

Three Year Rolling Plan								
Guiding Objectives	Actions	Continuing	Emerging	Targeted	Timeframe	Resources Required	Lead Responsibility	Supporting Responsibility
	<ul style="list-style-type: none"> Preparation of feasibility studies, business cases and other supporting documents to assist member councils to gain resources. 					development of documents.		
	16.3 Advocate to the public and private sector for funding for the SHRMF.				O	Staff time.	EMRC	Member councils, consultant, operational group.
17. To establish responsibility for unresolved management areas and issues along the River.	17.1 Facilitate a targeted approach to resolve management responsibility and improve management of contested sites around the rivers.				3	Staff time	EMRC	Member councils, WAPC, DoP

7. Conclusions and Recommendations

7.1. Conclusions

Implementation progress is satisfactory Progress has been achieved in implementation of the actions under both the SHRMF planning strategies and precinct planning in the seven years following the preparation of the SHRMF. For the planning strategies, the greatest progress was achieved under the core principles of cultural and natural heritage, social benefits and environmental values. Those strategies underlying the core principles of planning and management and design and development, however, had a lower proportion of actions completed. For the precinct planning actions, reasonable progress was achieved across all four precincts and the development of detailed precinct plans for Belmont and Bassendean holds good prospects for future implementation. Resource availability was the major hindering factor for those actions that were not fully completed. Actions that were not completed most commonly related to the preparation of small scale management plans, which indicates that prioritisation of larger scale precinct plans over these site specific plans and a greater focus on the implementation of on-ground actions would be beneficial moving forward.

Weaknesses in the SHRMF implementation mechanism Despite targeted advocacy the lack of available funding has resulted in actions remaining incomplete due to a lack of resource availability for implementation. Furthermore, implementation of SHRMF actions was hindered by insufficient political and strategic commitment to rivers management and the failure of the implementation mechanism to maintain co-ordination and communication throughout the implementation process, and to be responsive to contextual changes.

Stakeholder priorities identified Engagement with stakeholders throughout the review overwhelmingly indicated that the priority for EMRC is to support member councils to secure strategic commitment and funding for precinct planning and on-ground works. Further priorities moving forward for the SHRMF and EMRC are to strengthen strategic dialogue, form operational groups to focus on leveraging resources and the development of cross-regional activities and facilitate practical partnership arrangements for on-ground projects.

7.2. Recommendations

Focus on resource mobilisation The recommended focus of EMRC moving forward is primarily on resource mobilisation to facilitate the completion of precinct plans and on-ground works. A renewed approach to this focus is recommended, which should entail enhanced advocacy at a strategic level; strengthening skills in resource leveraging through grants, private sector partnerships and other fundraising activities; and preparation of supporting documents to assist with gaining resources for implementation.

Enhanced collaboration and co-ordination Reflecting stakeholder priorities, it is recommended that EMRC aim to strengthen strategic relationships with important agencies such as SRT, WALGA, Department of Planning, WAPC, Department of Parks and Wildlife, Department of Environment Regulation and member councils. EMRC should also aim to provide a co-ordinating role in relationships between the various stakeholders on both

