



## MINUTES

### CERTIFICATION OF CONFIRMATION OF COUNCIL MEETING MINUTES

**8 December 2011**

I, Cr Alan Pilgrim, hereby certify that the following minutes [pages 1 to 159] of the Meeting of Council held on 8 December 2011 were confirmed at a meeting of the Council held on 16 February 2012.



Signature

Cr Alan Pilgrim

**Person presiding at the Council Meeting held on 16 February 2012**



# **MINUTES**

Ordinary Meeting of Council

**8 December 2011**

## ORDINARY MEETING OF COUNCIL

### MINUTES

8 December 2011

(REF: COMMITTEES-13131)

An Ordinary Meeting of Council was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 8 December 2011**. The meeting commenced at **6.03pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 6.03pm.

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

### Councillor Attendance

|  |             |                    |
|--|-------------|--------------------|
| Cr Alan Pilgrim ( <b>Chairman</b> )        | EMRC Member | Shire of Mundaring |
| Cr Jennie Carter                           | EMRC Member | Town of Bassendean |
| Cr Gerry Pule                              | EMRC Member | Town of Bassendean |
| Cr Alan Radford                            | EMRC Member | City of Bayswater  |
| Cr Graham Pittaway OAM                     | EMRC Member | City of Bayswater  |
| Cr Glenys Godfrey                          | EMRC Member | City of Belmont    |
| Cr Janet Powell ( <b>Deputy Chairman</b> ) | EMRC Member | City of Belmont    |
| Cr Bob Emery                               | EMRC Member | Shire of Kalamunda |
| Cr Frank Lindsey                           | EMRC Member | Shire of Kalamunda |
| Cr Tony Cuccaro                            | EMRC Member | Shire of Mundaring |
| Cr Charlie Zannino                         | EMRC Member | City of Swan       |

### Apologies

|                 |                    |              |
|-----------------|--------------------|--------------|
| Cr Kevin Bailey | EMRC Deputy Member | City of Swan |
|-----------------|--------------------|--------------|

### Leave of Absence Previously Approved

Cr David Färdig, (*from 18/11/2011 to 1/01/2012 inclusive*)

### Deputy Member – Observer

|                |                    |                    |
|----------------|--------------------|--------------------|
| Cr Stephen Fox | EMRC Deputy Member | Shire of Mundaring |
|----------------|--------------------|--------------------|

### EMRC Officers

|                     |   |
|---------------------|---|
| Mr Peter Schneider  | Chief Executive Officer                                     |
| Mr Hua Jer Liew     | Director Corporate Services                                 |
| Mr Brian Jones      | Director Waste Services                                     |
| Mrs Marilyn Horgan  | Director Regional Services                                  |
| Mrs Prapti Mehta    | Manager Human Resources                                     |
| Ms Theresa Eckstein | Executive Assistant to Chief Executive Officer              |
| Ms Mary-Ann Winnett | Personal Assistant to Director Corporate Services (Minutes) |

### EMRC Observers

|                         |   |
|-------------------------|---|
| Mr Steve Fitzpatrick    | Manager Project Development                   |
| Mr David Ameduri        | Manager Financial Services                    |
| Mr Johan Le Roux        | Manager Engineering/Waste Management Services |
| Mr Rob Medbury          | Manager Risk Management                       |
| Ms Theresa Garvey       | Manager Regional Development                  |
| Mrs Rachael Lovegrove   | Manager Waste, Environmental Operations       |
| Mr Brendan Nock         | Environmental Consultant                      |
| Mrs Annie Hughes-d'Aeth | Administration Support Officer                |

### Observers

|                       |                         |                    |
|-----------------------|-------------------------|--------------------|
| Mr Bob Jarvis         | Chief Executive Officer | Town of Bassendean |
| Mr Stuart Cole        | Chief Executive Officer | City of Belmont    |
| Mr James Trail        | Chief Executive Officer | Shire of Kalamunda |
| Mr Jonathan Throssell | Chief Executive Officer | Shire of Mundaring |



*Item 2 continued*

Mr Doug Pearson  
Mr Ric Lutey

Director Technical Services  
Director Technical Services

City of Bayswater  
City of Belmont

**Visitors**

Mr Ian Walters  
Mr Ron Snelgar

**3 DISCLOSURE OF INTERESTS**

Nil

**4 ANNOUNCEMENT BY THE CHAIRMAN OR PERSON PRESIDING WITHOUT DISCUSSION**

**4.1 WA WATER AWARDS**

The EMRC won the Conservation and Efficiency Award at the annual WA Water Awards held on Friday 25 November 2011. The Conservation and Efficiency Award recognises excellence of new products, programs or services to improve and encourage water conservation. The EMRC was recognised for providing accredited water efficiency audits, resulting in savings of both water and money to local governments and other organisations.

The EMRC was also a finalist in the Waterwise Specialist Award - for water industry professionals who have demonstrated effective waterwise practices and displayed initiative in educating staff and the community.

At the Chairman's invitation, Mr Brendan Nock presented the award to Council and gave a brief summary of the work undertaken to improve and encourage water conservation.

**4.2 SAVE WATER NATIONAL AWARDS**

The EMRC was also recently a finalist in the Government Section which "acknowledged achievement and a strong ongoing commitment by a local authority, state or federal government agency/department, to reducing its own or the community's water use".

The Save Water! Awards® are Australia's leading awards for water sustainability. These prestigious awards recognise and reward excellence in water conservation and efficiency by business, government, schools, local communities, and individuals. This year the Awards attracted over 1,000 applications from 40 countries around the world.

The Chairman congratulated Mr Brendan Nock and Mr Miroslav Vujaklija, EMRC's accredited water auditors, on these award achievements.

**4.3 WA ENVIRONMENT AWARDS**

The EMRC was a finalist in the Government Leading by Example category of the WA Environment Awards held on Friday 25 November 2011, for its Landfill Rehabilitation Program. This program is a cooperative approach between the EMRC's environmental and site operations teams, which play a vital and very active role through designing and constructing final cell landforms, blending and application of topsoils, construction of drainage contours and erosion control mechanisms. The ongoing monitoring of the revegetated cells have ensured the continuous improvement of the program.

The award submission was put together by Mrs Rachael Lovegrove and congratulations go to her and her team, Red Hill staff, Spud the gardener and all staff participating in the tree planting days over the past two years.

The Chairman congratulated all involved.



*Item 4 continued*

#### **4.4 WA TOURISM AWARDS**

The EMRC was a finalist in the inaugural Local Government Award for Tourism category of the 2011 Western Australian Tourism Awards held on Saturday 26 November 2011. This award category recognised excellence in tourism planning, the provision of tourism facilities and services, marketing, event development and management and the overall contribution made both locally and overall to the State's tourism industry over the period 1 July 2006 - 30 June 2011. Achievements in our Tourism activities over the past five years have included the development and distribution of trails and event marketing collateral; cycle tourism initiatives; establishment of the PerthTourism.com.au regional portal; and development of the Perth's Autumn Festival and Avon Descent Family Fun Days regional event programs.

Ms Samantha Robshaw collated the work of the Regional Development team over recent years and put the application together with the assistance of Ms Theresa Garvey, Ms Beth Caniglia and Mrs Prapti Mehta.

The Chairman congratulated everyone involved in these programs and said it was great to receive recognition for the work being undertaken on behalf of member Councils and Perth's Eastern Region.

The Chairman thanked Cr Powell for deputising for him at the award ceremonies.

#### **4.5 LOCAL CHAMBERS – CARBON TAX PRESENTATION**

The CEO, at the request of Local Chambers, gave a presentation to 35 of their members on 1 December 2011 on the impact of Carbon Pricing legislation on Local Governments and in particular in relation to waste management operations.

The presentation was enthusiastically received with a high degree of interest as demonstrated by the number of questions at the end of the presentation.

#### **4.6 CHAIRMAN AND DEPUTY CHAIRMAN OF TECHNICAL ADVISORY COMMITTEE**

Mr Jim Coten and Mr Simon Stewert-Dawkins were declared Chairman and Deputy Chairman of the Technical Advisory Committee respectively at the meeting held on 17 November 2011.

#### **4.7 CHAIRMAN AND DEPUTY CHAIRMAN OF RESOURCE RECOVERY COMMITTEE**

Cr Tony Cuccaro and Cr Alan Radford were declared Chairman and Deputy Chairman of the Resource Recovery Committee respectively at the meeting held on 17 November 2011.

#### **4.8 EASTERN HILLS CATCHMENT MANAGEMENT PROGRAM (EHCMP) END OF YEAR VOLUNTEER CELEBRATION**

The Chairman attended the (EHCMP) End of Year Volunteer Celebration on 4 December 2011 and stated that it was a great afternoon with a sharing of ideas on revegetation and thanked all involved at the EMRC for organising the event and the Director Regional Services for attending.



## 5 RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

### 5.1 QUESTIONS FROM MR IAN WALTERS

The following questions were taken on notice at the Council meeting held on 3 November 2011 and a written response was supplied to Mr Walters as follows:

Question 1: The financial statement for the year 2011 – the notes say financial risk management – total of borrowings subject of equity and borrowings drawn. The accounts on page 34 clearly state that there are no overdrafts. How can you draw down on an overdraft if you do not have an overdraft facility.

Response: *As responded by the Director Corporate Services at the meeting, we confirm that there is no overdraft facility and the notes referred to is a standard form required under the audit.*

*Under note 23 (c) of the Annual Financial Report on the issue of liquidity risk, the notes state "...payment terms can be extended and overdraft facilities drawn upon if required."*

*It should be noted that this is a risk management strategy and the EMRC has no current intention to extend payment terms nor apply for an overdraft facility to which it can be drawn upon. This is reaffirmed by the note 23 (d) which states that the Council "...currently do not have any borrowings or loans".*

Question 2: Mr Chairman can you please advise in dollar terms what will be the estimated first year cost to the EMRC relative to the "Carbon Tax" legislation.

Response: *The Clean Energy legislation detailing the carbon tax provides for the initial price for a carbon permit at \$23. However, there is still an element of uncertainty surrounding particular regulation and implementation processes. For example, no final decision has been made with regards to the methodology for converting the various types of waste to the CO<sub>2e</sub> which is used as the basis for the carbon tax pricing.*

Question 3: This question relates to the EMRC's concise annual report available on the web site, page 50 being the Notes to the Concise Financial Report Events where no subsequent to balance date was reported.

Mr Chairman – why do printed accounts omit such information especially as it is an accounting standard requirement.

Response: *Per AASB 1039 – Concise Financial Reports, paragraph 9 states that a concise financial report can "...provide members with information relevant to evaluating the business, without giving them fully detailed accounting disclosures."*

*The EMRC has met its disclosure obligations with respect to AASB 10 – Events after the Reporting Period (refer also to response for Question 5)*

Question 4: Mr Chairman would it be possible to have a copy of EMRC Risk Management Plan relative to the Carbon Tax?

Response: *As outlined in the response to question 2, the EMRC is considering the ramifications of the carbon pricing legislation and the options available to it, particularly in relation to the methodology for converting waste to CO<sub>2e</sub>. Once the methodologies have been fully assessed and modelled, an appropriate mitigation strategy will be adopted.*





*Item 5.1 continued*

Question 5: My question relates the AASB 110 – Events after the Reporting Period. This accounting standard requires disclosure of events, which may have effect on the financial statements to be disclosed. With the introduction of a carbon tax pending why has this accounting standard not been adhered to?

Response: *In February 2011, the Australian Government made public its decision to introduce a carbon price mechanism comprising a fixed price phase and a flexible price phase. In July 2011, more details were released of the Government's Climate Change Plan followed by publication of the exposure draft of relevant legislation that is planned to be passed by parliament by the end of 2011.*

*According to the Government proposals, a fixed price phase would run from 1 July 2012 to 30 June 2015, and will not be retrospective.*

*The Clean Energy legislation which detailed the carbon tax was passed through the Australian House of Representatives on 12 October 2011. Currently this legislation has not passed through the Senate.*

*The EMRC Annual Report was certified by the auditors on 30 August 2011 (date of issue of the report) and was adopted by Council at its September 2011 meeting. This meant the Annual Report was issued and adopted by Council prior to the Clean Energy legislation being passed through both Houses of Parliament.*

*This timing is crucial as under AASB Interpretation 1039 Substantive Enactments of Major Tax Bills in Australia, a Tax Bill would have accounting consequences only when the Bill has been enacted or substantively enacted prior to the end of the reporting period. Substantive enactment of a Tax Bill shall be taken to have occurred once the Tax Bill has been tabled in the Parliament and there is majority support for the passage of the Tax Bill through both Houses of Parliament.*

*Additionally, under the fixed price phase, a carbon tax does not appear to raise any new recognition, measurement, presentation or disclosure issues beyond those dealt with under current Australian Accounting Standards. The entity would accrue tax payable as emission takes place during the reporting period under AASB 137 Provisions, Contingent Liabilities and Contingent Assets if a reliable year-to-date estimate of emissions can be made.*

*AASB 110 – Events after the Reporting Period provides the methodology for the recognition and measurement but is also subject to the provisions of AASB 137. Under AASB 137 para 10, a contingent liability is not recognised if "...the amount of the obligation can not be measured with sufficient reliability."*

## **6 PUBLIC QUESTION TIME**

### **6.1 QUESTIONS FROM MR RON SNELGAR**

Question 1: Thank you for the opportunity to ask a few questions.

Mr Chairman, can you tell me when the website will be updated to include current members of Committees and delete retired members?

Response: *The CEO advised that not all committees have had their first meeting since the local government ordinary elections and the membership details will be updated once meetings have been held and Chairs and Deputy Chairs elected.*



*Item 6.1 continued*

Question 2: Mr Chairman, I notice that on the website under the sub heading of "Council Meeting Dates", the following notation appeared, "Members of the Public are welcome to attend EMRC Council Meetings. A copy of the agenda may be obtained by contacting us on (08) 9424 2222". Mr Chairman, I contacted the EMRC Monday afternoon 5 December 2011 to obtain a copy of the Agenda for the meeting to be held on 8 December 2011 only to be advised that there would be a charge.

- i) Can you advise me what the charge will be and when did you change your policy? I find it strange that you would change your policy for one or two copies of the agenda.
- ii) In addition can you tell me if the agenda will appear on the website before the relevant Meeting Dates?

Response: i) *The CEO advised that the EMRC does not have a fixed charge as some agendas can be quite large and some quite small but members of the public are welcome to inspect the agendas on site free of charge*

*Question (ii) was taken on notice.*

## **6.2 QUESTIONS FROM MR IAN WALTERS**

Question 1: I refer to the last Council meeting and in particular your response to my question number 5. Whilst the historical information provides background information relative to the Clean Energy Legislation it has no direct relevance to the Accounting Standard AASB110 "Events After the Reporting Period" the provision of such information only serves to support my view that the EMRC does not understand the requirements of the Accounting Standard.

In instances where the market price of carbon permits and subsequent emissions trading schemes cannot be predicted etc and the financial impact cannot be estimated a notation advising such is required. Mr Chairman would you please arrange for your financial statements as at 30 June 2011 to comply with Australian Accounting Standards?

Response: *The question was taken on notice.*

Question 2: Bearing in mind that the S&P Credit Rating Agency has recently lowered the big four (4) Australian Banks long term credit rating from AA to AA- (and lowered the subordinated debt rating from AA- to A-) a perusal of Council minutes revealed that a meeting of the Investment Committee would be held in 2011. I would appreciate it if you could advise me the Investment Committee's recommendation and the outcome of their deliberations.

Can you please advise when the Investment Committee will be meeting next?

Response: *The CEO advised that the Investment Committee meetings are held as and when required to respond as quickly as possible to changing situations since the Global Financial Crisis. Public Notice of Meetings are advertised as soon as possible once meetings are organised.*

Question 3: Mr Chairman, in view of the current turmoil in the European Financial markets, do you think that by not having an Investment Committee meeting during the 2011 calendar year, that it is prudent management by the EMRC?

Response: *The Chairman advised that the EMRC's investment portfolio is being well managed, with the support from external advisors.*



**7 APPLICATION FOR LEAVE OF ABSENCE**

Nil

**8 PETITIONS, DEPUTATIONS AND PRESENTATIONS**

Nil

**9 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

**9.1 MINUTES OF ORDINARY MEETING OF COUNCIL HELD ON 3 NOVEMBER 2011**

That the minutes of the Ordinary Meeting of Council held on 3 November 2011 which have been distributed, be confirmed.

**COUNCIL RESOLUTION**

MOVED CR PULE

SECONDED CR GODFREY

THAT THE MINUTES OF THE ORDINARY MEETING OF COUNCIL HELD ON 3 NOVEMBER 2011 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**

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

Nil

**11 QUESTIONS WITHOUT NOTICE**

Nil

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

Nil

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

Nil

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## **14 REPORTS OF OFFICERS**

### **QUESTIONS**

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

### **RECOMMENDATION**

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

Cr Pule referred to page 33 of the agenda and asked how the \$5.00/tonne for the shredded, unprocessed greenwaste had been formulated. The Director Waste Services advised that the shredding of greenwaste was the market rate for shredded unprocessed greenwaste.

### **COUNCIL RESOLUTION**

MOVED CR POWELL

SECONDED CR GODFREY

THAT WITH THE EXCEPTION OF ITEMS 14.3 AND 14.4, WHICH ARE TO BE WITHDRAWN AND DEALT WITH SEPARATELY, THE RECOMMENDATIONS IN THE OFFICERS REPORTS (SECTION 14) BE ADOPTED.

**CARRIED UNANIMOUSLY**

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## 14.1 LIST OF ACCOUNTS PAID DURING THE MONTH OF OCTOBER 2011

**REFERENCE: COMMITTEES-13395**

### PURPOSE OF REPORT

The purpose of this report is to present to Council a list of accounts paid under the Chief Executive Officer's delegated authority during the month of October 2011 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 month of October 2011 is provided for noting.

#### Recommendation(s)

That Council notes the CEO's list of accounts for October 2011 paid under delegated power in accordance with Regulation 13(1) of the Local Government (Financial Management) Regulations 1996, as attached to this report totalling \$7,441,801.08.

### 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.

### REPORT

The table below summarises the payments drawn on the funds during the month of October 2011. A list detailing the payments made is appended as an attachment to this report.

|                       |                            |                 |                       |
|-----------------------|----------------------------|-----------------|-----------------------|
| <b>Municipal Fund</b> | EFT Payments:              | 21429 – 21484   |                       |
|                       | Cheque Payments:           | 219153 – 219170 |                       |
|                       | Payroll EFT:               | PAY-8 & PAY-9   |                       |
|                       | DIRECT DEBITS              |                 |                       |
|                       | - Bank Charges:            | 1*OCT11         |                       |
|                       | - Other:                   | 536 - 545       | \$7,442,571.08        |
|                       | <b>LESS</b>                |                 |                       |
|                       | Cancelled EFTs and Cheques | EFT 21390       | (\$770.00)            |
| <b>Trust Fund</b>     | Not Applicable             |                 | Nil                   |
| <b>Total</b>          |                            |                 | <b>\$7,441,801.08</b> |



*Item 14.1 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 – Good Governance

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

## **FINANCIAL IMPLICATIONS**

As contained within the report.

## **SUSTAINABILITY IMPLICATIONS**

Nil

## **MEMBER COUNCIL IMPLICATIONS**

| Member Council     | Implication Details                           |
|--------------------|---|
| Town of Bassendean | } Nil direct implications for member Councils |
| City of Bayswater  |   |
| City of Belmont    |   |
| Shire of Kalamunda |   |
| Shire of Mundaring |   |
| City of Swan       |   |

## **ATTACHMENT(S)**

CEO's Delegated Payments List for the month of October 2011 (Ref: Committees-13457)

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That Council notes the CEO's list of accounts for October 2011 paid under delegated power in accordance with Regulation 13(1) of the Local Government (Financial Management) Regulations 1996, as attached to this report totalling \$7,441,801.08.