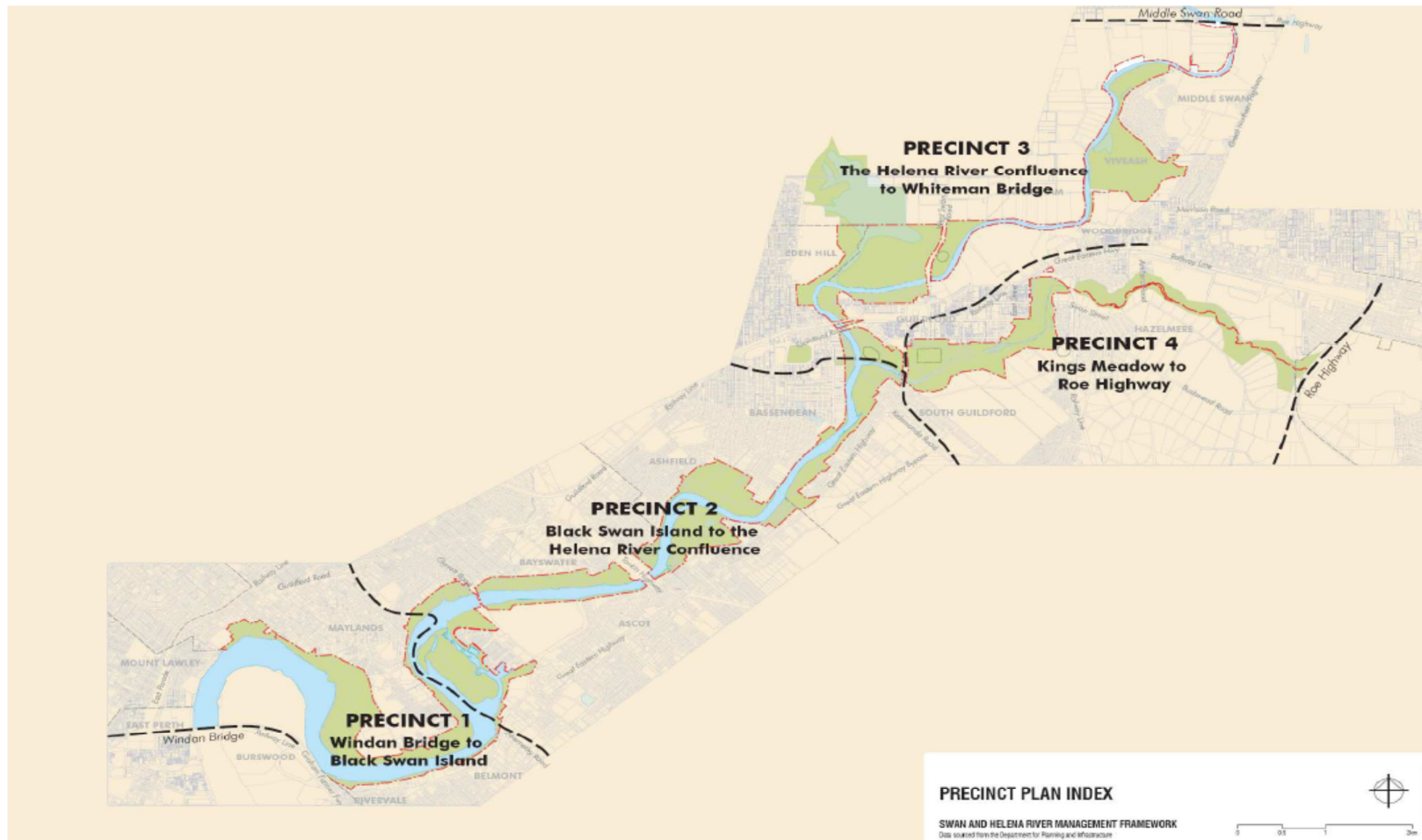
strategic and operational levels. The ultimate aim of this collaboration and communication is to gain stronger commitment amongst key stakeholders for the planning and implementation of projects to improve management of the Swan and Helena Rivers and for the mobilisation of the necessary resources for implementation of these projects.

New implementation mechanism A new mechanism for implementation of the SHRMF is recommended. This could entail the use of the proposed three year rolling action plan with an annual SHRMF summit to review and update the action plan for the subsequent three years. This proposed mechanism will facilitate the implementation of SHRMF actions and ensure that the implementation process continues to reflect stakeholder priorities into the future. A seven year major review is also recommended to again verify that the core principles of the SHRMF remain relevant and to assess the effectiveness of the proposed implementation mechanism.

APPENDICES

APPENDIX 1	PRECINCT MAP
APPENDIX 2	CONSULTANT'S BRIEF
APPENDIX 3.	LIST OF STAKEHOLDERS CONTACTED
APPENDIX 4.	LIST OF WORKSHOP ATTENDEES
APPENDIX 5.	BIBLIOGRAPHY

Appendix 1. Precinct Map



Source: Hassell and EMRC 2007, Swan and Helena River Management Framework Report

Appendix 2. Consultant's Brief

The objectives of the major review are to evaluate progress, to date, of the SHRMF and to inform the future direction of the SHRMF project and the role of EMRC in the ongoing management of the project.