## **COUNCIL RESOLUTION(S)**

MOVED CR POWELL

SECONDED CR GODFREY

THAT COUNCIL NOTES THE CEO'S LIST OF ACCOUNTS FOR OCTOBER 2011 PAID UNDER DELEGATED POWER IN ACCORDANCE WITH REGULATION 13(1) OF THE LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996, AS ATTACHED TO THIS REPORT TOTALLING \$7,441,801.08

**CARRIED UNANIMOUSLY**



## Eastern Metropolitan Regional Council

 Print 15/11/2011  
 Print 11:29:29 AM

**CEO's DELEGATED PAYMENTS LIST  
 FOR THE MONTH OF OCTOBER 2011**

User: Le Truong

| Cheque /EFT<br>No | Date       | Payee   | Amount    |
|-------------------|------------|---|-----------|
| EFT21249          | 04/10/2011 | ADT SECURITY  | 415.80    |
| EFT21250          | 04/10/2011 | AUSTRALIAN LABORATORY SERVICES PTY LTD                          | 4,035.90  |
| EFT21251          | 04/10/2011 | FILTERS PLUS  | 123.75    |
| EFT21252          | 04/10/2011 | HILLS FRESH   | 79.89     |
| EFT21253          | 04/10/2011 | ISS WASHROOM SERVICES   | 1,298.73  |
| EFT21254          | 04/10/2011 | IT VISION AUSTRALIA PTY LTD                                     | 1,617.00  |
| EFT21255          | 04/10/2011 | MIDWAY FORD (WA)  | 315.00    |
| EFT21256          | 04/10/2011 | NEVERFAIL SPRINGWATER   | 30.00     |
| EFT21257          | 04/10/2011 | NEVERFAIL SPRINGWATER LTD - MATHIESON ROAD                      | 61.25     |
| EFT21258          | 04/10/2011 | PIRTEK  | 326.79    |
| EFT21259          | 04/10/2011 | SHUGS ELECTRICAL  | 776.05    |
| EFT21260          | 04/10/2011 | SWAN VALLEY CAFE  | 207.50    |
| EFT21261          | 04/10/2011 | TELSTRA - A/C 295 7816 000 - RED HILL                           | 484.65    |
| EFT21262          | 04/10/2011 | THOMSON REUTERS (PROFESSIONAL) AUSTRALIA LIMITED                | 981.00    |
| EFT21263          | 04/10/2011 | WESTRAC EQUIPMENT PTY LTD                                       | 2,483.42  |
| EFT21264          | 04/10/2011 | PAYG PAYMENTS   | 53,123.80 |
| EFT21265          | 06/10/2011 | AIR-MET SCIENTIFIC PTY LTD                                      | 828.30    |
| EFT21266          | 06/10/2011 | IPING PTY LTD   | 1,128.80  |
| EFT21267          | 06/10/2011 | KLB SYSTEMS   | 8,162.00  |
| EFT21268          | 06/10/2011 | PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD               | 4,482.94  |
| EFT21269          | 06/10/2011 | TANIA WELLS   | 228.44    |
| EFT21270          | 06/10/2011 | AGPARTS WAREHOUSE   | 170.00    |
| EFT21271          | 06/10/2011 | AHA! CONSULTING   | 1,732.50  |
| EFT21272          | 06/10/2011 | AIR FILTER DRY CLEAN SYSTEMS PTY LTD                            | 212.36    |
| EFT21273          | 06/10/2011 | ANALYTICAL REFERENCE LABORATORY                                 | 148.50    |
| EFT21274          | 06/10/2011 | AUSTRALIAN LABORATORY SERVICES PTY LTD                          | 1,268.30  |
| EFT21275          | 06/10/2011 | AUSTRALIAN LIMNOLOGICAL SERVICES PTY LTD T/A<br>WETLAND RESEARC | 12,210.00 |
| EFT21276          | 06/10/2011 | BEAUMONDE CATERING  | 2,123.30  |
| EFT21277          | 06/10/2011 | BUNNINGS BUILDING SUPPLIES PTY LTD                              | 13.70     |
| EFT21278          | 06/10/2011 | CMS EVENTS  | 2,200.00  |
| EFT21279          | 06/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD                                 | 1,067.13  |
| EFT21280          | 06/10/2011 | DITCH WITCH AUSTRALIA PTY LTD                                   | 75.90     |
| EFT21281          | 06/10/2011 | ECONOMIC DEVELOPMENT AUSTRALIA                                  | 500.00    |
| EFT21282          | 06/10/2011 | GLENFORDS (WA) TOOL CENTRE                                      | 106.00    |
| EFT21283          | 06/10/2011 | IMPRINT PLASTIC   | 17.60     |
| EFT21284          | 06/10/2011 | LANDMARK OPERATIONS LIMITED                                     | 71.50     |
| EFT21285          | 06/10/2011 | LINFOX ARMAGUARD PTY LTD  | 432.05    |
| EFT21286          | 06/10/2011 | MACHINERY WAREHOUSE   | 241.00    |
| EFT21287          | 06/10/2011 | MAJOR MOTORS PTY LTD  | 991.11    |
| EFT21288          | 06/10/2011 | MIDLAND TOYOTA  | 1,029.03  |
| EFT21289          | 06/10/2011 | PROFESSIONAL HEARING SERVICES PTY LTD                           | 440.00    |
| EFT21290          | 06/10/2011 | RIVERS REGIONAL COUNCIL   | 2,347.40  |
| EFT21291          | 06/10/2011 | ROSS HUMAN DIRECTIONS   | 3,923.04  |
| EFT21292          | 06/10/2011 | ROYALE CORPORATE  | 1,452.00  |
| EFT21293          | 06/10/2011 | SHUGS ELECTRICAL  | 1,926.10  |
| EFT21294          | 06/10/2011 | STEVENSON CONSULTING  | 5,197.50  |
| EFT21295          | 06/10/2011 | SYNERGY   | 402.70    |
| EFT21296          | 06/10/2011 | TELSTRA - A/C 008 2879 300 - SECONDARY WASTE PRJ                | 167.77    |
| EFT21297          | 06/10/2011 | TYRE RECYCLERS WA   | 349.66    |
| EFT21298          | 06/10/2011 | VALLEY ROAD PTY T/A CHICA CATERING                              | 424.00    |
| EFT21299          | 06/10/2011 | WA BROILER GROWERS ASSOCIATION (INC)                            | 4,424.75  |
| EFT21300          | 11/10/2011 | INSTANT WEIGHT PTY LTD T/A INSTANT WEIGHING                     | 427.24    |



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|-------------------|------------|--|-----------|
| EFT21301          | 11/10/2011 | KLB SYSTEMS                                | 5,346.00  |
| EFT21302          | 11/10/2011 | ALL DAY CONTRACTING                        | 22,141.74 |
| EFT21303          | 11/10/2011 | ASTAR HARDWARE DISTRIBUTION                | 523.05    |
| EFT21304          | 11/10/2011 | B&J CATALANO PTY LTD                       | 875.56    |
| EFT21305          | 11/10/2011 | BELMONT - REDCLIFFE NEWSROUND              | 86.92     |
| EFT21306          | 11/10/2011 | BIN BATH AUSTRALIA PTY LTD                 | 271.04    |
| EFT21307          | 11/10/2011 | BOLLINGER & CO PTY LTD                     | 164.04    |
| EFT21308          | 11/10/2011 | BP GIDGEGANNUP                             | 61.00     |
| EFT21309          | 11/10/2011 | BRING COURIERS                             | 1,126.29  |
| EFT21310          | 11/10/2011 | COOL CLEAR WATER GROUP LTD                 | 290.40    |
| EFT21311          | 11/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD            | 343.95    |
| EFT21312          | 11/10/2011 | COVS PARTS PTY LTD                         | 41.42     |
| EFT21313          | 11/10/2011 | GOURMET INDULGENCE                         | 251.50    |
| EFT21314          | 11/10/2011 | LEDA WINE CO T/A HARRIS ORGANIC WINES      | 334.00    |
| EFT21315          | 11/10/2011 | LEFKAPHA P/L T/A CENTRE FORD               | 444.16    |
| EFT21316          | 11/10/2011 | MAJOR MOTORS PTY LTD                       | 1,157.71  |
| EFT21317          | 11/10/2011 | NEVERFAIL SPRINGWATER                      | 88.30     |
| EFT21318          | 11/10/2011 | NEVERFAIL SPRINGWATER LTD - COPPIN ROAD    | 77.00     |
| EFT21319          | 11/10/2011 | NEVERFAIL SPRINGWATER LTD - HAZELMERE      | 31.25     |
| EFT21320          | 11/10/2011 | NEVILLE REFRIGERATION                      | 1,936.00  |
| EFT21321          | 11/10/2011 | ROSS HUMAN DIRECTIONS                      | 2,213.40  |
| EFT21322          | 11/10/2011 | TELSTRA - A/C 335 6242 598 - MOBILE PHONES | 840.29    |
| EFT21323          | 11/10/2011 | TOTALLY WORKWEAR MIDLAND                   | 1,082.14  |
| EFT21324          | 11/10/2011 | UNIQUE WASTE MANAGEMENT SERVICES           | 774.84    |
| EFT21325          | 11/10/2011 | VALLEY ROAD PTY T/A CHICA CATERING         | 2,607.80  |
| EFT21326          | 12/10/2011 | NORDIC HOMES PTY LTD                       | 24,179.00 |
| EFT21327          | 14/10/2011 | MOTORCHARGE PTY LTD                        | 5,546.79  |
| EFT21328          | 14/10/2011 | ADT SECURITY                               | 82.50     |
| EFT21329          | 14/10/2011 | INTEWORK INC                               | 664.05    |
| EFT21330          | 14/10/2011 | AIRWELL PUMPS PTY LTD                      | 1,775.95  |
| EFT21331          | 14/10/2011 | BEAUMONDE CATERING                         | 2,356.18  |
| EFT21332          | 14/10/2011 | BENFOSTER PTY LTD T/A ECO ENVIRONMENTAL    | 6,847.50  |
| EFT21333          | 14/10/2011 | CABCHARGE                                  | 426.47    |
| EFT21334          | 14/10/2011 | CAPITAL TRANSPORT SERVICES (WA) PTY LTD    | 1,082.55  |
| EFT21335          | 14/10/2011 | CJD EQUIPMENT PTY LTD                      | 65.77     |
| EFT21336          | 14/10/2011 | COLONIAL PRINT & PROMOTIONS                | 846.56    |
| EFT21337          | 14/10/2011 | COMPU-STOR                                 | 755.73    |
| EFT21338          | 14/10/2011 | COMSYNC CONSULTING PTY LTD                 | 3,682.25  |
| EFT21339          | 14/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD            | 582.15    |
| EFT21340          | 14/10/2011 | DUN & BRADSTREET PTY LTD                   | 17.30     |
| EFT21341          | 14/10/2011 | FUJI XEROX AUSTRALIA PTY LTD               | 434.50    |
| EFT21342          | 14/10/2011 | GIDGEGANNUP AGRICULTURAL SOCIETY           | 127.00    |
| EFT21343          | 14/10/2011 | GOODCHILD ENTERPRISES                      | 424.60    |
| EFT21344          | 14/10/2011 | HARVEY NORMAN ELECTRICS MIDLAND            | 135.00    |
| EFT21345          | 14/10/2011 | HOSEMASTERS                                | 235.36    |
| EFT21346          | 14/10/2011 | JONES LANG LASALLE AUSTRALIA               | 3,300.00  |
| EFT21347          | 14/10/2011 | KELLY SERVICES (AUSTRALIA) LTD             | 292.21    |
| EFT21348          | 14/10/2011 | KINETIC HEALTH GROUP PTY LTD               | 148.50    |
| EFT21349          | 14/10/2011 | LANDFILL GAS & POWER PTY LTD               | 3,670.10  |
| EFT21350          | 14/10/2011 | MAIL PLUS PERTH                            | 277.20    |
| EFT21351          | 14/10/2011 | MAJOR MOTORS PTY LTD                       | 624.28    |
| EFT21352          | 14/10/2011 | OAKVALE CAPITAL LTD                        | 2,492.44  |
| EFT21353          | 14/10/2011 | ODOUR CONTROL SYSTEMS INTERNATIONAL LTD    | 11,822.58 |





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|-------------------|------------|---|------------|
| EFT21354          | 14/10/2011 | PIRTEK  | 1,031.80   |
| EFT21355          | 14/10/2011 | PRECISION PANEL & PAINT                                       | 1,264.12   |
| EFT21356          | 14/10/2011 | RENTOKIL INITIAL PTY LTD                                      | 577.06     |
| EFT21357          | 14/10/2011 | ROSS HUMAN DIRECTIONS   | 2,459.34   |
| EFT21358          | 14/10/2011 | SYNERGY   | 6,974.95   |
| EFT21359          | 14/10/2011 | TRANSPACIFIC CLEANAWAY LTD                                    | 463.50     |
| EFT21360          | 14/10/2011 | UNIQUE WASTE MANAGEMENT SERVICES                              | 9,798.45   |
| EFT21361          | 14/10/2011 | VALLEY ROAD PTY T/A CHICA CATERING                            | 2,255.40   |
| EFT21362          | 18/10/2011 | LANDFILL GAS & POWER PTY LTD                                  | 4,490.10   |
| EFT21363          | 18/10/2011 | PAYG PAYMENTS   | 52,815.80  |
| EFT21364          | 18/10/2011 | ECOWASH   | 75.00      |
| EFT21365          | 18/10/2011 | HOSECO (WA) PTY LTD   | 1,237.80   |
| EFT21366          | 18/10/2011 | KONE BUILDING DOORS - A DIV OF KONE ELEVATORS PTY LTD         | 107.78     |
| EFT21367          | 18/10/2011 | NK TRANSPORT PTY LTD  | 412.50     |
| EFT21368          | 18/10/2011 | AUSTRALIA POST - ASCOT PLACE                                  | 0.43       |
| EFT21369          | 18/10/2011 | AUSTRALIA POST - RED HILL                                     | 310.38     |
| EFT21370          | 18/10/2011 | BP AUSTRALIA PTY LTD ( LUBRICANT A/C 11818249)                | 3,274.03   |
| EFT21371          | 18/10/2011 | C & H SWEEPING  | 247.50     |
| EFT21372          | 18/10/2011 | C4 CONCEPTS PTY LTD   | 3,844.50   |
| EFT21373          | 18/10/2011 | CJD EQUIPMENT PTY LTD   | 931.30     |
| EFT21374          | 18/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD                               | 278.54     |
| EFT21375          | 18/10/2011 | G & S FURNITURE SALES (WA) PTY LTD                            | 418.00     |
| EFT21376          | 18/10/2011 | GOODCHILD ENTERPRISES   | 326.04     |
| EFT21377          | 18/10/2011 | GOURMET INDULGENCE  | 376.50     |
| EFT21378          | 18/10/2011 | MACHINERY WAREHOUSE   | 94.15      |
| EFT21379          | 18/10/2011 | MAJOR MOTORS PTY LTD  | 680.01     |
| EFT21380          | 18/10/2011 | MIDLAND CAMERA HOUSE  | 1,918.00   |
| EFT21381          | 18/10/2011 | MR POTHOLE  | 1,743.50   |
| EFT21382          | 18/10/2011 | NEVERFAIL SPRINGWATER   | 45.00      |
| EFT21383          | 18/10/2011 | OAKNEY PTY LTD T/A AIRPORT PUBLICATIONS                       | 110.00     |
| EFT21384          | 18/10/2011 | ROSS HUMAN DIRECTIONS   | 1,199.66   |
| EFT21385          | 18/10/2011 | TELSTRA - A/C 3356 2426 14 (MOBILE DATA)                      | 178.01     |
| EFT21386          | 18/10/2011 | TOTALLY WORKWEAR MIDLAND                                      | 199.84     |
| EFT21387          | 18/10/2011 | TRANSPACIFIC CLEANAWAY LTD                                    | 227.70     |
| EFT21388          | 18/10/2011 | UNIQUE WASTE MANAGEMENT SERVICES                              | 2,640.00   |
| EFT21389          | 18/10/2011 | UNISON INTERACTIVE PTY LTD                                    | 1,360.00   |
| EFT21390          | 19/10/2011 | KRESTA BLINDS LIMITED   | 770.00     |
| EFT21391          | 19/10/2011 | KRESTA BLINDS LIMITED   | 1,538.00   |
| EFT21392          | 21/10/2011 | MORLEY GENERAL CLEANING SERVICE                               | 7,710.38   |
| EFT21393          | 21/10/2011 | PERTH SECURITY SERVICES - MCW CORPORATION PTY LTD             | 4,482.94   |
| EFT21394          | 21/10/2011 | ADCORP  | 1,947.81   |
| EFT21395          | 21/10/2011 | AIR FILTER DRY CLEAN SYSTEMS PTY LTD                          | 327.16     |
| EFT21396          | 21/10/2011 | AUSTRALIAN LABORATORY SERVICES PTY LTD                        | 4,419.80   |
| EFT21397          | 21/10/2011 | BP AUSTRALIA LIMITED (A/C 10092625 )                          | 101,382.29 |
| EFT21398          | 21/10/2011 | BUNNINGS BUILDING SUPPLIES PTY LTD                            | 83.77      |
| EFT21399          | 21/10/2011 | CHAMBERLAIN AUTO ELECTRICS                                    | 500.50     |
| EFT21400          | 21/10/2011 | CJD EQUIPMENT PTY LTD   | 3,121.28   |
| EFT21401          | 21/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD                               | 65.15      |
| EFT21402          | 21/10/2011 | FILTERS PLUS  | 31.35      |
| EFT21403          | 21/10/2011 | FRUIT BOOST PTY LTD ATF BANDITS TRUST                         | 871.10     |
| EFT21404          | 21/10/2011 | JAYCOURT NOMINEES PTY LTD T/A BARFIELD<br>MECHANICAL SERVICES | 440.00     |
| EFT21405          | 21/10/2011 | KELLY SERVICES (AUSTRALIA) LTD                                | 169.18     |



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|-------------------|------------|--|-----------|
| EFT21406          | 21/10/2011 | MR D M HURLE                                     | 19.32     |
| EFT21407          | 21/10/2011 | MYBELLY PTY LTD                                  | 300.00    |
| EFT21408          | 21/10/2011 | NORTH EAST REGION TRAINING ASSOCIATION           | 215.00    |
| EFT21409          | 21/10/2011 | P.J. WRIGHT & ASSOCIATES PTY. LTD.               | 1,320.00  |
| EFT21410          | 21/10/2011 | PROFESSIONAL HEARING SERVICES PTY LTD            | 220.00    |
| EFT21411          | 21/10/2011 | PROTECTOR ALSAFE PTY LTD                         | 45.98     |
| EFT21412          | 21/10/2011 | ROSS HUMAN DIRECTIONS                            | 737.81    |
| EFT21413          | 21/10/2011 | SAFETY SIGNS SERVICE                             | 316.88    |
| EFT21414          | 21/10/2011 | STANTONS INTERNATIONAL                           | 128.70    |
| EFT21415          | 21/10/2011 | TOTAL GREEN RECYCLING                            | 2,366.28  |
| EFT21416          | 21/10/2011 | UNISON INTERACTIVE PTY LTD                       | 1,452.00  |
| EFT21417          | 21/10/2011 | WESTRAC EQUIPMENT PTY LTD                        | 280.50    |
| EFT21418          | 21/10/2011 | WREN OIL   | 36.30     |
| EFT21419          | 25/10/2011 | HOSECO (WA) PTY LTD                              | 104.65    |
| EFT21420          | 25/10/2011 | ADCORP   | 1,100.00  |
| EFT21421          | 25/10/2011 | AMBIUS   | 987.42    |
| EFT21422          | 25/10/2011 | B&J CATALANO PTY LTD                             | 1,243.25  |
| EFT21423          | 25/10/2011 | BELMONT - REDCLIFFE NEWSROUND                    | 111.64    |
| EFT21424          | 25/10/2011 | BUNNINGS BUILDING SUPPLIES PTY LTD               | 103.17    |
| EFT21425          | 25/10/2011 | CAPITAL TRANSPORT SERVICES (WA) PTY LTD          | 337.57    |
| EFT21426          | 25/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD                  | 47.45     |
| EFT21427          | 25/10/2011 | FILTERS PLUS                                     | 113.85    |
| EFT21428          | 25/10/2011 | KAREN WARNER                                     | 118.27    |
| EFT21429          | 25/10/2011 | KEWDALE CAD & DRAFTING SUPPLIES PTY LTD          | 56.10     |
| EFT21430          | 25/10/2011 | KONICA MINOLTA BUSINESS SOLUTIONS AUSTRALIA P/L  | 769.14    |
| EFT21431          | 25/10/2011 | LANDMARK OPERATIONS LIMITED                      | 2,515.51  |
| EFT21432          | 25/10/2011 | MAJOR MOTORS PTY LTD                             | 1,751.93  |
| EFT21433          | 25/10/2011 | NEVERFAIL SPRINGWATER                            | 180.00    |
| EFT21434          | 25/10/2011 | NEVERFAIL SPRINGWATER LTD - HAZELMERE            | 73.75     |
| EFT21435          | 25/10/2011 | RUDD INDUSTRIAL AND FARM SUPPLIES                | 119.37    |
| EFT21436          | 25/10/2011 | SPUDS GARDENING SERVICES                         | 2,112.00  |
| EFT21437          | 25/10/2011 | TAFE WA CENTRAL                                  | 2,200.00  |
| EFT21438          | 25/10/2011 | TELSTRA - A/C 148 4710 000 - ASCOT PLACE         | 2,239.69  |
| EFT21439          | 25/10/2011 | TELSTRA - A/C 163 4688 200 - HAZELMERE           | 117.59    |
| EFT21440          | 25/10/2011 | TELSTRA - A/C 246 2455 400 - RH SECURITY MONITOR | 38.50     |
| EFT21441          | 25/10/2011 | TELSTRA - A/C 256 0950 500 - ASCOT PLACE LIFT    | 19.25     |
| EFT21442          | 25/10/2011 | TOTAL GREEN RECYCLING                            | 2,199.63  |
| EFT21443          | 25/10/2011 | UNIQUE WASTE MANAGEMENT SERVICES                 | 5,313.00  |
| EFT21444          | 25/10/2011 | WESTERN AUSTRALIAN LOCAL GOVERNMENT              | 2,200.00  |
| EFT21445          | 27/10/2011 | AIR-MET SCIENTIFIC PTY LTD                       | 6,281.00  |
| EFT21446          | 27/10/2011 | AMA SERVICES (WA) P/L                            | 2,892.00  |
| EFT21447          | 27/10/2011 | NK TRANSPORT PTY LTD                             | 481.25    |
| EFT21448          | 27/10/2011 | ACCESS INDUSTRIAL TYRES                          | 18,491.55 |
| EFT21449          | 27/10/2011 | ADCORP   | 866.79    |
| EFT21450          | 27/10/2011 | ANALYTICAL REFERENCE LABORATORY                  | 121.00    |
| EFT21451          | 27/10/2011 | AUSTRACLEAR LIMITED (ASX)                        | 31.15     |
| EFT21452          | 27/10/2011 | B&J CATALANO PTY LTD                             | 739.13    |
| EFT21453          | 27/10/2011 | BATTERY WORLD                                    | 175.00    |
| EFT21454          | 27/10/2011 | BENFOSTER PTY LTD T/A ECO ENVIRONMENTAL          | 369.60    |
| EFT21455          | 27/10/2011 | BRING COURIERS                                   | 551.78    |
| EFT21456          | 27/10/2011 | BULLANT SECURITY PTY LTD                         | 13.00     |
| EFT21457          | 27/10/2011 | C4 CONCEPTS PTY LTD                              | 1,408.00  |
| EFT21458          | 27/10/2011 | CORPORATE EXPRESS AUSTRALIA LTD                  | 548.37    |



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|-------------------|------------|---|--------------|
| EFT21459          | 27/10/2011 | COVS PARTS PTY LTD                            | 900.04       |
| EFT21460          | 27/10/2011 | CVP ELECTRICAL                                | 779.90       |
| EFT21461          | 27/10/2011 | DEPARTMENT OF ENVIRONMENT AND CONSERVATION    | 2,126,419.99 |
| EFT21462          | 27/10/2011 | DEPUTY COMMISSIONER OF TAXATION               | 804,247.00   |
| EFT21463          | 27/10/2011 | ELEMENT HYDROGRAPHIC SOLUTIONS                | 968.00       |
| EFT21464          | 27/10/2011 | GOODCHILD ENTERPRISES                         | 261.80       |
| EFT21465          | 27/10/2011 | HILLS FRESH                                   | 85.12        |
| EFT21466          | 27/10/2011 | ISS WASHROOM SERVICES                         | 52.43        |
| EFT21467          | 27/10/2011 | LGIS INSURANCE BROKING                        | 495.00       |
| EFT21468          | 27/10/2011 | LGISWA  | 134,253.47   |
| EFT21469          | 27/10/2011 | MAJOR MOTORS PTY LTD                          | 705.96       |
| EFT21470          | 27/10/2011 | MINIBUS CHARTERS                              | 297.00       |
| EFT21471          | 27/10/2011 | MONASH UNIVERSITY                             | 11,000.00    |
| EFT21472          | 27/10/2011 | MUNDARING TYRE CENTRE                         | 1,225.00     |
| EFT21473          | 27/10/2011 | PERRY ENVIRONMENTAL CONTRACTING               | 3,300.00     |
| EFT21474          | 27/10/2011 | PITNEY BOWES AUSTRALIA (WA)                   | 333.64       |
| EFT21475          | 27/10/2011 | PROFESSIONAL HEARING SERVICES PTY LTD         | 44.00        |
| EFT21476          | 27/10/2011 | ROSS HUMAN DIRECTIONS                         | 2,633.84     |
| EFT21477          | 27/10/2011 | SAFETY SIGNS SERVICE                          | 163.35       |
| EFT21478          | 27/10/2011 | SAI GLOBAL LIMITED                            | 4,856.50     |
| EFT21479          | 27/10/2011 | SLEDGEHAMMER CONCRETE CUTTING SERVICE         | 209.00       |
| EFT21480          | 27/10/2011 | SNAP PRINTING                                 | 985.81       |
| EFT21481          | 27/10/2011 | SURVEY GRAPHICS                               | 9,466.60     |
| EFT21482          | 27/10/2011 | TOTALLY WORKWEAR MIDLAND                      | 110.66       |
| EFT21483          | 27/10/2011 | UNIQUE WASTE MANAGEMENT SERVICES              | 6,600.00     |
| EFT21484          | 27/10/2011 | WALGS PLAN                                    | 64,624.73    |
| 219153            | 04/10/2011 | EMRC PETTY CASH - BELMONT                     | 930.95       |
| 219154            | 04/10/2011 | EMRC PETTY CASH - REDHILL                     | 476.25       |
| 219155            | 06/10/2011 | EMRC PETTY CASH - HAZELMERE                   | 123.95       |
| 219156            | 06/10/2011 | WATER CORPORATION                             | 1.45         |
| 219157            | 11/10/2011 | SHIRE OF KALAMUNDA                            | 457.95       |
| 219158            | 21/10/2011 | WATER CORPORATION                             | 1,140.85     |
| 219159            | 27/10/2011 | COMMONWEALTH BANK SUPERANNUATION              | 336.94       |
| 219160            | 27/10/2011 | GENERATIONS PERSONAL SUPERANNUATION PLAN      | 405.77       |
| 219161            | 27/10/2011 | AMP LIFE LTD                                  | 1,201.60     |
| 219162            | 27/10/2011 | AMP Super Leader                              | 670.43       |
| 219163            | 27/10/2011 | AUSTRALIAN SUPER                              | 2,327.34     |
| 219164            | 27/10/2011 | BT BUSINESS SUPER                             | 923.45       |
| 219165            | 27/10/2011 | BT LIFETIME - PERSONAL SUPER                  | 398.68       |
| 219166            | 27/10/2011 | CBUS INDUSTRY SUPER                           | 443.11       |
| 219167            | 27/10/2011 | NORWICH UNION LIFE INSURANCE SOCIETY          | 495.99       |
| 219168            | 27/10/2011 | ONEPATH LIFE LTD                              | 573.26       |
| 219169            | 27/10/2011 | PRIME SUPER                                   | 358.86       |
| 219170            | 27/10/2011 | ZURICH AUSTRALIAN SUPERANNUATION              | 485.91       |
| 536               | 12/10/2011 | BANKWEST                                      | 1,000,000.00 |
| 537               | 14/10/2011 | CITIBANK PTY LTD                              | 1,350,000.00 |
| 538               | 20/10/2011 | CUA   | 1,000,000.00 |
| 539               | 28/10/2011 | WBC - CORPORATE MASTERCARD - P SCHNEIDER      | 86.29        |
| 540               | 28/10/2011 | WBC - CORPORATE MASTERCARD - RYAN HURST       | 3,328.39     |
| 541               | 28/10/2011 | WBC - CORPORATE MASTER CARD - B JONES         | 13.25        |
| 542               | 28/10/2011 | WBC - CORPORATE MASTER CARD - D AMEDURI       | 1,150.71     |
| 543               | 28/10/2011 | WBC - CORPORATE MASTER CARD - MARILYNN HORGAN | 13.25        |
| 544               | 28/10/2011 | WBC - CORPORATE MASTER CARD - S FITZPATRICK   | 1,463.23     |



**Eastern Metropolitan Regional Council**

**Print** 15/11/2011  
**Print** 11:29:29 AM

**CEO's DELEGATED PAYMENTS LIST  
 FOR THE MONTH OF OCTOBER 2011**

**User:** Le Truong

**Cheque /EFT**

| <b>No</b>        | <b>Date</b> | <b>Payee</b>                        | <b>Amount</b>              |
|------------------|-------------|-------------------------------------|----------------------------|
| 545              | 28/10/2011  | WBC - CORPORATE MASTERCARD - H LIEW | 3,158.05                   |
| PAY-8            | 11/10/2011  | PAYROLL FE 11/10/11                 | 180,366.18                 |
| PAY-9            | 25/10/2011  | PAYROLL FE 25/10/11                 | 172,827.89                 |
| 1*OCT11          | 03/10/2011  | BANK CHARGES 1426 - 1431            | 1,296.27                   |
| <b>SUB TOTAL</b> |             |                                     | <b><u>7,442,571.08</u></b> |

**LESS CANCELLED CHEQUES & EFTs**

|                  |            |                       |                            |
|------------------|------------|-----------------------|----------------------------|
| EFT21390         | 19/10/2011 | KRESTA BLINDS LIMITED | -770.00                    |
| <b>SUB TOTAL</b> |            |                       | <b><u>-770.00</u></b>      |
| <b>TOTAL</b>     |            |                       | <b><u>7,441,801.08</u></b> |

**REPORT TOTALS**

**TOTAL**

| <b>Bank Code</b> | <b>Bank Name</b>      |                     |
|------------------|-----------------------|---------------------|
| 1                | EMRC - Municipal Fund | <b>7,441,801.08</b> |
| <b>TOTAL</b>     |                       | <b>7,441,801.08</b> |

C:\Program Files\SynergySoftLGS\Crystal\CreditorListOfAccount\_EMRC.rpt



## **14.2 FINANCIAL REPORT FOR PERIOD ENDED 31 OCTOBER 2011**

**REFERENCE: COMMITTEES-13443**

### **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 October 2011.

### **KEY ISSUES AND RECOMMENDATION(S)**

- Significant year to date budget variances greater than 10% or \$10,000, which ever is the greater, within each nature and type category on the Statement of Financial Activity as at 31 October 2011 have been identified and are reported on in the body of the report.

#### **Recommendation(s)**

That the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position and the Statement of Cash and Investments for the period ended 31 October 2011 be received.

### **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 2011/2012 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.

The initial forecast review for 2011/2012 will be undertaken during November 2011 and will be based on the financial performance to the period ended 31 October 2011.

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.

### **REPORT**

Outlined below are financial summaries for the period ended 31 October 2011. 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. This will provide a better comparison between the year to date actual and year to date budget figures.



*Item 14.2 continued*

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

The operating result from normal activities as at 31 October 2011 is a favourable variance of \$1,631,633. The following information is provided on key aspects of Council's financial performance:

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|                                |                             |   |
|--------------------------------|-----------------------------|---|
| <b><u>Operating Income</u></b> | <i>Year to Date</i>         | A favourable variance of \$789,992 (6.97%). |
|                                | <i>End of Year Forecast</i> | As per Budget - not yet due to be reviewed. |

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Operating Income variances previously reported to Council:

1. Interest Earnings on Municipal Cash and Investments of \$199,715 is \$69,123 above the year to date budget of \$130,592. This is offset by the Interest Earnings on Restricted Cash Investments which is \$30,556 below the year to date budget of \$637,044.

The variance between the two categories of income is a result of the accounting treatment of accrued interest applicable to the Municipal and Reserve funds (Refer also Interest Restricted Cash Investments). Interest earnings income is allocated to the appropriate funds when received.

2. Year to date Reimbursements income of \$282,305 is \$51,224 (22.17%) above the year to date budget of \$231,081. This variation relates principally to the reimbursement of unbudgeted Workers Compensation payments totalling \$21,377 as well as other Waste Management (\$7,847), Environmental Services (\$4,813), and Corporate Services reimbursements (\$16,984).

There were no further significant Operating Income variances as at 31 October 2011.

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|                                     |                             |   |
|-------------------------------------|-----------------------------|---|
| <b><u>Operating Expenditure</u></b> | <i>Year to Date</i>         | A favourable variance of \$841,641 (9.12%). |
|                                     | <i>End of Year Forecast</i> | As per Budget - not yet due to be reviewed. |

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Operating Expenditure variances previously reported to Council:

1. Contract expenses of \$892,958 is \$375,353 (29.59%) lower than budget due predominantly to the timing of various projects. Major variations below the year to date budget include Red Hill Administration (\$83,946), Rehabilitate Class III Cells (\$46,798), Operate and Maintain Stormwater System (\$44,897), Operate and maintain plant (\$44,723), as well as other Waste Management projects (\$48,714), Regional Development projects (\$33,123) and various Corporate Services activities (\$67,654).
2. Year to date Material expenses is \$168,701 (40.73%) below the year to date budget provisions. The major variance relates to \$47,762 expenditure to date compared to a year to date budget provision of \$100,000 on operating and maintaining the Class III waste disposal cell. This is dependent on the timing of the purchase of cover for the Class III cell. Other projects from Waste Services contribute \$81,937 to the variance. Other variances include Corporate Services activities (\$24,039), Environmental Services projects (\$3,810) and Environmental Services projects (\$11,187).
3. Depreciation expenses of \$1,361,656 is \$211,884 (13.47%) below the budget. The variance is attributable to the timing of the capital expenditure to date. Capital expenditure as at 31 October 2011 totalled \$592,947 compared to a total annual budget of \$8,872,357.

There were no further significant Operating Expenditure variances as at 31 October 2011.

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*Item 14.2 continued*

|  |                             |   |
|--|-----------------------------|---|
| <b><u>*Other Revenues and Expenses (Net)</u></b> | <i>Year to Date</i>         | A favourable variance of \$149,782 (5.90%). |
|  | <i>End of Year Forecast</i> | As per Budget - not yet due to be reviewed. |

*\* Note: This section also includes Unrealised Gain/Loss from change in fair value of Investments*

Other Revenues and Expenses variances previously reported to Council:

1. Interest Earnings on Restricted Cash Investments of \$606,488 is \$30,556 (4.80%) below the year to date budget of \$637,044. This is offset by the Interest Earnings on Municipal Cash and Investments which is \$69,123 above the year to date budget of \$130,592.

The variance between the two categories of income is a result of the accounting treatment of accrued interest applicable to the Municipal and Reserve funds (Refer also Interest Municipal Cash and Investments). Interest earnings income is allocated to the appropriate funds when received.

2. Salary Expenses are \$25,344 (27.86%) below the budget provision of \$90,983. This is attributable to the timing of recruiting a new budgeted staff member (Project Development Officer) for Resource Recovery.
3. Year to date Contract expenses is \$65,503 (36.29%) below the year to date budget provision of \$180,486. This relates to the timing of Resource Recovery project consultancy contracts.
4. The total change in Fair Value of Investments for the period ending 31 October 2011 is a gain of \$5,423. This is made up of Unrealised Gains of \$2,771 and Realised Gains of \$2,652.

The Realised Gains or Losses from the change in fair value of investments represents the profit above book value as a result of the maturity of two ADI's in July 2011 and September 2011.

The Unrealised Gains or Losses from the change in fair value of investments is due to the change in value of ADI's since 30 June 2011. Unrealised Gains or Losses represent a fair market value measurement of the financial instruments during the period in which they are held, i.e. marked to market. It should be noted that actual gains or losses on financial instruments will not be realised until such time as the individual investments are sold.

There were no further significant Other Revenues and Expenses variances as 31 October 2011.

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

|                                   |                             |   |
|-----------------------------------|-----------------------------|---|
| <b><u>Capital Expenditure</u></b> | <i>Year to Date</i>         | A favourable variance of \$2,034,777        |
|                                   | <i>End of Year Forecast</i> | As per Budget - not yet due to be reviewed. |

Capital Expenditure variances:

A favourable variance of \$2,034,777 exists as at 31 October 2011 when comparing to the year to date budget provision. The year to date budget provisions are used as a guide only as expenditure of a capital nature is undertaken as and when required.

Year to date Capital expenditure totals \$592,947. Significant Capital Expenditure items to 31 October 2011 include progress work undertaken on the construction of Waste Management Facility Administration Building at the Red Hill Waste Disposal Site (year to date expenditure of \$220,471 compared to an annual budget of \$334,000), and year to date expenditure of \$103,272 compared to a total annual budget of \$275,238 relating to the purchase of Ascot Place vehicles.



*Item 14.2 continued*

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

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

Currently, as end of year forecasts are yet to be reviewed the forecast balances as at 31 October 2011 are as per budget estimates.

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

The level of cash and investments in the Municipal fund as at 31 October 2011 is \$13,908,858 and Restricted Assets amount to \$27,483,308. This figure is net of cumulative unrealised losses of \$4,176,896 which have been provided for in this amount.

The net movement for the month is a decrease of \$234,933.

Currently, as end of year forecasts are yet to be reviewed the forecast balances as at 31 October 2011 are as per budget estimates.

**Investment Report (refer Attachment 5)**

Term deposits which matured in the month of October 2011 were re-invested into further term deposits together with additional surplus funds.

**STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 - Good Governance

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

4.7 To continue to improve financial and asset management practices.

**FINANCIAL IMPLICATIONS**

As outlined in the attached financial reports.

**SUSTAINABILITY IMPLICATIONS**

Nil

ATTACHMENT(S)

1. Statement of Comprehensive Income by Nature and Type (Ref: Committees-13452)
2. Capital Expenditure Statement (Ref: Committees-13453)
3. Statement of Financial Position (Ref: Committees-13454)
4. Statement of Cash and Investments (Ref: Committees-13455)
5. Investment Report (Ref: Committees-13456)

VOTING REQUIREMENT

Simple Majority





*Item 14.2 continued*

**RECOMMENDATION(S)**

That the Statement of Comprehensive Income, Capital Expenditure Statement, Statement of Financial Position and the Statement of Cash and Investments for the period ended 31 October 2011 be received.

**COUNCIL RESOLUTION(S)**

MOVED CR POWELL

SECONDED CR GODFREY

THAT THE STATEMENT OF COMPREHENSIVE INCOME, CAPITAL EXPENDITURE STATEMENT, STATEMENT OF FINANCIAL POSITION AND THE STATEMENT OF CASH AND INVESTMENTS FOR THE PERIOD ENDED 31 OCTOBER 2011 BE RECEIVED.

**CARRIED UNANIMOUSLY**



## STATEMENT OF COMPREHENSIVE INCOME

### Nature and Type

| Year to Date                 |                       |                    | October 2011 |  | Full Year             |                       |                |
|------------------------------|-----------------------|--------------------|--------------|--|-----------------------|-----------------------|----------------|
| Actual                       | Budget                | Variance           |              |  | Forecast              | Budget                | Variance       |
| <b>Operating Income</b>      |                       |                    |              |  |                       |                       |                |
| (\$10,272,329)               | (\$9,577,413)         | \$694,916          | (F)          | User Charges                                   | (\$28,754,116)        | (\$28,754,116)        | \$0 (F)        |
| (\$138,744)                  | (\$129,157)           | \$9,587            | (F)          | Special Charges                                | (\$390,849)           | (\$390,849)           | \$0 (F)        |
| (\$369,159)                  | (\$370,426)           | (\$1,267)          | (U)          | Contributions                                  | (\$527,121)           | (\$527,121)           | \$0 (F)        |
| (\$460,020)                  | (\$487,638)           | (\$27,618)         | (U)          | Operating Grants                               | (\$698,695)           | (\$698,695)           | \$0 (F)        |
| (\$199,715)                  | (\$130,592)           | \$69,123           | (F)          | Interest Municipal Cash Investments            | (\$391,786)           | (\$391,786)           | \$0 (F)        |
| (\$282,305)                  | (\$231,081)           | \$51,224           | (F)          | Reimbursements                                 | (\$676,194)           | (\$676,194)           | \$0 (F)        |
| (\$397,199)                  | (\$403,172)           | (\$5,973)          | (U)          | Other  | (\$1,248,565)         | (\$1,248,565)         | \$0 (F)        |
| <b>(\$12,119,471)</b>        | <b>(\$11,329,479)</b> | <b>\$789,992</b>   | (F)          | <b>Total Operating Income</b>                  | <b>(\$32,687,326)</b> | <b>(\$32,687,326)</b> | <b>\$0 (F)</b> |
| <b>Operating Expenditure</b> |                       |                    |              |  |                       |                       |                |
| \$2,216,090                  | \$2,413,541           | \$197,451          | (F)          | Salary Expenses                                | \$7,731,805           | \$7,731,805           | \$0 (F)        |
| \$892,958                    | \$1,268,311           | \$375,353          | (F)          | Contract Expenses                              | \$5,219,223           | \$5,219,223           | \$0 (F)        |
| \$245,480                    | \$414,181             | \$168,701          | (F)          | Material Expenses                              | \$1,257,363           | \$1,257,363           | \$0 (F)        |
| \$63,599                     | \$62,416              | (\$1,183)          | (U)          | Utility Expenses                               | \$187,359             | \$187,359             | \$0 (F)        |
| \$240,356                    | \$239,480             | (\$876)            | (U)          | Fuel Expenses                                  | \$718,520             | \$718,520             | \$0 (F)        |
| \$5,012                      | \$4,932               | (\$80)             | (U)          | Finance Fees and Interest Expenses             | \$14,800              | \$14,800              | \$0 (F)        |
| \$77,256                     | \$76,564              | (\$692)            | (U)          | Insurance Expenses                             | \$216,782             | \$216,782             | \$0 (F)        |
| \$1,361,656                  | \$1,573,540           | \$211,884          | (F)          | Depreciation Expenses                          | \$4,720,972           | \$4,720,972           | \$0 (F)        |
| \$3,361,496                  | \$3,249,332           | (\$112,164)        | (U)          | Miscellaneous Expenses                         | \$9,747,671           | \$9,747,671           | \$0 (F)        |
| \$0                          | \$0                   | \$0                | (F)          | Provision Expenses                             | \$114,384             | \$114,384             | \$0 (F)        |
| (\$77,796)                   | (\$74,549)            | \$3,247            | (F)          | Costs Allocated                                | (\$218,180)           | (\$218,180)           | \$0 (F)        |
| <b>\$8,386,107</b>           | <b>\$9,227,748</b>    | <b>\$841,641</b>   | (F)          | <b>Total Operating Expenditure</b>             | <b>\$29,710,699</b>   | <b>\$29,710,699</b>   | <b>\$0 (F)</b> |
| <b>(\$3,733,364)</b>         | <b>(\$2,101,731)</b>  | <b>\$1,631,633</b> | (F)          | <b>OPERATING RESULT FROM NORMAL ACTIVITIES</b> | <b>(\$2,976,627)</b>  | <b>(\$2,976,627)</b>  | <b>\$0 (F)</b> |
| Surplus                      | Surplus               |                    |              |  | Surplus               | Surplus               |                |

## Notes:

1. User Charges - include member Councils, WMRC 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 predominately from government agencies; and
5. Miscellaneous Expenses - includes the Landfill Levy expense of \$3,062,416 as at 31 October 2011.

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





# CAPITAL EXPENDITURE STATEMENT

OCTOBER 2011

| Year to Date                      |           |           | On<br>Order | (F) = Favourable variation<br>(U) = Unfavourable variation |   | Full Year   |             |          |     |
|-----------------------------------|-----------|-----------|-------------|--|---|-------------|-------------|----------|-----|
| Actual                            | Budget    | Variance  |             |  |   | Forecast    | Budget      | Variance |     |
|                                   |           |           |             |  |   |             |             |          |     |
|                                   |           |           |             |  |   |             |             |          |     |
| Governance and Corporate Services |           |           |             |  |   |             |             |          |     |
| \$1,920                           | \$0       | (\$1,920) | (U)         | \$0  | Purchase / Replace Minor Plant and Equipment - Ascot Place ( 24420/01 )   | \$0         | \$0         | \$0      | (F) |
| \$103,272                         | \$141,244 | \$37,972  | (F)         | \$83,404   | Purchase Vehicles - Ascot Place ( 24440/00 )                              | \$275,238   | \$275,238   | \$0      | (F) |
| \$18,491                          | \$23,980  | \$5,489   | (F)         | \$1,125  | Purchase Furniture Fittings & Equipment - Corporate Services ( 24510/01 ) | \$91,440    | \$91,440    | \$0      | (F) |
| \$30,818                          | \$61,666  | \$30,848  | (F)         | \$3,442  | Purchase Information Technology & Communication Equipment ( 24550/00 )    | \$425,000   | \$425,000   | \$0      | (F) |
| \$0                               | \$5,666   | \$5,666   | (F)         | \$0  | Purchase Art Works ( 24620/00 )   | \$17,000    | \$17,000    | \$0      | (F) |
| \$0                               | \$0       | \$0       | (F)         | \$0  | Capital Improvement Administration Building - Ascot Place ( 25240/01 )    | \$305,000   | \$305,000   | \$0      | (F) |
| \$154,500                         | \$232,556 | \$78,056  | (F)         | \$87,971   |   | \$1,113,678 | \$1,113,678 | \$0      | (F) |



# CAPITAL EXPENDITURE STATEMENT

OCTOBER 2011

| Year to Date           |         |          |          | On<br>Order | (F) = Favourable variation<br>(U) = Unfavourable variation                   | Full Year |           |     |     |
|------------------------|---------|----------|----------|-------------|--|-----------|-----------|-----|-----|
| Actual                 | Budget  | Variance | Forecast |             |  | Budget    | Variance  |     |     |
|                        |         |          |          |             |  |           |           |     |     |
| Environmental Services |         |          |          |             |  |           |           |     |     |
| \$0                    | \$666   | \$666    | (F)      | \$0         | Purchase Office Equipment - Environmental Services ( 24510/05 )              | \$2,000   | \$2,000   | \$0 | (F) |
| \$0                    | \$500   | \$500    | (F)      | \$0         | Purchase Office Furniture and Fittings - Environmental Services ( 24610/05 ) | \$1,500   | \$1,500   | \$0 | (F) |
| \$0                    | \$1,166 | \$1,166  | (F)      | \$0         |  | \$3,500   | \$3,500   | \$0 | (F) |
| Regional Development   |         |          |          |             |  |           |           |     |     |
| \$0                    | \$333   | \$333    | (F)      | \$0         | Purchase Office Equipment - Regional Development ( 24510/04 )                | \$1,000   | \$1,000   | \$0 | (F) |
| \$0                    | \$500   | \$500    | (F)      | \$0         | Purchase Office Furniture and Fittings - Regional Development ( 24610/04 )   | \$1,500   | \$1,500   | \$0 | (F) |
| \$0                    | \$833   | \$833    | (F)      | \$0         |  | \$2,500   | \$2,500   | \$0 | (F) |
| Risk Management        |         |          |          |             |  |           |           |     |     |
| \$0                    | \$166   | \$166    | (F)      | \$0         | Purchase Office Equipment - Risk Management ( 24510/06 )                     | \$500     | \$500     | \$0 | (F) |
| \$0                    | \$166   | \$166    | (F)      | \$0         | Purchase Office Furniture and Fittings - Risk Management ( 24610/06 )        | \$500     | \$500     | \$0 | (F) |
| \$0                    | \$332   | \$332    | (F)      | \$0         |  | \$1,000   | \$1,000   | \$0 | (F) |
| Resource Recovery      |         |          |          |             |  |           |           |     |     |
| \$0                    | \$0     | \$0      | (F)      | \$0         | Construct and Commission Resource Recovery Park ( 24399/01 )                 | \$215,500 | \$215,500 | \$0 | (F) |
| \$0                    | \$333   | \$333    | (F)      | \$0         | Purchase Office Equipment - Resource Recovery ( 24510/07 )                   | \$1,000   | \$1,000   | \$0 | (F) |