A broad outline of the major tasks in conducting the review of the SHRMF are summarised in Table 1. Consultants must clearly indicate the methodology that will be used to achieve each stage.

Table 1: Project Scope

Stage	Task/s	Deliverable	Deadline
1	Project initiation meeting, confirm project scope, collect and review documents and other background information.	Confirmation of review methodology.	November 2013
2	Evaluate SHRMF and related strategies.	Report on progress against the SHRMF and related strategies.	December 2013
3	Review and align the SHRMF document with current river management and planning legislation and policy.	Develop a brief paper identifying any opportunities and gaps within current river foreshore management framework and making recommendations in relation to the SHRMF and EMRC.	January 2014
4	Undertake stakeholder consultation by means of one-on-one meetings and a stakeholder workshop of EMRC member councils and key agencies. This should include but is not limited to: Town of Bassendean, City of Bayswater, City of Belmont, City of Swan, Swan River Trust, Western Australian Planning Commission.	Report detailing outcomes of one-on-one and workshop consultation.	February/ March 2014

Stage	Task/s	Deliverable	Deadline
5	Document and report on the evaluation, consultation process, outcomes, conclusions and recommendations. Identify any opportunities and gaps within the current river foreshore management framework for the EMRC to progress through the SHRMF and related strategies.	Draft report of the review of the SHRMF.	March 2014
6	Make recommendations for future actions/direction for the SHRMF and related strategies.	Action Plan	April 2014
7	EMRC to consider draft report and recommend any revisions to consultant.	Draft report of the review of the SHRMF including Action Plan submitted to EMRC.	April 2014

Appendix 3. List of Stakeholders Contacted in Stage 2 Consultation

Responsible Authority	Key Stakeholders
City of Belmont	Nicole Davey
City of Bayswater	Jeremy Maher Doug Pearson
City of Swan	Jeremy Manning
Town of Bassendean	Simon Stewart-Dawkins Ken Cardy Jeremy Walker
Swan River Trust	Chris Mather Adnaan Abraham Paul Stephens
Western Australian Planning Commission	Ross Parker Peter Kane
Department of Water	Toni Smythe
Burswood Park Board	Brian Wishart
Metropolitan Redevelopment Authority	Bart Boelene Jocelyn Baister
Town of Victoria Park	Brendan Nock
City of Vincent	Jacqueline Parker
South West Aboriginal Land and Sea Council	Working Group and circulation of briefing paper to wider community.
Department of Aboriginal Affairs	Peter Facey
Perth Region Natural Resource Management	Diana Neuweger

Appendix 4. List of Workshop Attendees

First Name	Surname	Position	Organisation
Nicole	Davey	Co-ordinator Environment	City of Belmont
Ric	Lutey	Director Technical Services	City of Belmont
Warren	Stephens	Manager Parks and Environment	City of Belmont
Jeremy	Maher	Co-ordinator Environment	City of Bayswater
Jeremy	Manning	Co-ordinator Sustainable Environment	City of Swan
Grant	MacKinnon	Natural Areas Assets Co-ordinator	City of Swan
Ken	Cardy	Acting Director Operational Services	Town of Bassendean
Brian	Reed	Manager Development Services	Town of Bassendean
Rod	Hughes	General Manager	Swan River Trust
Glen	McLeod-Thorpe	Senior Planning Officer	Swan River Trust
Jocelyn	Baister		Metropolitan Redevelopment Authority
Anna	Spain	Project Manager (Midland and Riverside)	Metropolitan Redevelopment Authority
Tony	Pantano	Field Management Officer	Western Australian Planning Commission
Diana	Neuweger	Stakeholder Engagement Co-ordinator	Perth Region NRM
Cesar	Rodriguez	Manager Approvals and Advice - Government	Department of Aboriginal Affairs
Naomi	Rakela	Manager, Environmental Services	EMRC
Marilynn	Horgan	Director, Regional Services	EMRC
Joanne	Woodbridge	Business Development Co-ordinator (Sustainability and Environment)	EMRC
Erin	Harrison	Environmental Advisor	EMRC
Roberta	Circosta	Environmental Consultant	EMRC
Dorothy	Lucks	Facilitator	SDF Global
Maria	Price	Facilitator	SDF Global