# CAPITAL EXPENDITURE STATEMENT

OCTOBER 2011

| Year to Date     |             |             |          | On<br>Order | (F) = Favourable variation<br>(U) = Unfavourable variation                           | Full Year   |             |     |     |
|------------------|-------------|-------------|----------|-------------|--|-------------|-------------|-----|-----|
| Actual           | Budget      | Variance    | Forecast |             |  | Budget      | Variance    |     |     |
|                  |             |             |          |             |  |             |             |     |     |
| Waste Management |             |             |          |             |  |             |             |     |     |
| \$0              | \$40,000    | \$40,000    | (F)      | \$0         | Construct Siltation Ponds - Red Hill Landfill Facility ( 24350/00 )                  | \$120,000   | \$120,000   | \$0 | (F) |
| \$0              | \$16,660    | \$16,660    | (F)      | \$5,280     | Construct Nutrient Stripping Pond - Red Hill Landfill Facility ( 24360/00 )          | \$50,000    | \$50,000    | \$0 | (F) |
| \$0              | \$46,660    | \$46,660    | (F)      | \$0         | Construct Roads / Carparks - Red Hill Landfill Facility ( 24370/00 )                 | \$140,000   | \$140,000   | \$0 | (F) |
| \$0              | \$120,000   | \$120,000   | (F)      | \$0         | Construct Water Storage Dams - Red Hill Landfill Facility ( 24393/00 )               | \$960,000   | \$960,000   | \$0 | (F) |
| \$825            | \$12,328    | \$11,503    | (F)      | \$0         | Construct Hardstand and Road - Hazelmere ( 24395/01 )                                | \$37,000    | \$37,000    | \$0 | (F) |
| \$0              | \$14,400    | \$14,400    | (F)      | \$0         | Construct LABC Blending Area - Red Hill Landfill Facility ( 24395/03 )               | \$43,200    | \$43,200    | \$0 | (F) |
| \$0              | \$10,000    | \$10,000    | (F)      | \$0         | Construct Monitoring Bores - Red Hill Landfill Facility ( 24396/00 )                 | \$30,000    | \$30,000    | \$0 | (F) |
| \$0              | \$40,000    | \$40,000    | (F)      | \$0         | Construct Perimeter Bunds - Red Hill Landfill Facility ( 24397/00 )                  | \$120,000   | \$120,000   | \$0 | (F) |
| \$0              | \$8,198     | \$8,198     | (F)      | \$0         | Construct Solar PV Tracking System - Red Hill Landfill Facility ( 24399/02 )         | \$24,606    | \$24,606    | \$0 | (F) |
| \$0              | \$4,832     | \$4,832     | (F)      | \$0         | Hazelmere Site Development ( 24399/03 )  | \$14,500    | \$14,500    | \$0 | (F) |
| \$66,000         | \$1,067,666 | \$1,001,666 | (F)      | \$19,720    | Purchase / Replace Plant - Red Hill Landfill Facility ( 24410/00 )                   | \$3,071,000 | \$3,071,000 | \$0 | (F) |
| \$23,801         | \$199,666   | \$175,865   | (F)      | \$32,150    | Purchase / Replace Plant - Hazelmere ( 24410/01 )                                    | \$539,000   | \$539,000   | \$0 | (F) |
| \$0              | \$11,666    | \$11,666    | (F)      | \$0         | Purchase Bagging Plant for Mulch/Compost ( 24410/02 )                                | \$35,000    | \$35,000    | \$0 | (F) |
| \$39,025         | \$74,333    | \$35,308    | (F)      | \$12,545    | Purchase / Replace Minor Plant and Equipment-Red Hill Landfill Facility ( 24420/00 ) | \$388,000   | \$388,000   | \$0 | (F) |

# CAPITAL EXPENDITURE STATEMENT

## OCTOBER 2011

| Year to Date     |          |           | On<br>Order | (F) = Favourable variation<br>(U) = Unfavourable variation |  | Full Year |           |          |     |
|------------------|----------|-----------|-------------|--|--|-----------|-----------|----------|-----|
| Actual           | Budget   | Variance  |             |  |  | Forecast  | Budget    | Variance |     |
|                  |          |           |             |  |  |           |           |          |     |
| Waste Management |          |           |             |  |  |           |           |          |     |
| \$0              | \$5,000  | \$5,000   | (F)         | \$3,070  | Purchase / Replace Minor Plant and Equipment - Hazelmere ( 24420/02 )                | \$15,000  | \$15,000  | \$0      | (F) |
| (\$104)          | \$34,954 | \$35,058  | (F)         | \$42,792   | Purchase / Replace Vehicles - Red Hill Landfill Facility ( 24430/00 )                | \$132,369 | \$132,369 | \$0      | (F) |
| \$0              | \$183    | \$183     | (F)         | \$0  | Purchase / Replace Office Equipment - Engineering / Waste Management ( 24510/02 )    | \$550     | \$550     | \$0      | (F) |
| \$0              | \$12,560 | \$12,560  | (F)         | \$0  | Purchase / Replace Office Equipment - Red Hill Landfill Facility ( 24510/08 )        | \$37,680  | \$37,680  | \$0      | (F) |
| \$1,200          | \$66,866 | \$65,666  | (F)         | \$7,445  | Purchase Fire Fighting System/Equipment - Hazelmere ( 24520/07 )                     | \$200,600 | \$200,600 | \$0      | (F) |
| \$0              | \$333    | \$333     | (F)         | \$0  | Purchase / Replace Fire Fighting Equipment - Red Hill Landfill Facility ( 24520/08 ) | \$1,000   | \$1,000   | \$0      | (F) |
| \$8,006          | \$51,666 | \$43,660  | (F)         | \$0  | Purchase / Replace Security System - Red Hill Waste Management Facility ( 24530/08 ) | \$155,000 | \$155,000 | \$0      | (F) |
| \$0              | \$6,998  | \$6,998   | (F)         | \$9,000  | Purchase / Replace Security System - Hazelmere ( 24530/10 )                          | \$21,000  | \$21,000  | \$0      | (F) |
| \$278            | \$43,050 | \$42,772  | (F)         | \$2,521  | Purchase / Replace Other Equipment - Red Hill Landfill Facility ( 24590/00 )         | \$129,150 | \$129,150 | \$0      | (F) |
| \$2,718          | \$333    | (\$2,385) | (U)         | \$0  | Purchase / Replace Miscellaneous Plant & Equipment - Hazelmere ( 24590/02 )          | \$1,000   | \$1,000   | \$0      | (F) |
| \$0              | \$1,833  | \$1,833   | (F)         | \$0  | Purchase/Replace Other Equipment - Engineering and Waste Management ( 24590/03 )     | \$5,500   | \$5,500   | \$0      | (F) |
| \$0              | \$833    | \$833     | (F)         | \$0  | Purchase Office Furniture and Fittings-Engineering and Waste Management ( 24610/03 ) | \$2,500   | \$2,500   | \$0      | (F) |



# CAPITAL EXPENDITURE STATEMENT

## OCTOBER 2011

| Year to Date     |             |             |          | On<br>Order | (F) = Favourable variation<br>(U) = Unfavourable variation                                 |             | Full Year   |          |     |
|------------------|-------------|-------------|----------|-------------|--|-------------|-------------|----------|-----|
| Actual           | Budget      | Variance    | Forecast |             |  |             | Budget      | Variance |     |
|                  |             |             |          |             |  |             |             |          |     |
| Waste Management |             |             |          |             |  |             |             |          |     |
| \$0              | \$13,315    | \$13,315    | (F)      | \$2,604     | Purchase / Replace Office Furniture and Fittings - Red Hill Landfill Facility ( 24610/08 ) | \$39,946    | \$39,946    | \$0      | (F) |
| \$1,398          | \$833       | (\$565)     | (U)      | \$1,326     | Purchase Office Furniture and Fittings-Hazelmere ( 24610/10 )                              | \$2,500     | \$2,500     | \$0      | (F) |
| \$0              | \$832       | \$832       | (F)      | \$0         | Purchase Miscellaneous Furniture and Fittings - Red Hill Education Programme ( 24690/01 )  | \$2,500     | \$2,500     | \$0      | (F) |
| \$0              | \$2,997     | \$2,997     | (F)      | \$0         | Refurbish Environmental Education Centre - Redhill Landfill Facility ( 25253/00 )          | \$9,000     | \$9,000     | \$0      | (F) |
| \$0              | \$26,666    | \$26,666    | (F)      | \$0         | Refurbish Waste Transfer Station Building - Red Hill Landfill Facility ( 25259/01 )        | \$80,000    | \$80,000    | \$0      | (F) |
| \$0              | \$6,664     | \$6,664     | (F)      | \$0         | Refurbish Plant - Red Hill Landfill Facility ( 25410/00 )                                  | \$20,000    | \$20,000    | \$0      | (F) |
| \$438,447        | \$2,390,171 | \$1,951,724 | (F)      | \$197,747   |  | \$7,528,179 | \$7,528,179 | \$0      | (F) |
|                  |             |             |          |             |  |             |             |          |     |
| \$592,947        | \$2,627,724 | \$2,034,777 | (F)      | \$285,718   | TOTAL CAPITAL EXPENDITURE  | \$8,872,357 | \$8,872,357 | \$0      | (F) |



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**STATEMENT OF FINANCIAL POSITION**  
**OCTOBER 2011**

| Actual<br>2010/2011 | Actual<br>Year to Date | (F) = Favourable variation<br>(U) = Unfavourable variation | Full Year    |              |          |
|---------------------|------------------------|--|--------------|--------------|----------|
|                     |                        |  | Forecast     | Budget       | Variance |
|                     |                        |  |              |              |          |
|                     |                        |  |              |              |          |
| Current Assets      |                        |  |              |              |          |
| \$3,728,566         | \$3,556,475            | Cash and Cash Equivalents                                  | \$109,849    | \$109,849    | \$0 (F)  |
| \$33,497,403        | \$37,835,691           | Investments  | \$42,772,179 | \$42,772,179 | \$0 (F)  |
| \$2,598,670         | \$3,499,199            | Trade and Other Receivables                                | \$2,598,670  | \$2,598,670  | \$0 (F)  |
| \$46,105            | \$26,383               | Inventories  | \$46,105     | \$46,105     | \$0 (F)  |
| \$105,194           | \$309,619              | Other Assets   | \$105,194    | \$105,194    | \$0 (F)  |
| \$39,975,938        | \$45,227,366           | Total Current Assets                                       | \$45,631,997 | \$45,631,997 | \$0 (F)  |
| Current Liabilities |                        |  |              |              |          |
| \$4,970,223         | \$3,123,361            | Trade and Other Payables                                   | \$4,970,223  | \$4,970,223  | \$0 (F)  |
| \$1,046,241         | \$1,046,241            | Provisions   | \$1,080,824  | \$1,080,824  | \$0 (F)  |
| \$6,016,464         | \$4,169,602            | Total Current Liabilities                                  | \$6,051,047  | \$6,051,047  | \$0 (F)  |
| \$33,959,474        | \$41,057,764           | Net Current Assets   | \$39,580,950 | \$39,580,950 | \$0 (F)  |



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**STATEMENT OF FINANCIAL POSITION**  
**OCTOBER 2011**

| Actual<br>2010/2011 | Actual<br>Year to Date | (F) = Favourable variation<br>(U) = Unfavourable variation | Full Year    |              |          |     |
|---------------------|------------------------|--|--------------|--------------|----------|-----|
|                     |                        |  | Forecast     | Budget       | Variance |     |
|                     |                        |  |              |              |          |     |
| Non Current Assets  |                        |  |              |              |          |     |
| \$7,639,917         | \$7,639,917            | Property Plant and Equipment                               | \$8,209,917  | \$8,209,917  | \$0      | (F) |
| \$4,374,432         | \$4,322,534            | Buildings  | \$5,017,444  | \$5,017,444  | \$0      | (F) |
| \$10,580,017        | \$9,929,155            | Structures   | \$10,402,117 | \$10,402,117 | \$0      | (F) |
| \$6,742,728         | \$6,491,297            | Plant  | \$8,582,934  | \$8,582,934  | \$0      | (F) |
| \$397,379           | \$401,133              | Equipment  | \$1,114,062  | \$1,114,062  | \$0      | (F) |
| \$133,638           | \$128,452              | Furniture and Fittings                                     | \$180,211    | \$180,211    | \$0      | (F) |
| \$272,020           | \$551,801              | Work in Progress   | \$271,520    | \$271,520    | \$0      | (F) |
| \$30,140,129        | \$29,464,287           | Total Non Current Assets                                   | \$33,778,203 | \$33,778,203 | \$0      | (F) |
| Non Current         |                        |  |              |              |          |     |
| \$1,515,597         | \$1,515,597            | Provisions   | \$1,629,981  | \$1,629,981  | \$0      | (F) |
| \$1,515,597         | \$1,515,597            | Total Non Current Liabilities                              | \$1,629,981  | \$1,629,981  | \$0      | (F) |
| \$62,584,006        | \$69,006,453           | Net Assets   | \$71,729,172 | \$71,729,172 | \$0      | (F) |
| Equity              |                        |  |              |              |          |     |
| \$32,133,863        | \$32,133,863           | Accumulated Surplus/Deficit                                | \$32,133,863 | \$32,133,863 | \$0      | (F) |
| \$30,450,144        | \$30,450,144           | Cash Backed Reserves                                       | \$30,450,144 | \$30,450,144 | \$0      | (F) |
| \$0                 | \$6,422,446            | Net change in assets from operations                       | \$9,145,166  | \$9,145,166  | \$0      | (F) |
| \$62,584,006        | \$69,006,453           | Total Equity   | \$71,729,173 | \$71,729,173 | \$0      | (F) |



# CASH AND INVESTMENTS

## OCTOBER 2011

| Actual<br>2010/2011             | Actual<br>Year to Date | (F) = Favourable variation<br>(U) = Unfavourable variation                        | Full Year   |             |          |
|---------------------------------|------------------------|---|-------------|-------------|----------|
|                                 |                        |   | Forecast    | Budget      | Variance |
| Municipal Cash and Investments  |                        |   |             |             |          |
| 3,724,916                       | 3,553,225              | Cash at Bank - Municipal Fund<br>01001/00   | 106,199     | 106,199     | 0 (F)    |
| 1,250                           | 1,250                  | Cash on Hand - Ascot Place<br>01019/00  | 1,250       | 1,250       | 0 (F)    |
| 600                             | 200                    | Cash on Hand - Walliston/Mathieson & Coppin<br>Road Transfer Stations<br>01019/01 | 600         | 600         | 0 (F)    |
| 1,800                           | 1,800                  | Cash on Hand - Red Hill / Hazelmere<br>01019/02                                   | 1,800       | 1,800       | 0 (F)    |
| 6,638,110                       | 10,352,383             | Investments - Municipal Fund<br>02021/00  | 4,516,305   | 4,516,305   | 0 (F)    |
| 10,366,677                      | 13,908,858             | Total Municipal Cash  | 4,626,155   | 4,626,155   | 0 (F)    |
| Restricted Cash and Investments |                        |   |             |             |          |
| 38,811                          | 39,569                 | Restricted Investments - Plant and Equipment<br>02022/01                          | 98,086      | 98,086      | 0 (F)    |
| 3,023,037                       | 3,082,078              | Restricted Investments - Site Rehabilitation Red<br>Hill<br>02022/02              | 3,183,622   | 3,183,622   | 0 (F)    |
| 1,505,552                       | 1,534,956              | Restricted Investments - Future Development<br>02022/03                           | 192,222     | 192,222     | 0 (F)    |
| 306,803                         | 312,795                | Restricted Investments - Environmental Monitoring<br>Red Hill<br>02022/04         | 325,892     | 325,892     | 0 (F)    |
| 211,328                         | 215,455                | Restricted Investments - Environmental Insurance<br>Red Hill<br>02022/05          | 198,047     | 198,047     | 0 (F)    |
| 11,471                          | 11,695                 | Restricted Investments - Risk Management<br>02022/06                              | 12,185      | 12,185      | 0 (F)    |
| 289,265                         | 294,914                | Restricted Investments - Class IV Cells Red Hill<br>02022/07                      | 365,695     | 365,695     | 0 (F)    |
| 23,807                          | 24,272                 | Restricted Investments - Regional Development<br>02022/08                         | 31,672      | 31,672      | 0 (F)    |
| 23,083,322                      | 23,534,145             | Restricted Investments - Secondary Waste<br>Processing<br>02022/09                | 33,744,553  | 33,744,553  | 0 (F)    |
| 1,898,829                       | 1,935,914              | Restricted Investments - Class III Cells<br>02022/10                              | 3,569,635   | 3,569,635   | 0 (F)    |
| 57,920                          | 59,051                 | Restricted Investments - Building Refurbishment<br>(Ascot Place)<br>02022/11      | 61,524      | 61,524      | 0 (F)    |
| (4,194,424)                     | (4,176,896)            | Restricted Investments - Unrealised Loss/Gain on<br>Investments<br>02022/20       | (4,194,424) | (4,194,424) | 0 (F)    |
| 603,573                         | 615,361                | Restricted Investments - Long Service Leave<br>02022/90                           | 667,166     | 667,166     | 0 (F)    |
| 26,859,292                      | 27,483,308             | Total Restricted Cash   | 38,255,873  | 38,255,873  | 0 (F)    |
| 37,225,969                      | 41,392,166             | TOTAL CASH AND INVESTMENTS  | 42,882,028  | 42,882,028  | 0 (F)    |

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

## EMRC Investment Report

October 2011

## Investment Report Including CDOs

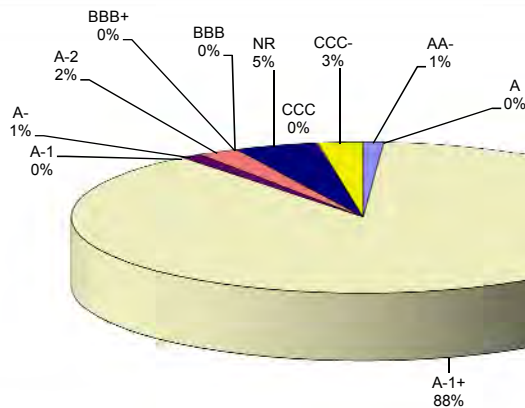
## I. Overall Portfolio Limits

| S&P Long<br>Term Rating | S&P Short<br>Term Rating | %<br>Portfolio | Investment<br>Maximum % | Comments                             |
|-------------------------|--------------------------|----------------|-------------------------|--------------------------------------|
| AAA                     | A-1+                     | 88.39%         | 100%                    | Includes Bank Guarantee <sup>1</sup> |
| AA                      | A-1                      | 1.11%          | 100%                    |                                      |
| A                       | A-2                      | 1.13%          | 60%                     |                                      |
| BBB                     |                          | 0.00%          | 0%                      |                                      |
| CCC and less            |                          | 9.37%          | 0%                      | Policy Breached <sup>2</sup>         |
|                         |                          | <u>100.00%</u> |                         |                                      |

## Notes

1. AAA tranche includes \$1m term deposits with banks that have a lower than AAA rating but is covered by the Bank Guarantee
2. Policy breach above relates to the \$4.23m Lehman Brothers CDOs investment

Investment by S&amp;P Rating



## Investment Report Excluding CDOs

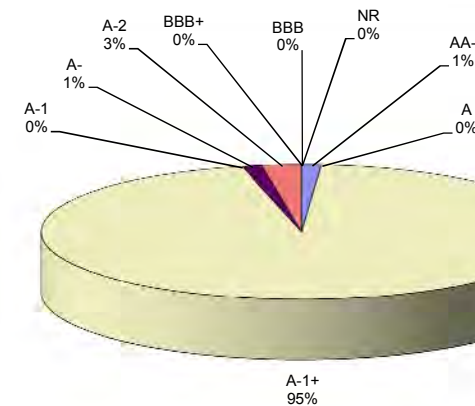
## I. Overall Portfolio Limits

| S&P Long<br>Term Rating | S&P Short<br>Term Rating | %<br>Portfolio | Investment<br>Maximum % | Comments                             |
|-------------------------|--------------------------|----------------|-------------------------|--------------------------------------|
| AAA                     | A-1+                     | 97.53%         | 100%                    | Includes Bank Guarantee <sup>3</sup> |
| AA                      | A-1                      | 1.22%          | 100%                    |                                      |
| A                       | A-2                      | 1.25%          | 60%                     |                                      |
| BBB                     |                          | 0.00%          | 0%                      |                                      |
| CCC and less            |                          | 0.00%          | 0%                      |                                      |
|                         |                          | <u>100.00%</u> |                         |                                      |

## Notes

3. AAA tranche includes \$1m term deposits with banks that have a lower than AAA rating but is covered by the Bank Guarantee

Investment by S&amp;P Rating (excluding CDOs)



## EMRC Investment Report

October 2011

## Investment Report Including CDOs

## II. Counterparty Credit Framework

|                           | % Portfolio | Comments                     |
|---------------------------|-------------|------------------------------|
| ANZ Banking Group         | 42.09%      | Policy breached <sup>4</sup> |
| Bank of Queensland        | 2.22%       |                              |
| Bankwest                  | 6.65%       |                              |
| Credit Union Australia    | 2.22%       |                              |
| Citibank                  | 2.99%       |                              |
| Macquarie Bank            | 1.13%       |                              |
| NAB                       | 6.65%       |                              |
| Westpac / St. George Bank | 26.70%      |                              |
| Lehman Brothers           | 9.37%       |                              |

## Notes

4. Policy breach above relates to the Lehman Bros CDOs investment

## III. Term to Maturity Framework

| Maturity Profile     | Investment Policy Guidelines |        |         | Comments                     |
|----------------------|------------------------------|--------|---------|------------------------------|
|                      | % Portfolio                  | % Min  | % Max   |                              |
| Less Than 1 Year     | 90.74%                       | 40.00% | 100.00% | Policy Breached <sup>6</sup> |
| Greater Than 1 year  | 2.33%                        | 0.00%  | 60.00%  |                              |
| Greater Than 2 years | 5.43%                        | 0.00%  | 60.00%  |                              |
| Greater Than 3 Years | 1.33%                        | 0.00%  | 35.00%  |                              |
| Greater Than 5 Years | 0.18%                        | 0.00%  | 25.00%  |                              |
|                      | 100.00%                      |        |         |                              |

## Notes

6. Policy breach above relates to a \$80,000 Lehman Brothers CDO with a term to March 2017

## Investment Report Excluding CDOs

## II. Counterparty Credit Framework

|                           | % Portfolio | Comments                   |
|---------------------------|-------------|----------------------------|
| ANZ Banking Group         | 46.44%      | Within Policy <sup>5</sup> |
| Bank of Queensland        | 2.44%       |                            |
| Bankwest                  | 7.33%       |                            |
| Credit Union Australia    | 2.44%       |                            |
| Citibank                  | 3.30%       |                            |
| Macquarie Bank            | 1.25%       |                            |
| NAB                       | 7.33%       |                            |
| Westpac / St. George Bank | 29.46%      |                            |

## Notes

5. Within the overall Counterparty Credit Framework allowed under Policy which includes all investments

## III. Term to Maturity Framework

| Maturity Profile     | Investment Policy Guidelines |        |         | Comments |
|----------------------|------------------------------|--------|---------|----------|
|                      | % Portfolio                  | % Min  | % Max   |          |
| Less Than 1 Year     | 100.00%                      | 40.00% | 100.00% |          |
| Greater Than 1 year  | 0.00%                        | 0.00%  | 60.00%  |          |
| Greater Than 2 years | 0.00%                        | 0.00%  | 60.00%  |          |
| Greater Than 3 Years | 0.00%                        | 0.00%  | 35.00%  |          |
| Greater Than 5 Years | 0.00%                        | 0.00%  | 25.00%  |          |
|                      | 100.00%                      |        |         |          |

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



### 14.3 FEES AND CHARGES

**REFERENCE: COMMITTEES-13444**

#### PURPOSE OF REPORT

The purpose of the report is to request that Council adopt a charge for the sale of shredded unprocessed greenwaste and an administration charge for the use of a soil remediation area for the treatment of acid sulphate soil.

#### KEY ISSUES AND RECOMMENDATION(S)

- A market for shredded, unprocessed greenwaste has been identified but currently no fee has been adopted for the sale of shredded, unprocessed greenwaste.
- Recently there have been a number of enquiries regarding the EMRC's capacity to receive and treat acid sulphate soil and dispose of the material once treated.
- There is an opportunity for the EMRC to partner with companies undertaking acid sulphate soil remediation and receive a fee to recover the cost of providing a soil remediation area and also obtain an income from the receipt of treated material that can be used to construct screening bunds around the site.

#### Recommendation(s)

That:

1. Council, by absolute majority in accordance with section 6.16 of the Local Government Act 1995, impose a fee for shredded, unprocessed greenwaste at \$5.00/tonne (ex GST) and a fee for the provision of a remediation pad that would be 10% of the cost of treating acid sulphate soil.
2. That the new fees be advertised in accordance with Sect 6.19 of the Local Government Act 1995 to be effective seven (7) days after public notice.

#### SOURCE OF REPORT

Director Waste Services

#### BACKGROUND

The Schedule of Fees and Charges for 2011/2012 was adopted by Council at the meeting held 7 April 2011.

At the time the Fees and Charges were developed a market for shredded, unprocessed greenwaste did not exist nor was there a requirement for an administration fee for the use of treatment of acid sulphate soil undertaken by others.

#### REPORT

The quantity of greenwaste being received annually has remained relatively constant at 10,000 tonnes but, notwithstanding the mulch is being processed in accordance with the requirements of AS4454, there have been difficulties in establishing markets that will take all of the processed mulch being produced. However, the EMRC has identified a market for shredded but unprocessed greenwaste and, in order to reduce the oversupply, it is proposed that at least 50% of the shredded but unprocessed greenwaste be sold to those compost producers that have need of additional greenwaste.



### *Item 14.3 continued*

The rate being charged for the disposal of greenwaste covers the cost of shredding and it is envisaged the \$5.00/tonne (ex GST) charge being proposed for the sale of shredded, unprocessed greenwaste will cover the loading and administrative costs that would be incurred.

The reduction in the amount of shredded greenwaste to be processed will reduce the amount of land required for processing, the volume of leachate that would be generated and consequently will be required to be managed during the winter months as well as reduce the size of the processed mulch stockpile. In the event that there is demand for processed mulch in the future there would be the capacity to re-instate the programme to its current size.

There have been a number of enquiries in recent weeks regarding the EMRC's capacity to receive and treat large quantities of acid sulphate soil, in excess of 50,000m<sup>3</sup> and dispose of the material once treated. In addition to material emanating from the Perth CityLink (Northbridge Tunnel) project it is anticipated there will also be large quantities of acid sulphate soil requiring treatment from the Perth Waterfront project and the East Perth Riverside project.

In regards to the treatment of acid sulphate soil there is, at this point in time, little to be gained in the EMRC acquiring the plant and equipment necessary to undertake the processing of acid sulphate soil but there is merit in constructing additional appropriately specified hardstand areas on which acid sulphate soil can be treated by subcontractors engaged by the EMRC since the treated material can be utilised to construct screening bunds to create a visual barrier between the landfill operations and nearby residential subdivisions.

Accordingly it is proposed that the cost of constructing the hardstand areas, estimated to be in the order of \$40,000, be recovered through a 10% service fee on the cost of the acid sulphate soil treatment. The actual cost of treatment, a function of the volume being treated and the percentage of sulphur in the soil, can only be established when the material is tested but is generally in the order of \$10.00/m such that, after 40,000m<sup>3</sup> of material has been treated, the cost of constructing the hardstand bund would be recovered.

## **STRATEGIC/POLICY IMPLICATIONS**

### **Key Result Area 1 – Environmental Sustainability**

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.5 To contribute towards improved regional air, water and land quality and regional biodiversity conservation

### **Key Result Area 4 – Good Governance**

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

## **FINANCIAL IMPLICATIONS**

If 50% of the greenwaste is sold in a shredded, unprocessed form there will be additional income amounting to \$25,000 per annum, a reduction in the costs of managing the greenwaste mulching program of \$45,000 per annum and a reduction in the sale of products income of \$50,000 per annum.

The application of a 10% service fee will cover the costs of constructing a treatment pad once 40,000m<sup>3</sup> of material has been processed and this is likely to occur within 2011/2012.






*Item 14.3 continued*

## **SUSTAINABILITY IMPLICATIONS**

The sale of shredded, unprocessed greenwaste will improve the sustainability of the greenwaste mulching programme and the provision of acid sulphate soil remediation pads will permit acid sulphate soils in the Region, that cannot be treated on-site, to be treated in the Region.

## **MEMBER COUNCIL IMPLICATIONS**

| <b>Member Council</b> | <b>Implication Details</b>   |
|-----------------------|--|
| Town of Bassendean    |  Any member Council requiring acid sulphate soil treatment will be able to have the treatment undertaken at a more economical cost. |
| 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:

1. Council by absolute majority in accordance with section 6.16 of the Local Government Act 1995 imposes a fee for shredded, unprocessed greenwaste at \$5.00/tonne (ex GST) and a charge for the provision of a remediation pad be 10% of the acid sulphate soil treatment contractor's treatment cost.
2. That the new fees and charges be advertised in accordance with Sect 6.19 of the Local Government Act 1995 to be effective seven (7) days after public notice.

## **COUNCIL RESOLUTION(S)**

MOVED CR PULE

SECONDED CR CUCCARO

THAT:

1. COUNCIL BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 6.16 OF THE LOCAL GOVERNMENT ACT 1995 IMPOSES A FEE FOR SHREDDED, UNPROCESSED GREENWASTE AT \$5.00/TONNE (EX GST) AND A CHARGE FOR THE PROVISION OF A REMEDIATION PAD BE 10% OF THE ACID SULPHATE SOIL TREATMENT CONTRACTOR'S TREATMENT COST.
2. THAT THE NEW FEES AND CHARGES BE ADVERTISED IN ACCORDANCE WITH SECT 6.19 OF THE LOCAL GOVERNMENT ACT 1995 TO BE EFFECTIVE SEVEN (7) DAYS AFTER PUBLIC NOTICE.

**CARRIED BY AN ABSOLUTE MAJORITY 11/0**



#### **14.4 METROPOLITAN LOCAL GOVERNMENT REVIEW PANEL – DRAFT SUBMISSION**

**REFERENCE: COMMITTEES-13463**

##### **PURPOSE OF REPORT**

To seek Council endorsement of EMRC's submission to the Issues Paper released for comment by the Metropolitan Local Government Review Panel.

##### **KEY ISSUES AND RECOMMENDATION(S)**

- The State Government has initiated reform of Western Australia's local government sector and as part of this the Minister for Local Government Hon John Castrilli MLA announced a review of Perth metropolitan government boundaries and governance structures.
- An independent Metropolitan Review Panel (the Panel) has been appointed to examine the social, economic, environmental and governance challenges facing metropolitan Perth.
- The Panel has released an Issues Paper and submissions have been invited from the community and local governments on the key questions posed in it by 23 December 2011.
- Eastern Metropolitan Regional Council (EMRC) has prepared a Position Paper in response to the Issues Paper.
- The draft Position Paper is attached for Council endorsement.

##### **Recommendation(s)**

That Council endorse the draft Position Paper for submission to the Local Government Metropolitan Review Panel by 23 December 2011.

##### **SOURCE OF REPORT**

Chief Executive Officer

##### **BACKGROUND**

The State Government has initiated reform of Western Australia's local government sector and, as part of this, on 24 June 2011, the Minister for Local Government Hon John Castrilli MLA announced a review of Perth metropolitan local government boundaries and governance structures.

##### **REPORT**

An independent Metropolitan Review Panel (the Panel) has been appointed to examine the social, economic, environmental and governance challenges facing metropolitan Perth. The panel is chaired by Professor Alan Robson, Vice Chancellor of the University of Western Australia, Dr Peter Tannock, former Vice Chancellor of University of Notre Dame and Dr Sue van Leeuwen, Chief Executive Officer of Leadership WA. The Directors-General of the Departments of Local Government and Planning and the President and Vice-President of the Western Australian Local Government Association make up two advisory groups appointed to provide expert advice to the panel.

The Panel's terms of reference are to:

- Identify current and anticipated specific regional, social, environmental and economic issues affecting, or likely to affect, the growth of metropolitan Perth in the next 50 years;



*Item 14.4 continued*

- Research improved local government structures, and governance models and structures for the Perth metropolitan area, drawing on national and international experience and examining key issues relating to community representation, engagement, accountability and State imperatives among other things the panel may identify during the course of the review;
- Identify new local government boundaries and a resultant reduction in the overall number of local governments to better meet the needs of the community;
- Prepare options to establish the most effective local government structures and governance models that take into account matters identified through the review including, but not limited to, community engagement, patterns of demographic change, regional and State growth and international factors which are likely to impact; and
- Present a limited list of achievable options together with a recommendation on the preferred option.

The Panel has released an Issues Paper and submissions have been invited from the community and local governments on the key questions posed by 23 December 2011. The Panel intends to release its draft conclusions in March 2012 and further comments will be invited at that time before reporting back to the Minister for Local Government by 30 June 2012.

The EMRC has prepared a draft Position Paper in response to the Issues Paper. The draft Paper is divided into two parts. Part One provides a brief background on the EMRC, its current governance framework and the regional benefits that have flowed to Perth's Eastern Region, as a result of its governance structure. Part Two provides a response to the Metropolitan Local Government Review Panel's Issues Paper, and promotes the value and contribution of a regional entity governance model such as the EMRC to manage regional issues including waste, transport, environmental management and economic development.

The draft Position Paper is attached for Council comment and endorsement before being finalised.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 – Good Governance

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

## **FINANCIAL IMPLICATIONS**


Nil

## **SUSTAINABILITY IMPLICATIONS**

Not applicable



## 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       |   |

*Item 14.4 continued*

## ATTACHMENT(S)

Draft Position Paper: "The EMRC – an effective governance model" (Ref: Committees-13507)

## VOTING REQUIREMENT

Simple Majority

## **RECOMMENDATION(S)**

That Council endorse the draft Position Paper for submission to the Local Government Metropolitan Review Panel by 23 December 2011.

There was considerable discussion related to the draft submission and Councillors felt that they needed more time to study the draft submission forming an attachment to the report.

Cr Radford moved that a Special Meeting of Council be called between now and 23 December 2011 and that item 14.4 Metropolitan Local Government Review Panel – Draft Submission be deferred until the Special Meeting of Council to discuss the matter. This was seconded by Cr Pule.

Discussion ensued regarding alternative dates for the Special Meeting of Council as many Councillors had prior commitments for their own councils on 15 December 2011. It was suggested that consideration be given to holding the Special Meeting during the day at the earliest possible time and give the role of finalising the date and time to the CEO.

The Chairman requested that Councillors give some guidance to EMRC officers by sending their comments to the CEO within the next few days so that an amended report could be prepared and further debated at the Special Meeting of Council.

## **COUNCIL RESOLUTION**

MOVED CR RADFORD

SECONDED CR PULE

THAT A SPECIAL MEETING OF COUNCIL BE CALLED AT THE EARLIEST POSSIBLE TIME TO CONSIDER THE POSITION PAPER TO BE SUBMITTED TO THE LOCAL GOVERNMENT METROPOLITAN REVIEW PANEL.

**CARRIED UNANIMOUSLY**



**Draft Position Paper**

***The EMRC – an effective governance model***

**Submission by the Eastern Metropolitan Regional Council**

**to**

**The Local Government Review Panel**

**December 2011**

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## I. EXECUTIVE SUMMARY

An independent Metropolitan Local Government Review Panel has been appointed to by the Minister for Local Government, Hon John Castrilli MLA, with the objectives of submitting recommendations to him on appropriate boundaries and governance models for local government in the Perth metropolitan area.

The Eastern Metropolitan Regional Council (EMRC) has prepared a Position Paper - *The EMRC – an effective governance model* to provide input into the Panel's review. The Paper asserts that local governments are under pressure to ensure that their services meet community needs in the context of a population geared to grow and age over the next 50 years.

The Paper proposes that an organisation such as the EMRC is well positioned to partner with all levels of government and take a lead role in delivering regional initiatives resulting in sustainable social, economic and environmental outcomes.

## II. INTRODUCTION

This Paper is divided into two parts. Part One provides a brief background on the EMRC, its current governance framework and the regional benefits that have flowed to Perth's Eastern Region, as a result of its governance structure. It then discusses EMRC's strategic direction, in the context of federal and state strategic directions, and recommends it as on an effective governance model structured to deliver long term social, environmental and economic benefits for metropolitan Perth communities.

Part Two provides a response to the Metropolitan Local Government Review Panel's Issues Paper, and proposes that a regional entity such as the EMRC is best placed to manage regional issues such as waste, transport, environmental management and economic development.

### III. PART ONE

#### 1. EMRC – a Brief Background

##### 1.1 Perth's Eastern Region

Perth's Eastern Region extends from the edge of the Perth CBD, along the Swan River, through residential, commercial and industrial areas to the outer metropolitan agricultural areas of the Swan Valley and the Hills. The region encompasses about 2,100 square kilometres and is home to approximately 319,000. Perth's Eastern Region includes urban residential, rural residential, commercial and industrial areas as well as extensive natural areas, agricultural land and the Swan River foreshore segments, national parks, state forests and water catchments.

Perth's Eastern Region is emerging as a key economic powerhouse for Western Australia. Strategically placed within metropolitan Perth, the Region contains Perth's international and domestic airports, as well as major arterial roads and rail infrastructure and industrial and commercial areas which link metropolitan Perth to the rest of Western Australia and beyond. The Region generates an estimated 10.7% of WA's Gross State Product and the major industry sectors, based on their output value, are manufacturing, transport and storage, construction, property and business services and wholesale trade. The key industry sectors that employ the largest number of workers are manufacturing, retail trade, wholesale trade, transport and storage, property and business services, health and community services and construction.

The EMRC is a local government entity established under the *Local Government Act 1995*. The EMRC works in partnership with six local councils located in Perth's Eastern Region — Town of Bassendean, City of Bayswater, City of Belmont, Shire of Kalamunda, Shire of Mundaring and City of Swan. Together, these six councils constitute around one third of metropolitan Perth. EMRC assists the councils to ensure that the entire region fulfils its potential as one of Western Australia's most vibrant and fast growing areas.



## 1.2 The Early Days

The *Eastern Refuse Disposal Zone Committee* comprising of five local government authorities - the Town of Bassendean, City of Belmont and the Shires of Bayswater, Mundaring and Swan was formed in the early 1970's as a result of the Australian federal government's policy decision to grant financial assistance to local authorities for rubbish disposal on a regional basis. Land at Redhill on Toodyay Road was identified as a potential area for future landfill activity and successful negotiations commenced with various stakeholders for land acquisition. Land purchased by the then Shire of Bayswater from Main Roads WA was developed as a waste disposal site and waste disposal commenced at Redhill in 1980 following the WA State Government's decision to close all landfill sites along the Swan River. EMRC was constituted (under the *Local Government Act 1960*) in 1983 with the designated purpose of providing waste treatment and / or disposal of waste services to its five member Councils.

In the late 1980's the EMRC's constitution went through a number of amendments to allow the EMRC to provide safety and environmental services, in addition to waste services. It was amended once again in 1995 in order to admit the Shire of Kalamunda as a member. In 1998 the Constitution was replaced by an *Establishment Agreement (EMRC 1998)* as provided for under the *Local Government Act 1995*.

The *Establishment Agreement* allowed EMRC to undertake a wide range of services such as regional economic development and natural resource management activities on behalf of member Councils. This arrangement provided economies of scale giving member Councils the ability to focus on local level issues, whilst EMRC focussed on strategic and emerging regional matters.

## 2. The EMRC Today

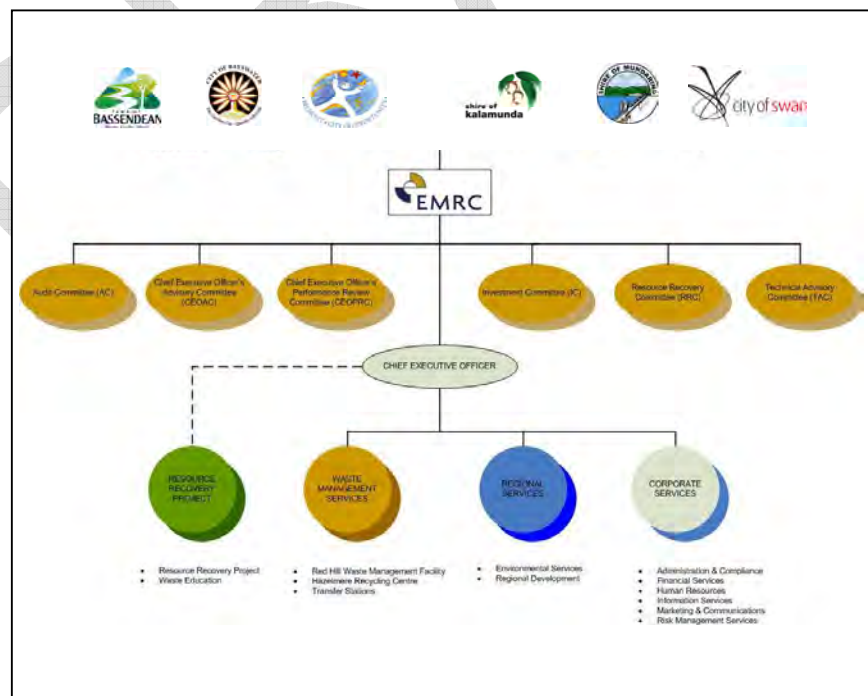
### 2.1 Governance Structure

The EMRC is a Regional Local Government established under the *Local Government Act 1995* Section 3.61(1) which states that:

*Two or more local governments may, with the Minister's approval, establish a regional local government to do things, for the participants, for any purpose for which a local government can do things under this Act or any other Act.*

The EMRC is a body corporate and has as its governing body, a council established under its Establishment Agreement. This Agreement provides for each participant Council to appoint two elected members to be members of EMRC's Council and one member to deputise for those members when either one of them is not available. Each EMRC Councillor has an equal vote at Council meetings.

EMRC also has a number of committees established with specific terms of reference. One of the committees, the Chief Executive Officers Advisory Committee comprises of the EMRC's CEO and the six CEOs of member Councils. This Committee's function is to consider matters of regional relevance with a view to developing regional strategic plans and policies.



**EMRC's Governance Structure**

The EMRC Council holds bi-monthly meetings (with provision to hold a monthly meeting, if required) and makes decisions on strategic direction, resourcing and to consider recommendations referred to it by the six Committees.

A key role is to deliver on current and future priorities for the communities in Perth's Eastern Region. Council's focus has always been on ensuring that it delivers community outcomes, and has, since EMRC's inception, put in place an integrated planning framework to ensure realisation 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 EMRC's Integrated Planning Framework comprises of: a "Strategic Plan for the Future" with a quadruple bottom line, resourcing plans, operational plans and a reporting structure. Regular reviews have ensured that the strategic plans are robust and continue to meet community expectations. The overall objective of the "Strategic Plan for the Future" is to ensure that Council uses its best endeavours to meet the needs of current and future generations in Perth's Eastern Region through integration of environmental protection, social advancement and economic prosperity, supported by good governance.

As such, Council's aim is to:

- facilitate the sustainable use and development of resources.
- facilitate diverse tourism, cultural and recreational opportunities.
- facilitate sustainable economic development and employment opportunities.
- be a responsive, progressive and responsible organisation.

EMRC's "Strategic Plan for the Future" is complemented by a number of strategies designed to deliver regional benefits. These include:

- Strategic Waste Management Strategy<sup>1</sup>
- Regional Advocacy Strategy – 2010-2015<sup>2</sup>
- Regional Integrated Transport Strategy 2010-2013<sup>3</sup>

<sup>1</sup> The Waste Management Strategy provides background on legislation and policy impacting on waste management in Western Australia. It identifies issues and has recommendations relating to landfill facilities, greenhouse gas data collection, illegal dumping, waste education and waste collection and treatment services.

<sup>2</sup> The Advocacy Strategy guides EMRC's advocacy activities at Federal and State levels

- Regional Economic Development Strategy 2010-2015<sup>4</sup>
- Regional Tourism Strategy 2010-2015<sup>5</sup>
- Regional Environmental Strategy 2011-2016<sup>6</sup>
- Swan and Helena Rivers Management Framework<sup>7</sup>

EMRC's council is focussed on ensuring that service and programme priorities not only identify with the long term aspirations of the communities in Perth's Eastern Region but also align with Australian Federal Government and WA State Government strategic policy directions.

## 2.2 Financial Model

The EMRC has a financially strong balance sheet with \$70 million in assets without any loan or overdraft facilities. Half of the assets are held in cash or cash equivalents for future developments and funding sustainable future projects such as the Resource Recovery Facility<sup>8</sup>.

Member Councils provide waste disposal revenue to the EMRC in the form of a “gate fee” for each tonne of waste disposed of. The EMRC's waste management facilities are open to the public and commercial customers and as a regional local government run on best practice principles, the fees and charges underpinning the revenue structure are competitively priced when compared to other local government-owned and commercially-owned waste disposal sites. The EMRC has a sound and sustainable cost structure and surpluses generated from waste revenue, as well as grant income assist in funding economic development and environmental projects.

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<sup>3</sup> Perth's Eastern Region is a major air, rail and road transport hub and The Regional Integrated Transport Strategy has been developed to address escalating traffic congestion and related safety concerns.

<sup>4</sup> The Economic Development Strategy has seven key focus areas, each with associated objectives and prioritised actions. The key focus areas consider issues such as liveability; employment self-containment; attracting knowledge intensive industries; business growth and attraction; infrastructure; governance; and environmental sustainability.

<sup>5</sup> The Tourism Strategy has seven key focus areas that align under the components of Destination Development, Destination Marketing and Destination Management. The key focus areas include: advocacy and governance; research; land use planning; infrastructure; product development; regional event programs; and collaborative marketing.

<sup>6</sup> The Environmental Strategy guides the development of regional environmental projects and services for the next five years.

<sup>7</sup> The EMRC, member Councils, Swan River Trust and the WA Planning Commission have partnered to enhance the Swan and Helena Rivers through carefully planned land use activities that improve environmental, economic and social values of one of the state's most unique and valuable natural assets.

<sup>8</sup> The proposed Resource Recovery Facility is designed to treat and recover materials and/or energy from waste through thermal, chemical and/or biological means.