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*** Grey items were referenced in the status audit by stakeholders, but not reviewed by SDF



11.3 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: D2015/00093 (CEOAC) – D2015/01122

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

1. REGIONAL SERVICES

- 1.1 REGIONAL DEVELOPMENT ACTIVITY REPORT OCTOBER TO DECEMBER 2014
(Ref: D2015/00396)
- 1.2 ENVIRONMENTAL SERVICES ACTIVITY REPORT OCTOBER TO DECEMBER 2014
(Ref: D2015/00098)
- 1.3 COOPERATIVE RESEARCH CENTRE FOR WATER SENSITIVE CITIES CONFERENCE
(Ref: D2015/00102)
- 1.4 HELPING THE HELENA – ESTABLISHING A BASELINE FOR WATER QUALITY
POLLUTANTS FOR LINKAGES IN FISH AND MUSSEL DECLINE (Ref: D2015/00103)
- 1.5 TRANSPORT ISSUES IN PERTH'S EASTERN REGION – COMMUNITY ENGAGEMENT
EXERCISE (Ref: D2015/00754)

RECOMMENDATION

That the Chief Executive Officers Advisory Committee notes the items contained in the Information Bulletin.

CEOAC RESOLUTION

MOVED MR THROSSELL SECONDED MR COLE

THAT THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED
IN THE INFORMATION BULLETIN.

CARRIED UNANIMOUSLY



12 REPORTS OF DELEGATES

Nil

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

Nil

14 GENERAL BUSINESS

14.1 EVENTS IN THE REGION

12 March 2015	EMRC	2015 Biennial Cocktail Function
9 May 2015	City of Swan	Mayoral Dinner

Mr Jarvis noted that the Town of Bassendean was considering having a community family fun day in May/June 2015 to commemorate the length of service to the community of the Town of Bassendean. Details will be provided once finalised.

14.2 OTHER GENERAL BUSINESS

Nil

15 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil



16 FUTURE MEETINGS OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

The next meeting of the Chief Executive Officers Advisory Committee will be held on **3 March 2015 (informal)** at the Shire of Mundaring, 7000 Great Eastern Highway, Mundaring WA 6073 commencing at 12:30pm with lunch at 12noon.

Future Meetings 2015

Chief Executive Officers' Advisory Committee (CEOAC) meetings commencing at 12 noon:

Tuesday	3	March* (informal)	at	Shire of Mundaring (previously City of Belmont)
Tuesday	7	April*	at	EMRC Administration Office
Tuesday	5	May (informal)	at	Town of Bassendean
Tuesday	2	June*	at	EMRC Administration Office
Tuesday	7	July (informal)	at	City of Belmont (previously Shire of Mundaring)
Tuesday	4	August	at	EMRC Administration Office
Tuesday	1	September (if required)	at	EMRC Administration Office
Tuesday	6	October (informal)	at	City of Swan
Tuesday	17	November	at	EMRC Administration Office

* Please note the Monday prior to the March, April and June meetings is a Public Holiday

17 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 12:45pm.



16 REPORTS OF DELEGATES

Nil

17 MEMBERS' MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

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

Nil

19 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

RECOMMENDATION (Closing meeting to the public)

That with the exception of, the meeting be closed to members of the public in accordance with Section 5.23 (2) of the Local Government Act for the purpose of dealing with matters of a confidential nature.

COUNCIL RESOLUTION

MOVED CR FÄRDIG

SECONDED CR WOLFF

THAT WITH THE EXCEPTION OF THE CEO, DIRECTOR CORPORATE SERVICES AND PERSONAL ASSISTANT TO THE DIRECTOR CORPORATE SERVICES THE MEETING BE CLOSED TO MEMBERS OF THE PUBLIC IN ACCORDANCE WITH SECTION 5.23 (2) OF THE LOCAL GOVERNMENT ACT FOR THE PURPOSE OF DEALING WITH MATTERS OF A CONFIDENTIAL NATURE.