In 2010/2011, waste disposal revenue from member Councils represented 43.5% of total waste disposal revenue. 56.5% of the waste disposal revenue in 2010/2011 was derived from commercial and non-member Council customers. Over the next five years, reliance on revenue from member Councils will continue to decrease. As a result of the future closure of metropolitan landfills it is anticipated that by 2016/2017, the EMRC will increase its commercial customer base resulting in revenue from member Councils representing only 35.4% of EMRC's total waste disposal income.

EMRC provides a model of sustainability - it not only provides services to member Councils, but also extends its services to other local governments and commercial enterprises, thus delivering significant social, economic and environmental dividends beyond Perth's Eastern Region.

### 2.3 Regional Waste Management

EMRC's core business is the provision of waste disposal services to its member Councils.

Without compromising service levels to its members, the EMRC also provides waste services to other customers including the Western Metropolitan Regional Council and the City of Stirling. Western Australia's only Class IV<sup>9</sup> and Class V<sup>10</sup> waste disposal cells have been constructed at the Redhill Waste Management Facility which can be accessed by the wider metropolitan Perth population. With an estimated 50 year life span (35 million cubic meters of airspace) Redhill will be one of only two remaining metropolitan Perth's landfill sites in the next decade.

The Redhill Waste Management Facility is recognised as best practice in the waste management industry. Significant progress has been made towards seeking international standard accreditation (ISO 14001) for its Environmental Management System, and it is the only site in Western Australia running a composting operation that has been certified as meeting Australian Standards.

EMRC continues to introduce innovative waste management programmes. For example, it was the first Regional Council to offer Household Hazardous Waste management

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<sup>9</sup> Contaminated solid waste

<sup>10</sup> Toxic waste

programmes, was the first to capture landfill gas to generate power, and will also be the first in Australia to potentially commence re-mining of old landfill sites.

EMRC also owns and operates the Hazelmere Recycling Centre, which is currently:

- Western Australia's only industrial timber recycler, supplying woodchip to broiler growers and particle board manufacturers.
- Western Australia's only mattress recycler.
- Australia's first, and Western Australia's only carpet tile recycling depot.

There are currently four other Regional Councils in metropolitan Perth formed by local councils seeking benefit from the economies of scale in waste management services.

EMRC is the only Regional Council in metropolitan Perth to have extended its services to deliver benefits other than waste services to its regional community. Geographically, EMRC has an advantage in that its members abut each other. This geographic grouping has enabled EMRC to provide services at a scale which is beneficial to a region containing a shared community of interest.

#### 2.4 Regional Coordination

EMRC's Establishment Agreement provides for it to undertake a range of projects and services and provide a means for member councils to share resources and facilities. The intention is to promote productive effectiveness and financial benefit to member Councils where there are common and shared community of interest linkages.

EMRC represents a model of successful collaboration, and for 28 years, EMRC has initiated and led projects that deliver real benefits to the region in the areas of waste management and resource recovery, environmental sustainability and regional economic development - these services enable member councils to do more for their communities and for Perth's Eastern Region as a whole.

Major initiatives undertaken by the EMRC for the benefit of Perth's Eastern Region include:

### **Environmental Projects**

- Consortium partner in the Perth Solar City project attracting \$73.5 million in federal government funding.
- Eastern Hills Catchment Management Program.
- Regional Environmental Strategy and Local Government Natural Resource Management Policy Manual.
- Achieving Carbon Emissions Reduction program.
- Water Campaign program.
- Swan and Helena River Management Framework.
- Regional Climate Change Adaptation Action Plan.
- Regional Environmental Strategy 2011-2016

### **Regional Development Projects**

- Regional Integrated Transport Strategy 2010-2013
- Regional Economic Development Strategy 2010-2015
- Regional Tourism Strategy 2010-2015

### **Waste Management**

- Operation of the Red Hill Waste Management Facility
- Operation of the Hazelmere Recycling Facility
- Operation of member Council waste transfer stations
- Planning for a Resource Recovery Facility (alternative waste treatment technology)
- Planning for a Resource Recovery Park (recycling & reuse centre)

## 2.5 Advocacy

As a regional body, EMRC acts on behalf of its six member Councils and their communities for the benefit and sustainability of Perth's Eastern Region. As such EMRC has undertaken advocacy activities in the pursuit of specific and desired outcomes for the region. The areas that EMRC has been able to play an influencing role at federal and state levels include among other things:

- The health, protection and sustainable use of the Swan and Helena Rivers;
- An effective and integrated regional transport system;
- Establishment of high speed, reliable broadband in the region;
- Continued and timely delivery of underground power;
- Facilitation of economic development and investment opportunities;
- Continued improvement of regional waste management activities;
- A natural environment that is protected enhanced and maintained for future generations; and
- Enhanced social inclusion and access to health, education and community services for all residents.



### **3. EMRC's Role into the Future**

#### **3.1 Challenges and Opportunities**

In February 2009 the Minister for Local Government announced reform strategies for local government and encouraged local governments to take steps to voluntarily amalgamate and form appropriate regional groupings. EMRC's member Councils made a definite & unanimous commitment to their Regional Council, the EMRC as their preferred grouping.

The local government reform agenda presents both challenges and opportunities. The challenge is to create a bold vision for the future of local government and develop the right governance model to address the needs of the future.

The reform agenda provides the opportunity for the EMRC to continue to strengthen collaboration with all stakeholders in regional planning. EMRC has experience in identifying and responding to pressures affecting the future of regional communities, and has a 28 year track record in setting direction and developing strategies to deliver sustainable community outcomes. EMRC's governance model has enabled member Councils to leverage off the economies of scale offered through their collaboration with EMRC, providing for an improved financial position and degree of sustainability.

A 2010 report commissioned by the EMRC – *Feasibility of Shared Services* – identified that in addition to waste services, environmental and regional economic development services, it would be possible for the EMRC to provide other services on a regional scale. These services include traditional back of office services such as rates, payroll and IT as well as other services such as ranger patrol and planning services. EMRC has also investigated the provision of regional planning support for Development Assessment Panels in the region.

The reform agenda now provides the EMRC with further impetus opportunity to partner with member local governments to enhance service delivery and act as a coordinating body between federal, state and local governments. Such an arrangement would produce more integrated policy outcomes and will enable community members to receive consistent services from a single access point, which may also result in reduced regulatory and compliance requirements.

### 3.2 Governance Model – A Coordinating Entity

The local government reform in metropolitan Perth may result in local government boundary adjustments and if this is the case, to a wide range of innovative and improved approaches to service delivery will be required to ensure that services continue to meet the service levels expected by the community. The role of a regional entity such as the EMRC would enable a focus on developing:

- A cooperative model that increases capacity yet still allows for local identity and decision making.
- A strong working relationship and integration with Councils on operations and decision-making;
- A robust partnership with local, state and federal governments, communities and businesses, to deliver strategic regional outcomes.
- Development of a strong revenue stream and lower costs due to services being provided at a regional level

The EMRC 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).

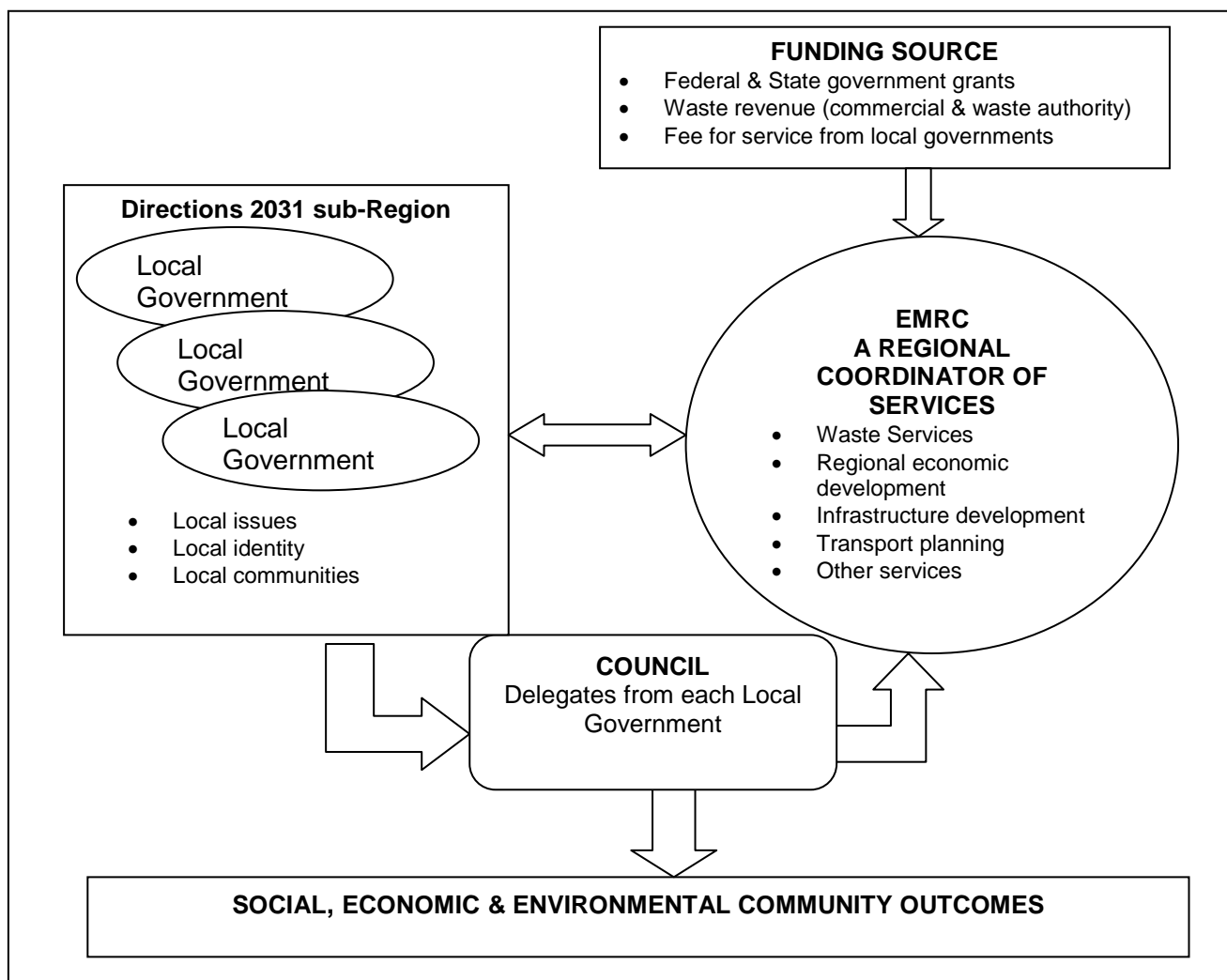
EMRC has acted as the representative body for the WA State Government's Strategic Waste Initiative Scheme projects, Household Hazardous Waste and E-Waste management and regional funding procurements. EMRC also represents its member Councils' interests on the Municipal Waste Advisory Council.

It is therefore considered essential that any Local Government reform agenda, takes into consideration the successes of the past when planning for the future.

#### 4. Proposed Governance Model

EMRC would deliver regional planning services and other programmes such as, economic development, infrastructure and transport planning, aged care etc Waste management would continue to form part of the total suite of services offered by the EMRC.

This model, which is not too dissimilar to the current EMRC governance framework, would enable individual local governments to retain control of local services whilst being offered the flexibility of transferring other services to a coordinating entity. The model would offer comfort to local communities concerned with maintaining a community of interest, as local representation would continue. Operational funding would be derived from State Government (funding for *Directions 2031 and Beyond* initiatives), revenue from local Councils' and commercial waste disposal, fee for service for regional projects, as well as Federal and State grants. A Council would be formed of delegates from the member local Governments.



EMRC a Regional Coordinator of Services

## IV. PART TWO

### Response to the Metropolitan Local Government Review - Questions for Local Government

#### ***1. What are the biggest issues facing local government in metropolitan Perth***

Local Government will be required to effectively plan for a population geared to grow and age over the next 50 years ensuring:

- Environmental impacts as a result of the growth are minimised.
- People are able to live in affordable and attractive localities where there is a sense of community and connectedness.
- Jobs, industries and economic development opportunities are provided.
- An integrated network of services exists with appropriate infrastructure in place (e.g. roads, recreation, waste etc)

Environmental, social and economic sustainability planning will need to be undertaken to ensure that the aspirations of all community members are met, and will also need to take into consideration a number of issues including those outlined below:

##### 1.1 Demographic Changes

In the next fifty years local government will have to respond proactively to the demands placed on its services as a result of population growth (in numbers as well as in spread), the growth of an educated society and the emergence of a diverse and multicultural population. All these factors will affect the way people live, work and commute.

##### 1.2 Asset Management

A challenge will be to manage, maintain and replace infrastructure such as paths, roads, swimming pools, libraries and community centres, whilst funding the establishment of infrastructure in new growth areas. Land releases will be required to accommodate population growth, and another challenge will be to ensure that planning focuses on providing choices which do not compromise land, water and air quality. Furthermore it will be important to ensure that people are able to meet all their needs (e.g. employment, education recreation, services etc) without having to travel great distances from where they live.

Adapting to the changes and building sustainable communities will require the integration of environmental, social and economic factors. Tackling many of the issues will require a regional and coordinated approach, benefiting from the development of strong relationships with all levels of government, community and other stakeholders in order to maximise effectiveness.

### 1.3 Environmental Issues

Increase in urban infill and fast outer urban growth for metropolitan Perth has resulted in detrimental impacts on air, water and land quality. Local governments have a key role to play in ensuring that urban development does not negatively impact on their communities and the environment. Pooling resources and taking a regional approach to managing natural resources is the solution to dealing with the issues.

Climate change represents a significant challenge to federal, state and local governments due to the predicted impacts on infrastructure, land use planning, biodiversity, environmental health and fire and emergency services, as well as parks and reserve management. In addition, there will be challenges and opportunities associated with impacts of the carbon tax on local and regional economies.

Adapting to the impacts of climate change also provides opportunities. Regional level planning integrated into local planning and risk management, will ensure all levels of government and the community are aligned towards a coordinated approach.

### 1.4 Financial Sustainability

Increasing costs related to service delivery has placed a financial burden on local governments. Local governments have also become increasingly involved in non-traditional services such as the provision of affordable housing and community safety. These and other factors have caused many local governments to either defer or reduce expenditure, due to an inability to fund services and programmes. Furthermore, the capacity to increase rates is limited due to increases in state government fees, levies and charges impacting on councils' ratepayers. These factors are likely to have a long term impact on local government operations and their ability to meet community expectations.

It is important for local government to be financially sustainable to be able to maintain and/or improve service delivery. Realising the gains from economies of scale and regional shared service provision, will assist local councils to continue their efforts to meet community expectations.

#### 1.5 Employing and Retaining Skilled Staff

An important issue for local governments is to be able to attract and retain staff who have the skills, experience and knowledge to meet the demands of increasing community expectations. In the current economic climate staff recruitment and retention is a major issue where skilled and experienced employees are retiring or have chosen to move out of the local government industry into the private sector.

#### **EMRC's Position**

It is the EMRC's position that the above challenges can best be met by a regional and collaborative approach which will enable local government to provide sustainable social, economic and environmental outcomes. As discussed in Part One of this Position Paper, the EMRC model is proven and successful and as such EMRC has taken a lead role in assisting its member Councils to respond to a regional solution for many of the challenges detailed above.

## **2. What changes or improvements in arrangements are needed between State and Local Government sectors for governing Perth?**

There is a need for coordinated planning at a regional level that aligns with local, state and Federal government strategic planning initiatives. All Australian capital cities are required to have in place a Capital Cities Strategic Plan and these will be the basis for attracting federal funding. In addition, the WA State Government's *Directions 2031 and Beyond* will be used as the strategic planning document to feed into the Capital City strategic planning requirements.

### **EMRC's Position**

It is the EMRC's position that if the WA State Government implementation plans for the seven sub regions identified in *Direction 2031 and Beyond* are to succeed; there is a need for strong regional governance bodies, such as the EMRC to:

- Provide an effective transparent mechanism to strategically respond to the needs of each region.
- Act as a single reporting entity / point of contact to state and federal government on the sub regions needs.
- Develop integrated high level strategic planning to align land use planning, major projects, infrastructure and policy.

## **3. What services should local government provide in the Perth metropolitan area?**

Local government has, by necessity as a result of Federal and State obfuscation, moved beyond the traditional service delivery roles and now provides a range of services which include community development, recreation, aged and youth services, statutory planning, security, parking, environmental planning, infrastructure planning and economic development.

Community expectations of local government are changing. Councils are no longer just "roads, rates and rubbish". Instead there are expectations from communities that their local council will act as an advocate and champions strategic projects delivering a wide range of social, economic and environmental outcomes.

In meeting this expectation, the role of local government is to deliver services leveraging off a linked network of partners such as volunteers, community groups (including small business), local, state and federal governments, other government bodies, non-government organisations, not-for-profit organisations and the private sector.

### **EMRC's Position**

It is the EMRC's position that an organisation such as the EMRC is well positioned to partner with all levels of government and take a lead role in delivering regional initiatives such as waste management, regional economic development, regional natural resource management, regional infrastructure planning, river management and regional community development. Some of the high priority regional projects developed by the EMRC include:

- a. EMRC has taken a leadership role in developing a coordinated regional response to climate change and, through its *Regional Climate Change Adaptation Plan 2009-2013*, is addressing key regional issues in relation to:
  - Improving management of the local environment and community assets
  - Developing transport, planning and building systems that support low carbon emissions
  - Supporting the community to adjust to the cost of a carbon economy
  - Supporting innovation and economic development opportunities associated with new technologies
- b. EMRC's Strategic Plan for the Future 2010-2014 has a quadruple bottom line structure. EMRC has taken the lead in developing a coordinated regional response to ensuring that infrastructure needs, economic development opportunities and environmental issues are taken into consideration for future population planning.
- c. EMRC's *Regional Economic Development Strategy 2010-2015* is aligned to *Directions 2031 and Beyond* and outlines a regional framework for the delivery of economic outcomes throughout Perth's Eastern Region. It complements and supports member Councils' strategic planning and aims to partner and collaborate with all levels of government, businesses and other stakeholders to deliver regional economic outcomes.



- d. The *Regional Integrated Transport Strategy Action Plan 2012-2013*, provides a coherent strategic framework for the management and development of a transport system that integrates all transport modes and contributes towards the development of an efficient and effective transport network.
- e. EMRC's *Eastern Hills Catchment Management Programme (EHCMP)* has been developed in partnership with member Councils, Perth Region NRM, Department of Environment, Swan River Trust, WA Planning Commission and private land owners to develop a holistic and strategic approach towards land conservation. The EHCMP has proven its effectiveness through the overwhelming and ongoing active participation by the community, including 1,700 volunteers coordinated by the EMRC.
- f. EMRC, in partnership with the Swan River Trust, has developed a set of guidelines for local governments in priority catchment areas. *The Local Government Natural Resource Management (NRM) Policy Manual* is an easy to use reference guide designed to assist local governments to manage natural resources in their region, and reduce nutrient and other pollutants in priority catchment areas of the Swan-Canning river systems. The NRM Policy Manual includes best practice guidelines for areas such as: land use planning and development control; storm water/drainage management; and provision of services such as recreational facilities. The Manual also contains a checklist of policy and legislation pertaining to natural resource management during the planning process.

#### **4. How should Local Government be financed to provide services?**

EMRC has been collecting its primary income from its fees and charges for waste services provided to industry, member councils and other councils as well as contributions from member Councils to various other projects. The fees and charges not only factor in the cost of supplying the service, but also in establishing funds for future capital outlays for major projects such as the Resource Recovery Facility (alternative waste treatment).

The EMRC, like many local governments, relies on funding from both State Government and Federal Government grants to supplement income from rates and other charges and to provide essential services and infrastructure to their communities.

Compared to commercial and private enterprises, Regional Local Governments face greater compliance costs and restrictions on the day to day running of their operations, particularly in the areas of:

1. Debt Funding
2. Ownership structure

##### **4.1 Debt Borrowing**

Private and commercial organisations fund their operations through a balance of equity and debt. While debt is regarded as the cheaper form of funding, there are restrictions on this type of funding.

As a regional local government, the EMRC is restricted in how it can borrow under *the Local Government Act 1995*. Section 6.21(1)(a), states that where a regional local government borrows money, obtains credit or arranges for financial accommodation to be extended to the regional local government that money, credit or financial accommodation is to be secured only by the regional local government giving security over the financial contributions of the participants to the regional local government's funds as set out or provided for in the establishment agreement for the regional local government.

As the EMRC is operated in surplus, there has been no requirement for any financial contribution of the participant i.e. its member Councils. The fees received from the member

Councils are a fee for service and as such do not meet the definition of a financial contribution.

A regional local government may also give security over Government grants which were not given to the regional local government for a specific purpose, however these are not very common.

Therefore in order for the EMRC to borrow, each Council from the member Councils are required to give security to the lender over their general funds, in accordance with section 6.21(c). This imposes significant administrative time with a reliance on the support of each member Council. This however restricts the borrowing capacity of the member council to the extent of the guarantee given. As the EMRC has realisable assets in their own right, consideration should be given to amending the Act to allow regional councils to supply a guarantee over their own assets.

#### 4.2 Ownership Structure

Private and commercial organisations are able to set up or acquire an interest to give them control of an incorporated company to provide the parent company protection afforded under the Corporations Act. An incorporated company is also be able to fund the business through a combination of the equity contribution from the shareholders as well as debt funding in its own right.

However, under section 3.60 of the Local Government Act 1995, a local government cannot form or take part in forming, or acquire an interest giving it the control of, an incorporated company or any other body corporate except a regional local government unless it is permitted to do so by regulations.

An incorporated company or joint partnership arrangements for regional councils would allow a larger pool of participants into the project or business, thereby reducing the ownership risk of the project. This would reduce the level of capital investment funding required for the regional local governments. This would allow for some start-up projects that would benefit the community that may not have been able to be implemented otherwise, due to high capital requirements.

**5. Are there any state provided services that local government might be better placed to provide?**

The community expects efficient and effective services, and all three tiers of government are essential to deliver these. Local government, as the tier closest to the community, is best placed to provide services such as community development, community safety, waste management, environmental management, economic development, youth and aged services and local area planning. The state government should take a regulatory role as well as continue to provide essential services such as health, education and security.

**EMRC's Position**

It is the EMRC's position that an entity such as the EMRC is an important element of governance as its role is to coordinate and implement regional strategies. This provides economies of scale and synergies enabling local councils to free up resources for local matters. Whilst regional cooperation and resource sharing already exists, there is potential for EMRC to extend the scope and coverage of its activities.

**6. Are there any changes to key legislation which are essential or desirable?**

- On 25 November 2010 the Hon Max Trenorden MLC introduced a Private Member's Bill, the *Local Government Amendment (Regional Subsidiaries) Bill 2010* into the Legislative Council. This bill, if passed would provide legislation to enable local governments to provide a range of services and functions that are currently unavailable under the *Local Government Act 1995*. Essentially, the current provisions of the Act apply to regional councils unless specifically excluded under section 3.66. Under the Private Members Bill the opposite would apply i.e. the Act would not apply unless specifically mentioned. This would allow regional Councils to act with a more commercial focus, 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.
- Both the State and Federal governments have indicated that their preference is to provide grant funding on a regional basis rather than deal with multiple individual councils as they view this as more administratively efficient and the provision of projects across local government boundaries is considered more effective. This supports the regional council model provided by the EMRC.

## V. REFERENCES

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### **Legislation:**

*Local Government Amendment (Regional Subsidiaries) Bill 2010* (Western Australia)

*Local Government Act 1995* (Western Australia)



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

### **REFERENCE: COMMITTEES-13127**

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

#### **1. WASTE MANAGEMENT SERVICES**

- 1.1 CARBON PRICE WASTE MANAGEMENT OPERATIONS UPDATE  
(Ref: Committees-13328)
- 1.2 AUSTRALIAN PACKAGING COVENANT PROJECT FUNDING (Ref: Committees-13336)
- 1.3 REGIONAL FUNDING PROGRAM (Ref: Committees-13340)
- 1.4 COUNCIL TONNAGE COMPARISONS AS AT 30 SEPTEMBER 2011  
(Ref: Committees-13339)

#### **2. CORPORATE SERVICES**

- 2.1 UPDATE ON TAKING ORDER BY MAIN ROADS FOR GREAT EASTERN HIGHWAY  
EXPANSION

### **RECOMMENDATION**

That the Information Bulletin be noted.

### **COUNCIL RESOLUTION**

MOVED CR POWELL                      SECONDED CR GODFREY

THAT THE INFORMATION BULLETIN BE NOTED.

**CARRIED UNANIMOUSLY**



## **INFORMATION BULLETIN**

Accompanying the  
Ordinary Meeting of Council Agenda

8 December 2011



## COUNCIL INFORMATION BULLETIN

8 December 2011

(REF: COMMITTEES-13127)

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## **1 WASTE SERVICES**

### **1.1 CARBON PRICE WASTE MANAGEMENT OPERATIONS UPDATE**

**REFERENCE: COMMITTEES-13328**

#### **PURPOSE OF REPORT**

The purpose of the report is to provide Council with an update on the implications of the Carbon Price on the EMRC's waste management operations.

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

- The Federal Government's Carbon Price legislation was passed by the House of Representatives on 12 October 2011 and by the Senate on 9 November 2011.
- It is still unclear what the financial impact will be on landfills that currently collect and utilise methane generated by the breakdown of organic waste given the regulations have yet to be finalised. Once the full details have been announced a report will be provided to Council.
- There remains uncertainty as to how the emissions from landfills will be calculated and consultants are to be engaged to provide advice on alternative calculation methodologies.
- There will be impact on operations from changes in the Fuel Tax and Excise Tariff Legislation.
- There appears to be a number of opportunities for funding through the Clean Technology Program and the Carbon Farming Initiative Program.

#### **SOURCE OF REPORT**

Director Waste Services

#### **BACKGROUND**

At the Council meeting held 18 August 2011 preliminary advice regarding the implications of the Carbon Price on the Red Hill Landfill operations was provided based on the information that was to hand.

#### **REPORT**

The Federal Government's Clean Energy Future Bill was passed by the House of Representatives on 12 October 2011 and by the Senate on 9 November 2011.

Whilst the proposed 10,000 tonnes of CO<sub>2</sub>e threshold for smaller landfills within the vicinity of larger landfills with emissions in excess of 25,000 tonnes of CO<sub>2</sub>e has been dropped it is likely there will be significant changes to the draft regulations that have been developed and it may be that they will not be finalised until mid 2012.

At a meeting held on 25 October 2012 with Mark Dreyfus, the Parliamentary Secretary, and Department of Climate Change and Energy Efficiency officers to discuss the impact of the Carbon Price on Local Government the issue of a landfill generating 25,001 tonnes of CO<sub>2</sub>e having to buy 25,001 carbon credits whilst one generating 24,999 tonnes of CO<sub>2</sub>e not having to purchase any carbon credits was raised and it was indicated that a methodology similar to the application of the income tax threshold might be considered. It was stated that there would be no requirement for any carbon credits would need to be purchased in 2012/2013 but there would be a requirement for carbon credits to be purchased in 2013/2014 for waste landfilled in 2012/2013.



*Item 1.1 continued*

Notwithstanding that no payments would be made provisions for future payments for waste received during 2012/2013 will have to be put in place and of concern is that, when local government budgets are being prepared, there will still be uncertainty as to number of carbon permits that will need to be purchased as the regulations on calculating the emissions are still to be finalised.

In addition to the uncertainty regarding the emissions calculations the impact of the changes to the Fuel Tax and Excise Tariff Legislation on the Off Road fuel consumed is yet to be determined nor has there been anything other than a suggestion that electricity prices will increase 7% as a result of the Carbon Price.

Though the Carbon Price will increase the cost of waste disposal there may be opportunities for the EMRC to receive funding for its waste diversion programmes. There are grants under the Clean Technology Program for improvements in energy efficiency and clean technology innovation.

The Clean Energy Future Plan includes a Carbon Farming Initiative that provides a carbon crediting mechanism for carbon offset projects that reduce or avoid emissions. Whilst the projects must utilise approved methodologies it is possible the EMRC could generate sufficient carbon credits that no credits need to be purchased.

Work is continuing on establishing the Carbon Price liabilities that may be incurred and consultants are to be engaged to assist in assessing alternative measurement methodologies that appear to more correctly estimate the actual emissions. Under the National Greenhouse and Energy Reporting (NGER) system the Method 1 assessment methodology provides a series of default values for estimating emissions whilst Method 2, which is being investigated by the consultants, relies on direct measurement of fugitive emissions to establish the actual percentage capture. Under Method 1 the maximum capture rate is 75% whilst it may be that, at Red Hill more than 85% and perhaps up to 95% of emissions are being captured. Based on 85% gas capture the cost of the carbon permits would be in the order of \$3.45/tonne of waste delivered.

Once more certainty exists a further report will be prepared for Council.

## **STRATEGIC/POLICY IMPLICATIONS**

### **Key Result Area 1 – Environmental Sustainability**

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.5 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 4 – Good Governance**

- 4.1 To improve member Council and EMRC financial viability



*Item 1.1 continued*

## **FINANCIAL IMPLICATIONS**


Until further details are provided the full financial implications will not be known but, for Municipal Solid Waste (MSW) the cost of the carbon permits would be in the order of \$27.60/tonne of MSW if credits for gas capture are not issued. If, as is envisaged, there is recognition that 85% of the emissions are captured the cost of the carbon permits would reduce to something in the order of \$3.45/tonne of MSW.

There will also be substantial data collection, administrative and reporting costs that have yet to be quantified.

## **SUSTAINABILITY IMPLICATIONS**

The Federal Government believes the application of a Carbon Price will improve sustainability outcomes.

## **MEMBER COUNCIL IMPLICATIONS**

| <b>Member Council</b> | <b>Implication Details</b>  |
|-----------------------|---|
| Town of Bassendean    |  The full implications for the member Councils are not yet known. |
| City of Bayswater     |   |
| City of Belmont       |   |
| Shire of Kalamunda    |   |
| Shire of Mundaring    |   |
| City of Swan          |   |

## **ATTACHMENT(S)**

1. Clean Energy Future Fact Sheet – Emissions From Landfill Facilities (Ref: Committees-13331)
2. Clean Energy Future Fact Sheet – Carbon Farming Initiative (Ref: Committees-13332)
3. Clean Energy Future Fact Sheet – Transport Fuels (Ref: Committees-13333)



Australian Government



## FACT SHEET

# Emissions from landfill facilities

Local governments and other operators may be liable to pay a carbon price for their methane emissions from landfill.

Landfill operators will have incentives to reduce their emissions by capturing methane, which can be used to generate electricity. Emissions can also be reduced by diverting waste or other treatments.

## Landfill emissions

Many local governments and other operators are already taking action to reduce methane emissions from landfill facilities. Even so, the waste sector produces around 15 million tonnes of carbon pollution each year, equivalent to 3 percent of Australia's emissions.

Waste deposited in landfill today will create carbon pollution for decades as the material decomposes. Without action to reduce emissions, a tonne of standard municipal solid waste will release about 1.2 tonnes of carbon pollution.

The Clean Energy Future plan has the potential to significantly reduce our landfill waste emissions, potentially halving annual waste sector emissions by 2020.

## Liability for landfill emissions

### What landfill sites will be liable under the carbon price?

Landfill facilities with direct emissions of 25,000 tonnes carbon dioxide equivalent (CO<sub>2</sub>-e) a year or more will be liable under the carbon price. As a broad rule of thumb, towns with 20,000 people or more should examine whether their landfill sites exceed the threshold.

The carbon price will not apply to emissions from waste deposited prior to 1 July 2012 (this is known as legacy waste emissions). This is because landfill operators cannot recover the cost of emissions from waste deposited in the past. Those emissions will count towards determining facility thresholds for liability for the carbon price.

There will be no carbon price liability for landfill facilities with emissions of less than 25,000 tonnes (CO<sub>2</sub>-e) of carbon pollution a year for at least the first three years of the carbon price. The Climate Change Authority will review arrangements for these smaller landfills (between 10,000 and 25,000 tonnes) no later than 2015-2016. However, the Government's preference is to maintain the current arrangements unless there is clear evidence that the current thresholds have led to waste diversion in the industry.

If the threshold is changed (through changes to regulations) and affected, smaller landfills become covered by the carbon price mechanism sometime after 2015, the Government will ensure that these landfills are liable only for emissions from waste deposited after the change is made.

## Measuring and reporting landfill emissions

Landfill operators liable under the carbon price will now be required to report their greenhouse gas emissions to the Clean Energy Regulator from 1 July 2012.

The National Greenhouse and Energy Reporting Act 2007 (the NGER Act) provides a framework for methodologies for estimating these emissions. Methods for estimating methane from landfills have been developed in consultation with stakeholders and are outlined in Part 5.2 of the *National Greenhouse and Energy Reporting (Measurement) Determination 2008*.

The Government will conduct information and training sessions for affected landfill operators to meet their requirements under the NGER reporting framework in early 2012.

More information about the National Greenhouse and Energy Reporting Framework is available at: [www.climatechange.gov.au/government/initiatives/national-greenhouse-energy-reporting.aspx](http://www.climatechange.gov.au/government/initiatives/national-greenhouse-energy-reporting.aspx)

## Opportunities to reduce landfill waste emissions

Landfill operators can reduce their carbon price liabilities or in some cases avoid liability by reducing their emissions below the liability threshold.

Activities that reduce emission including capturing landfill gas to generate electricity, flaring methane, waste diversion, recycling, and composting. Many of these activities can generate revenue and may be eligible for Government incentives through schemes such as the Renewable Energy Target and the Carbon Farming Initiative.

## Carbon Farming Initiative

The Carbon Farming Initiative (CFI) will provide incentives to reduce emissions from legacy waste by creating carbon credits. This opportunity is open to any landfill with legacy waste irrespective of size. CFI credits can be used to meet obligations under the carbon price and can also be sold into voluntary and international carbon markets.

The waste sector is likely to generate enough CFI credits to meet the sector's liabilities under the carbon price in the period to 2020. In particular, landfill operators will be able to meet up to 100 per cent of their carbon price liability using credits issued under the Carbon Farming Initiative (CFI) during the fixed price years of the carbon pricing mechanism.

Landfill operators wishing to participate in the CFI will need to use methodologies approved by the Government. An independent expert committee, the Domestic Offsets Integrity Committee (DOIC), will assess methodologies and provide recommendations to the Minister for Climate Change and Energy Efficiency on their approval. A CFI methodology for the capture and combustion of landfill gas is currently under consideration by the DOIC.

Waste projects can be backdated to the commencement of the CFI. This will allow existing waste projects, such as those approved under the Australia Government's Greenhouse Friendly program and the Greenhouse Gas Reduction Scheme (GGAS), to receive CFI credits for abatement from 1 July 2010. More information on the CFI is available at [www.climatechange.gov.au/cfi](http://www.climatechange.gov.au/cfi).

## Renewable Energy Target

The Renewable Energy Target (RET) will help ensure that at least 20 per cent of Australia's electricity comes from renewable sources by 2020.

Landfill operators could also be eligible for support under the RET scheme. Power stations using landfill gas to generate electricity can apply to become accredited renewable energy power stations. This will allow them to create a tradable certificate for each megawatt-hour of electricity generated using landfill gas. More information on the RET, including on becoming an accredited renewable energy power station, is available at [www.orcr.gov.au](http://www.orcr.gov.au).

## Further Information

For further information call 1800 057 590.



Australian Government



## FACT SHEET

# Carbon Farming Initiative

The Carbon Farming Initiative (CFI) is a carbon offsets scheme that will provide new economic opportunities for farmers, forest growers and land managers while also helping the environment by reducing carbon pollution. Farmers and land managers will be able to generate credits that can then be sold to other businesses wanting to offset their own carbon pollution.

## Agriculture and forestry sectors vital to Australian abatement

Reducing greenhouse gas emissions from the land is important in Australia since agriculture and forestry currently account for about 23 per cent of the nation's emissions.

Without a contribution from these sectors it will be increasingly difficult for Australia to achieve its long-term emissions reduction target of at least 80 per cent below 2000 levels by 2050.

The CFI will create incentives to reduce emissions from agriculture and increase carbon storage in soils and vegetation.

## What are carbon credits?

Carbon credits represent reductions in greenhouse gases in the atmosphere through:

- Increasing the amount of carbon stored in soil or trees, for example by growing a forest or reducing tillage on a farm in a way that increases soil carbon; or
- Reducing or avoiding emissions, for example through the capture and destruction of methane emissions from landfill or livestock manure.

## Carbon credits

Credits generated under the CFI that are recognised for Australia's obligations under the Kyoto Protocol on climate change can be sold to companies with liabilities under the carbon price. This includes credits earned from activities such as reforestation, savanna fire management and reductions in pollution from livestock and fertiliser.

The ongoing CFI non-Kyoto Carbon Fund will provide incentives for other activities, including revegetation and soil carbon projects. Australia will continue working to develop new international rules that recognise a wider range of action on the land to reduce pollution.

## How can buyers be sure carbon credits represent real emissions reductions?

Offset projects established under the CFI will need to use methodologies approved by the Government.

An independent expert committee, the Domestic Offsets Integrity Committee, will assess methodologies and give advice to the Government on their approval, ensuring they lead to real and measurable emissions reductions.

The CFI legislation also includes measures to minimise fraud and dishonest conduct and ensure that consumers can have confidence that credits are genuine.

These include crediting only after emissions reductions have occurred, a test to ensure project developers are 'fit and proper' persons, issuing and tracking credits in a central national registry, requirements for project information to be published, appropriate enforcement provisions to address non-compliance, and regulation of the issuance, transfer and retirement of credits as financial products.

## Practical examples

Practical examples of CFI projects could include:

- The frequency and severity of savanna fires can be reduced by carrying out controlled burning earlier in the dry season, when there is less fuel on the ground. This will lead to reduced greenhouse gas emissions in the savannas of Australia's tropical north. Such activity has biodiversity benefits and will provide new employment and economic opportunities for Indigenous Australians.
- Manure management could enable farmers to reduce emissions from intensive livestock such as piggeries. The emissions can be captured and flared or used to produce heat and electricity.
- Some farmers may have the opportunity to reduce the amount of nitrogen fertiliser they use, while still maintaining optimal crop production. This could lead to a reduction in nitrous oxide emissions from their land and generate carbon credits under the CFI. Reductions in nitrous oxide can be achieved by synchronising the application of fertilisers with plant needs and the use of nitrogen inhibitors.
- Activities that improve productivity in the beef and dairy industries can also reduce methane emissions from the animals. For example, optimising cattle breeding and stocking rates, faster turn-off of sale cattle and improvements to diet quality in beef and dairy systems, can lead to significant reductions in methane emissions. Farmers may have the opportunity to gain productivity and abatement benefits simultaneously.
- Landfill operators have the opportunity to reduce greenhouse gas emissions and generate carbon credits through changes to landfill gas management. Landfill gas can be captured, preventing the release of greenhouse gasses into the atmosphere. The captured methane can be flared or used to produce electricity.
- Land managers may increase the amount of carbon stored on their land through vegetation. Revegetation along waterways for example can improve water quality and have biodiversity benefits. Integrating trees into agricultural systems can protect soils, prevent erosion, and provide biodiversity habitat, as well as protect livestock from wind and heat, potentially increasing survival rates and increasing milk, wool and meat production.

## Supporting participation in the CFI

Over \$1.7 billion of carbon revenues will be invested in the land sector, through an integrated and comprehensive package as part of the Clean Energy Future plan. These measures will complement the CFI and encourage participation. The government will invest in new and innovative ways for Australian land managers to reduce carbon pollution and improve productivity. Funding will be available for extension services so land managers have information about CFI opportunities. In addition, grants will be available for land managers to demonstrate and test these new abatement techniques on their farms. Indigenous Australians' participation in the CFI will get a boost, through new methodologies and outreach tailored to their needs.

Almost \$1 billion will also be available to deliver biodiversity and environmental co-benefits, ensuring that CFI and other projects deliver protection and enhancement of Australia's natural resources. This will be complemented by support to enhance regional NRM plans with up to date climate science, and provide guidance to land managers on the type and location of CFI projects so they deliver maximum social and environmental benefits. .

## Further Information

For further information on the CFI go to [www.climatechange.gov.au/cfi](http://www.climatechange.gov.au/cfi).

For further information go to the Clean Energy Future website at [www.cleanenergyfuture.gov.au/](http://www.cleanenergyfuture.gov.au/) or call 1800 057 590.





Australian Government



## FACT SHEET

# Transport fuels

Households, on-road business use of light vehicles and the agriculture, forestry and fishery industries will not face a carbon price on the fuel they use for transport.

Some businesses which effectively pay no fuel excise will face an effective carbon price, through changes to the current fuel tax regime.

Heavy on-road vehicles will not face a carbon price from the commencement of the scheme. The Government intends to apply a carbon price on heavy on-road vehicles from 1 July 2014, but notes this measure was not agreed to by all members of the Multi-Party Climate Change Committee.

## On-road use by households and light commercial vehicles

Households and on-road commercial vehicles 4.5 tonnes and under currently pay the full rate of excise. They will continue to pay excise under current arrangements but will not also pay a carbon price on top of this.

## Off-road business use

Some businesses effectively pay no excise on the fuel they use off-road, as their excise is offset under the fuel tax credits scheme. An effective carbon price will be imposed on some businesses through reduced fuel tax credit entitlements and reductions to the automatic remission of excise on gaseous fuel used for non-transport purposes.

The current fuel tax regime provides fuel tax credits that remove or reduce the incidence of fuel tax from business inputs so that fuel tax falls primarily on non-business consumers and light commercial vehicles. By reducing existing fuel tax credits by an amount equal to the carbon price, the Government will impose an effective carbon price on businesses liquid and gaseous fuel emissions through the existing fuel tax regime.

Fuel tax credits will not be reduced for the **agriculture, forestry and fishery** industries. Therefore, these industries will not pay an effective carbon price. The fuel tax credits will remain at 100 per cent of the effective fuel tax for these industries.

## Calculating the fuel tax credit reductions

As different fuels emit different amounts of carbon when they burn, the fuel tax credit changes for petrol and diesel will be determined according to their specific level of emissions. Fuel tax credit changes for liquid fossil fuels other than petrol and diesel will be based on the diesel emission rate. Fuel tax credits changes for gaseous

fuels (such as Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG) and Compressed Natural Gas (CNG)) will reflect the effective carbon price, based on their specific emission rates.

Fuel tax credits for businesses will be reduced for fuels acquired after 1 Jul 2012 by the amount of the fixed carbon price as set at the beginning of each of the fixed price years from 2012-13 to 2014-15.

When Australia moves to an emissions trading scheme in 2015-16, the fuel tax credit changes will be determined on a six-monthly basis, based on the average carbon price over the previous six-months.

Table 1 lists the relevant fuel tax credit reductions per fuel type over the three year transitional assistance period. Figures are in cents per litre except for CNG and LNG which are in cents per kilogram.

**Table 1: Fuel tax credit reductions**

| Fuel                                 | 2012-13 | 2013-14 | 2014-15 |
|--------------------------------------|---------|---------|---------|
| <b>Petrol</b>                        | 5.52    | 5.796   | 6.096   |
| <b>Diesel and other liquid fuels</b> | 6.21    | 6.521   | 6.858   |
| <b>LPG</b>                           | 3.68    | 3.864   | 4.064   |
| <b>LNG &amp; CNG</b>                 | 6.67    | 7.004   | 7.366   |

## On-road business use: heavy vehicles

Heavy on-road vehicles (over 4.5 tonne gross vehicle mass) will not face a carbon price from the commencement of the scheme. The Government intends to apply a carbon price on heavy on-road vehicles from 1 July 2014, but notes this measure was not agreed to by all members of the Multi-Party Climate Change Committee.

Gaseous fuels such as LPG, LNG and CNG used for on-road transport will not be subject to an effective carbon price as their eligibility for a fuel tax credit is reduced to zero due to the Road User Charge.

## Non-transport use of gaseous fuels

Non-transport LPG and LNG receive a remission, and non-transport CNG receives an exemption from the excise and excise equivalent customs duty imposed on gaseous fuels so that effective tax only falls on gaseous fuels for transport use.

To ensure consistent coverage of non-transport use of gaseous fuels, such as emissions from bottled LPG and reticulated gas, an effective carbon price will apply through a reduction in the automatic remission or exemption of excise.

Under the Government's plan for a clean energy future, the fuel tax remission or exemption for the non-transport LPG, LNG and CNG will be adjusted on a 'cent-for-cent' basis equivalent to the carbon content price on the fuels, had the gaseous fuels been subject to carbon pricing.

## Aviation, marine and rail transport

As aviation fuels do not receive fuel tax credits, domestic aviation fuel excise will be increased by an amount equivalent to the carbon price on an annual basis over the fixed price period to provide an effective carbon price for aviation. From 1 July 2015, aviation excise will be increased on a six-monthly basis, based on the average carbon price over the previous six months. International aviation fuel use is not subject to fuel tax and will therefore not be subject to an effective carbon price.

**Table 2 Carbon price impact on aviation fuel, cents per litre**

|  | 2012-13 | 2013-14 | 2014-15 |
|--|---------|---------|---------|
| Carbon price (\$/tonne CO <sub>2</sub> -e) | 23.00   | 24.15   | 25.4    |
| Aviation kerosene                          | 5.98    | 6.279   | 6.604   |
| Aviation gasoline                          | 5.06    | 5.313   | 5.588   |

Note: impact based on emissions of the fuel only, does not include impact from other refining based emissions or energy costs.

The current rate of excise on aviation (both aviation kerosene and aviation gasoline) is 3.556 cents per litre. Over the period the excise rate for aviation kerosene would rise by 6.604 cents per litre to **10.16 cents per litre** in 2014-15, and the excise rate for aviation gasoline would rise by 5.588 cents per litre to **9.144 cents per litre**. The vast majority of fuel used in aviation is aviation kerosene.