CARRIED UNANIMOUSLY

The doors of the meeting were closed at 6:55pm and members of the public departed the Council Chambers.

The Chief Executive Officer, Director Corporate Services and Personal Assistant to the Director Corporate Services remained in Council Chambers.

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

19.1 ITEM 17.1 OF THE INVESTMENT COMMITTEE MINUTES - INVESTMENT COMMITTEE LEGAL UPDATE

REFERENCE: D2015/00524

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

See Confidential Item circulated with the Agenda under Separate Cover.

The Director Regional Services and Director Waste Services re-entered the meeting at 7:19pm for discussion on Confidential Item 19.2 Hazelmere Woodwaste to Energy Plant Update.



19.2 HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE

REFERENCE: D2015/01752

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

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

MOVED CR FÄRDIG

SECONDED CR PULE

THAT THE MEETING BE RE-OPENED, THE MEMBERS OF THE PUBLIC BE INVITED TO RETURN TO THE MEETING AND THE RECOMMENDATIONS PASSED BEHIND CLOSED DOORS BE RECORDED.

CARRIED UNANIMOUSLY

The doors of the meeting were re-opened at 7:25pm and members of the public returned to Council Chambers.

Recording of the resolutions passed behind closed doors, namely:

19.1 ITEM 17.1 OF THE INVESTMENT COMMITTEE MINUTES - INVESTMENT COMMITTEE LEGAL UPDATE

REFERENCE: D2015/00524

COUNCIL RESOLUTION(S)

MOVED CR LINDSEY

SECONDED CR CARTER

THAT THE REPORT BE NOTED.

CARRIED 11/1

For Vote: Cr Pilgrim, Cr Powell, Cr Anderton, Cr Carter, Cr Cornish, Cr Cuccaro, Cr Färdig, Cr Lindsey, Cr O'Connor, Cr Pule, Cr Wolff.

Against Vote: Cr Zannino.



19.2 HAZELMERE WOODWASTE TO ENERGY PLANT UPDATE

REFERENCE: D2015/01752

COUNCIL RESOLUTION(S)

MOVED CR FÄRDIG

SECONDED CR LINDSEY

THAT COUNCIL:

1. APPROVES THE PAYMENT OF UP TO \$150,000 (EX GST) TO ANSAC PTY LTD AS PRE-PAYMENT OF PART OF THE NEXT CONTRACT PAYMENT TO FACILITATE TEST WORK AT THEIR BUNBURY FACILITY TO SATISFY THE REQUIREMENTS OF THE EPA.
2. APPROVES ADDITIONAL EXPENDITURE OF UP TO \$40,000 (EX GST) ON CONSULTING FEES FOR STRATEGEN ENVIRONMENTAL CONSULTANTS PTY LTD TO COMPLETE THE ENVIRONMENTAL APPROVAL PROCESS FOR THE HAZELMERE WOOD WASTE TO ENERGY PROJECT.

CARRIED 11/1

For Vote: Cr Pilgrim, Cr Powell, Cr Anderton, Cr Cornish, Cr Cuccaro, Cr Färdig, Cr Lindsey, Cr O'Connor, Cr Pule, Cr Wolff, Cr Zannino.

Against Vote: Cr Carter.

20 FUTURE MEETINGS OF COUNCIL

The next meeting of Council will be held on **Thursday 19 March 2015** at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 6:00pm.

Future Meetings 2015

Thursday	19 March	at	EMRC Administration Office
Thursday	23 April (if required)	at	EMRC Administration Office
Thursday	21 May (if required)	at	EMRC Administration Office
Thursday	18 June	at	EMRC Administration Office
Thursday	23 July (if required)	at	EMRC Administration Office
Thursday	20 August (if required)	at	EMRC Administration Office
Thursday	17 September (if required)	at	EMRC Administration Office
Thursday	3 December (if required)	at	EMRC Administration Office
January 2016 (recess)			

21 DECLARATION OF CLOSURE OF MEETING

There being no further business, the meeting was closed at 7:25pm.