Marine and rail transport effectively pay no excise on the fuel they use, as their excise is offset under the fuel tax credits scheme. The Carbon Pricing Mechanism will impose an effective carbon price on those activities through reduced fuel tax credit entitlements in the same way that it applies to off-road business use.

## Other fuels

Due to their zero-rating for carbon emissions, renewable fuels such as ethanol, biodiesel and renewable diesel will not be subject to a carbon price. Similarly, non-combustion fuels such as solvents and lubricants will not face a carbon price.

## Supporting new fuel efficient vehicles

A new wave of vehicles are becoming available that are cleaner and cheaper to run. Under new standards being introduced from 2015, all car companies will be required to reduce emission levels from vehicles they sell by introducing better technologies and adjusting the range of models they sell in Australia.

The Government is working with the automotive industry to set the emission levels that will apply under the new standards. In addition to helping make a reduction to Australia's carbon pollution from transport, this initiative will deliver real cost savings for motorists through improved fuel efficiency in new vehicles.

The Green Vehicle Guide and the Fuel Consumption Label are two other initiatives supporting Australians to make better informed decisions and help consumers choose vehicles that use less fuel and have lower emissions.

## Cutting transport emissions

The Government is also working to cut pollution by improving our transport systems. Since late 2007, the Government has committed over \$7.3 billion to modernise and extend urban passenger rail infrastructure to provide genuine alternatives to private car travel.

The \$60 million national smart managed motorways trial will help improve congestion, lower pollution, and expand the capacity of existing road infrastructure networks. Managed motorways use new technologies to create a more consistent level of motorway performance, resulting in lower greenhouse gas emissions.

The Government will continue working with the aviation industry to reduce its emissions.



## **1.2 AUSTRALIAN PACKING COVENANT PROJECT FUNDING**

**REFERENCE: COMMITTEES-13336**

### **PURPOSE OF REPORT**

The purpose of the report is to advise Council that the EMRC has been awarded a grant of \$142,100 (inc. GST) by the Australian Packaging Covenant (APC).

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

- Advice has been received that the application for a grant from the APC has been approved.
- The value of the grant, to acquire plant and equipment to bale cardboard at transfer stations as and when required is \$142,100 (inc. GST).

### **SOURCE OF REPORT**

Director Waste Services

### **BACKGROUND**

Cardboard recycling at the Shire of Mundaring's Coppin Road Transfer Station was introduced shortly after the EMRC took over the management of the site and had grown to such an extent that the contractor engaged to remove it was overwhelmed and unable to cope.

Since Coppin Road did not have mains electricity, nor sufficient space to set up cardboard baling equipment nor sufficient cardboard to warrant investing in a cardboard baler to be permanently based at Coppin Road an application for a grant to purchase plant and equipment and mount them on a trailer was submitted to APC prior to the 30 June 2011 deadline.

### **REPORT**

The grant application was based on purchasing a cardboard baler, a generator to power the baler, a small loader to feed the cardboard into the baler and to fabricate a trailer on which the baler and generator would be fixed and onto which the loader would be driven so that the equipment could be taken from site to site. In addition the grant application sought funds for the acquisition of 40m<sup>3</sup> bins into which the cardboard would be collected pending baling.

The current arrangement with cardboard being dropped off and then carted loose to the cardboard recyclers is inefficient. Whilst there were savings in respect to landfill disposal charges avoided the income received for the cardboard does not cover the cost of transporting the cardboard from the transfer stations to the recyclers.

Baling the cardboard into bales that can be stored at the transfer stations until there are sufficient to warrant a trip would ensure fewer trips and that the cost of the trip would be covered by the income received for the cardboard.

The smaller loader is required as hand loading the baler would also be inefficient and uneconomic.

Being able to transport the baler etc. from site to site would allow a number of sites to be serviced and it will be possible to expand the range of products being collected to include cans and plastic bottles that might be delivered as part of the Container Deposit Legislation if the bill, currently before the State Parliament, is enacted.



*Item 1.2 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

### **Key Result Area 1 – Environmental Sustainability**

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.3 To provide resource recovery and recycling solutions in partnership with member Councils

### **Key Result Area 4: Good Governance:**

- 4.1 To improve member Council and EMRC financial viability.

## **FINANCIAL IMPLICATIONS**

The grant was not identified in the 2011/2012 Budget as no application had been submitted when the Draft Budget was being developed and no indication had been given that the grant would be awarded when the 2011/2012 Budget was adopted.

It is anticipated that the funds would be received and expended this financial year.

## **SUSTAINABILITY IMPLICATIONS**

The grant will improve the sustainability of the recycling operations being undertaken at transfer stations in the Region

## **MEMBER COUNCIL IMPLICATIONS**

| <b>Member Council</b>  | <b>Implication Details</b>   |
|--|--|
| Town of Bassendean<br>City of Bayswater<br>City of Belmont<br>Shire of Kalamunda<br>Shire of Mundaring<br>City of Swan | Each of the member Councils having a need for baling could utilise the equipment but the Shire of Mundaring and Shire of Kalamunda would derive most benefit from the equipment. |

## **ATTACHMENT(S)**

Nil



### 1.3 REGIONAL FUNDING PROGRAM

**REFERENCE: COMMITTEES-13340**

#### PURPOSE OF REPORT

The purpose of the report is to advise Council of the status of the Regional Funding program and to seek proposals on utilising the funds when they become available.

#### KEY ISSUE(S)

- The Minister for Environment and Water has resolved that the ongoing funding for local governments' Strategic Waste Management Plan implementation will be on a regional basis and requires local governments to indicate which regional grouping they wish to join.
- Each of the member Councils have indicated they will join the Eastern Metropolitan Regional Group.
- The City of Stirling has also indicated they will join with the Eastern Metropolitan Regional Group.
- Based on there being 7 local governments and a population size of 500,000 being served by those local governments the notional allocation of funds for Phase 1 is \$384,000.
- Phase 2 funding will be on a competitive bidding process with funds allocated based on alignment with the State Waste Strategy currently being developed, the principles and objectives of the Regional Funding Programme and demonstrated value for money.

#### SOURCE OF REPORT

Director Waste Services

#### BACKGROUND

Council was advised that the Minister for Environment and Water had announced funding was to be made available to local governments joining together on a regional basis, through a Regional Funding Programme at the meeting held in August 2011 and resolved that:

- "2. MEMBER COUNCILS BE REQUESTED TO CONFIRM THE EMRC IS TO BE THE ENTITY REPRESENTING THE MEMBER COUNCILS IN REGARDS TO THE REGIONAL FUNDING PROGRAMME.
3. THE CITY OF STIRLING BE INVITED TO JOIN WITH THE MEMBER COUNCILS IN THE REGIONAL FUNDING PROGRAMME CONDITIONAL UPON WRITTEN AGREEMENT TO UNDERTAKE A PROJECT OR PROJECTS THAT BENEFIT BOTH THE CITY OF STIRLING AND THE EMRC."

Letters were written to each of the member Councils and to the City of Stirling.

#### REPORT

Each of the member Councils and the City of Stirling have confirmed they wished to participate in a regional grouping with the EMRC as the lead entity.

The Department of Environment and Conservation has been advised of the composition of the regional grouping and has advised that, based on there being 7 local governments in the group serving a population in the order of 500,000 the notional funding allocation will be \$384,000.



*Item 1.3 continued*

Some of the funds are allocated for a review of the Strategic Waste Management Plan, adopted by Council at the December 2008 meeting, so as to take into account those items that have been undertaken and accommodate those new programmes that may be required to align with the soon to be released State Waste Strategy. Member Council officers will be contacted to garner their ideas for regional programmes.

It is anticipated that some of the funding will be allocated to projects that mitigate the impact of the Carbon Price, to fund preliminary feasibility studies and/or business planning for the Hazelmere Resource Recovery Park, and to undertake waste projects that EMRC and member Council officers identify as having a regional application. A further report will be provided to Council once the projects have been identified and further developed.

## **STRATEGIC/POLICY IMPLICATIONS**

The Regional Funding Programme funds will be used to implement projects identified in the Strategic Waste Management Plan that satisfied the Key Result Areas.

### **Key Result Area 1 – Environmental Sustainability**

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.3 To provide resource recovery and recycling solutions in partnership with member Councils
- 1.4 To investigate leading edge waste management practices


## **FINANCIAL IMPLICATIONS**

The additional funds have not been included in the 2011/2012 Budget and though some Strategic Waste Management Plan activities are planned the additional revenue will enable more actions to be undertaken.

## **SUSTAINABILITY IMPLICATIONS**

The sustainability implications of waste operations will be improved by undertaking additional waste diversion actions.

## **MEMBER COUNCIL IMPLICATIONS**

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

## **ATTACHMENT(S)**

Nil



## **1.4 COUNCIL TONNAGE COMPARISONS AS AT 30 SEPTEMBER 2011**

**REFERENCE: COMMITTEES-13339**

### **PURPOSE OF REPORT**

The purpose of this report is to provide Council with year to date tonnages and quantities at the Red Hill Waste Management Facility and Hazelmere Recycling Facility for the period 1 July 2011 to 30 September 2011.

### **REPORT**

Attachment 1 to this report indicates that member Council tonnages totalling 36,364.75 were received during the period 1 July 2011 to 30 September 2011 compared to 36,407.23 tonnes received during the same period in 2010/2011.

The WMRC tonnages for year to date 30 September 2011 does not include any commercial waste that the WMRC is now sending to Millar Road landfill (City of Rockingham).

Attachment 2 outlines "other" waste that was received being 53,944.63 tonnes together with combined cumulative tonnages for the period totalling 90,309.38 tonnes. The 2010/2011 tonnages of 34,230.80 and 70,638.03 respectively for the same period are also provided for comparison purposes.

Attachment 3 outlines the tonnages of various materials that have been exported from the site during the reporting period.

Attachment 4 outlines the tonnages and quantities of waste timber, wood chip/fines and mattresses at Hazelmere Recycling Facility.

### **ATTACHMENT(S)**

1. Council Tonnages - 1 July 2011 to 30 September 2011 (Ref: Committees-13345)
2. Other Tonnages - 1 July 2011 to 30 September 2011 (Ref: Committees-13346)
3. Tonnages Exported from Red Hill - 1 July 2011 to 30 September 2011 (Ref: Committees-13347)
4. Tonnages and quantities at Hazelmere Recycling Facility 1 July 2011 to 30 September 2011 (Ref: Committees-13348)



| EASTERN METROPOLITAN REGIONAL COUNCIL  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
|--|----------|----------------------|------------|----------|------------|----------|------------|-----------|------------|----------|------------|----------|------------|
| 2011/2012 YTD COUNCIL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| Page 1 of 1  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| Week Ending  | Waste    | Bayswater Greenwaste | Uncont G/W | Waste    | Uncont G/W | Waste    | Uncont G/W | Waste     | Uncont G/W | Waste    | Uncont G/W | Waste    | Greenwaste |
| 05-Jul-11  | 250.14   | 47.04                | 0.00       | 122.66   | 0.00       | 53.04    | 0.00       | 394.26    | 0.00       | 244.20   | 4.40       | 194.68   | 0.00       |
| 12-Jul-11  | 517.18   | 55.84                | 0.00       | 229.94   | 0.00       | 97.28    | 0.00       | 640.54    | 0.00       | 330.08   | 4.60       | 244.36   | 0.00       |
| 19-Jul-11  | 451.36   | 80.78                | 0.00       | 213.56   | 44.28      | 94.22    | 0.00       | 667.10    | 0.00       | 349.02   | 7.00       | 265.42   | 0.00       |
| 26-Jul-11  | 489.58   | 71.76                | 0.00       | 251.08   | 0.00       | 106.16   | 0.00       | 731.16    | 0.00       | 352.36   | 6.10       | 268.06   | 0.00       |
| 31-Jul-11  | 359.91   | 62.68                | 0.00       | 149.78   | 0.00       | 58.96    | 0.00       | 414.26    | 0.00       | 147.50   | 0.00       | 152.04   | 0.00       |
| 09-Aug-11  | 659.49   | 107.56               | 0.00       | 324.34   | 0.00       | 150.16   | 0.00       | 1038.64   | 0.00       | 544.78   | 1.70       | 390.56   | 0.00       |
| 16-Aug-11  | 639.10   | 119.98               | 0.00       | 248.16   | 0.00       | 110.40   | 0.00       | 734.90    | 0.00       | 375.32   | 0.00       | 287.28   | 0.00       |
| 23-Aug-11  | 458.13   | 101.94               | 0.00       | 258.38   | 0.00       | 109.32   | 0.00       | 751.28    | 0.00       | 381.72   | 3.84       | 275.34   | 0.00       |
| 31-Aug-11  | 645.20   | 153.20               | 0.00       | 306.34   | 0.00       | 133.02   | 0.00       | 919.70    | 0.00       | 546.58   | 114.20     | 320.52   | 0.00       |
| 6-Sep-11   | 386.49   | 88.14                | 0.00       | 202.34   | 0.00       | 89.30    | 0.00       | 586.88    | 0.00       | 394.50   | 181.74     | 220.18   | 0.00       |
| 13-Sep-11  | 541.72   | 135.28               | 0.00       | 260.20   | 0.00       | 108.16   | 0.00       | 752.60    | 0.00       | 510.30   | 147.16     | 278.14   | 0.00       |
| 20-Sep-11  | 627.13   | 106.76               | 0.00       | 250.18   | 0.00       | 110.24   | 0.00       | 751.10    | 0.00       | 474.08   | 75.48      | 266.34   | 0.00       |
| 27-Sep-11  | 568.83   | 133.26               | 0.00       | 250.50   | 0.00       | 116.82   | 0.00       | 753.38    | 0.00       | 514.78   | 226.00     | 284.50   | 0.00       |
| 30-Sep-11  | 310.39   | 53.88                | 0.00       | 162.60   | 0.00       | 64.08    | 0.00       | 444.16    | 0.00       | 186.52   | 33.98      | 238.60   | 40.66      |
| 04-Oct-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 11-Oct-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 18-Oct-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 25-Oct-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 31-Oct-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 08-Nov-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 15-Nov-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 22-Nov-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 30-Nov-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 06-Dec-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 13-Dec-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 20-Dec-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 27-Dec-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| 31-Dec-11  |          |                      |            |          |            |          |            |           |            |          |            |          |            |
| Year to Date   | 6,904.65 | 1,318.10             | -          | 3,230.06 | 44.28      | 1,401.16 | -          | 9,579.96  | -          | 5,351.74 | 806.20     | 3,686.02 | 40.66      |
| 30-Sep-11  |          | 8,222.75             |            | 3,274.34 |            | 1,401.16 |            | 9,579.96  |            | 6,157.94 |            | 3,726.68 |            |
| Year to date   | 6,352.39 | 1,185.84             | 0.00       | 4,123.99 | 28.86      | 1,361.66 | 0.00       | 9,137.82  | 1,134.54   | 5,082.56 | 808.00     | 3,566.23 | 0.00       |
| as at 30-Sep-10  |          | 7,538.23             |            | 4,152.85 |            | 1,361.66 |            | 10,272.36 |            | 5,890.56 |            | 3,566.23 |            |

| EASTERN METROPOLITAN REGIONAL COUNCIL   |                  |                        |                       |                                       |                                      |                   |                          |             |                                  |
|---|------------------|------------------------|-----------------------|---------------------------------------|--------------------------------------|-------------------|--------------------------|-------------|----------------------------------|
| 2011/2012 YTD OTHER TONNAGES & TOTAL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY |                  |                        |                       |                                       |                                      |                   |                          |             | Page 1 of 1                      |
| Week Ending   | Transfer Station | Class III Contaminated | Class IV Contaminated | Uncontaminated Greenwaste Transfer St | Uncontaminated Greenwaste Commercial | Other Commercials | Non Member Council Waste | Total Other | Total Tonnages (Council & Other) |
| 05-Jul-11   | 95.36            | 25.90                  | 0.00                  | 8.84                                  | 8.12                                 | 1401.18           | 323.10                   | 1862.50     | 3,380.24                         |
| 12-Jul-11   | 101.56           | 93.62                  | 0.24                  | 18.98                                 | 20.66                                | 2096.06           | 562.31                   | 2893.43     | 5,278.47                         |
| 19-Jul-11   | 107.78           | 126.56                 | 10.64                 | 19.90                                 | 39.44                                | 2137.02           | 551.94                   | 2993.28     | 5,425.34                         |
| 26-Jul-11   | 117.60           | 0.00                   | 89.62                 | 18.92                                 | 15.74                                | 2024.78           | 1173.86                  | 3440.52     | 6,008.54                         |
| 31-Jul-11   | 72.12            | 80.28                  | 0.00                  | 9.38                                  | 11.12                                | 1252.10           | 904.06                   | 2329.06     | 3,804.77                         |
| 09-Aug-11   | 147.04           | 8.92                   | 0.00                  | 27.24                                 | 33.86                                | 2995.78           | 2681.44                  | 5894.28     | 9,390.49                         |
| 16-Aug-11   | 112.32           | 13.58                  | 0.00                  | 17.44                                 | 19.84                                | 2185.86           | 2109.20                  | 4458.24     | 7,122.36                         |
| 23-Aug-11   | 130.26           | 17.04                  | 0.00                  | 21.14                                 | 11.40                                | 2500.44           | 1834.24                  | 4514.52     | 6,980.67                         |
| 31-Aug-11   | 144.70           | 104.64                 | 486.86                | 22.98                                 | 36.90                                | 2833.96           | 2284.72                  | 5914.76     | 9,218.04                         |
| 6-Sep-11  | 105.66           | 55.58                  | 0.00                  | 15.30                                 | 11.80                                | 1934.26           | 1748.91                  | 3871.51     | 6,333.12                         |
| 13-Sep-11   | 133.84           | 112.18                 | 0.00                  | 25.98                                 | 17.48                                | 2261.56           | 2173.60                  | 4724.64     | 7,851.32                         |
| 20-Sep-11   | 144.20           | 0.00                   | 0.00                  | 18.04                                 | 20.18                                | 2238.30           | 2226.19                  | 4646.91     | 7,991.72                         |
| 27-Sep-11   | 99.38            | 199.96                 | 0.00                  | 21.64                                 | 34.38                                | 2066.50           | 1903.96                  | 4325.82     | 7,684.25                         |
| 30-Sep-11   | 38.18            | 23.50                  | 0.00                  | 8.12                                  | 7.86                                 | 1081.60           | 915.90                   | 2075.16     | 3,840.05                         |
| 04-Oct-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 11-Oct-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 18-Oct-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 25-Oct-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 31-Oct-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 08-Nov-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 15-Nov-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 22-Nov-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 30-Nov-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 06-Dec-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 13-Dec-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 20-Dec-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 27-Dec-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| 31-Dec-11   |                  |                        |                       |                                       |                                      |                   |                          | 0.00        | 0.00                             |
| Year to date 30-Sep-11  | 1,550.00         | 861.76                 | 587.36                | 253.90                                | 288.78                               | 29,009.40         | 21,393.43                | 53,944.63   | 90,309.38                        |
| Year to date as at 30-Sep-10  | 1,687.44         | 286.32                 | 0.00                  | 254.96                                | 301.12                               | 31,700.96         | 0.00                     | 34,230.80   | 70,638.03                        |

Attachment 2 to TAC/Council IB 17 November/8 December 2011 Item 1.4

| EASTERN METROPOLITAN REGIONAL COUNCIL                                   |      |            |               |                   |          |        |                      | Page 1 of 1 |
|---|------|------------|---------------|-------------------|----------|--------|----------------------|-------------|
| 2011/2012 YTD TONNAGES EXPORTED FROM RED HILL WASTE MANAGEMENT FACILITY |      |            |               |                   |          |        |                      |             |
| Week Ending   | Clay | Ferricrete | Laterite Rock | Recycled Material | Mulch    | Soil   | Lime Amended BioClay | Total       |
| 05-Jul-11   | 0.00 | 283.90     | 0.00          | 18.34             | 89.08    | 11.74  | 0.00                 | 403.06      |
| 12-Jul-11   | 0.00 | 87.70      | 0.00          | 15.36             | 159.46   | 8.48   | 0.00                 | 271.00      |
| 19-Jul-11   | 0.00 | 121.78     | 0.00          | 9.36              | 79.96    | 39.46  | 0.00                 | 250.56      |
| 26-Jul-11   | 0.00 | 57.82      | 0.00          | 18.26             | 121.58   | 52.30  | 0.00                 | 249.96      |
| 31-Jul-11   | 0.00 | 0.00       | 0.00          | 9.62              | 24.72    | 19.78  | 0.00                 | 54.12       |
| 09-Aug-11   | 0.00 | 202.60     | 0.00          | 20.30             | 24.94    | 8.44   | 0.00                 | 256.28      |
| 16-Aug-11   | 0.00 | 122.42     | 0.00          | 2.68              | 104.09   | 42.32  | 0.00                 | 271.51      |
| 23-Aug-11   | 0.00 | 0.00       | 0.00          | 5.02              | 38.48    | 33.52  | 0.00                 | 77.02       |
| 31-Aug-11   | 0.00 | 34.80      | 0.00          | 15.32             | 82.26    | 63.30  | 0.00                 | 195.68      |
| 6-Sep-11  | 0.00 | 201.10     | 0.00          | 16.30             | 33.16    | 39.46  | 0.00                 | 290.02      |
| 13-Sep-11   | 0.00 | 165.22     | 0.00          | 3.70              | 74.78    | 18.62  | 0.00                 | 262.32      |
| 20-Sep-11   | 0.00 | 69.20      | 0.00          | 7.64              | 63.00    | 70.72  | 0.00                 | 210.56      |
| 27-Sep-11   | 0.00 | 85.00      | 0.00          | 19.92             | 93.02    | 125.46 | 0.00                 | 323.40      |
| 30-Sep-11   | 0.00 | 173.76     | 0.00          | 9.36              | 990.28   | 22.58  | 0.00                 | 1195.98     |
| 04-Oct-11   |      |            |               |                   |          |        |                      | 0.00        |
| 11-Oct-11   |      |            |               |                   |          |        |                      | 0.00        |
| 18-Oct-11   |      |            |               |                   |          |        |                      | 0.00        |
| 25-Oct-11   |      |            |               |                   |          |        |                      | 0.00        |
| 31-Oct-11   |      |            |               |                   |          |        |                      | 0.00        |
| 08-Nov-11   |      |            |               |                   |          |        |                      | 0.00        |
| 15-Nov-11   |      |            |               |                   |          |        |                      | 0.00        |
| 22-Nov-11   |      |            |               |                   |          |        |                      | 0.00        |
| 30-Nov-11   |      |            |               |                   |          |        |                      | 0.00        |
| 06-Dec-11   |      |            |               |                   |          |        |                      | 0.00        |
| 13-Dec-11   |      |            |               |                   |          |        |                      | 0.00        |
| 20-Dec-11   |      |            |               |                   |          |        |                      | 0.00        |
| 27-Dec-11   |      |            |               |                   |          |        |                      | 0.00        |
| 31-Dec-11   |      |            |               |                   |          |        |                      | 0.00        |
| Year to date 30-Sep-11  | 0.00 | 1,605.30   | 0.00          | 171.18            | 1,978.81 | 556.18 | 0.00                 | 4,311.47    |
| Year to date as at 30-Sep-10  | 0.00 | 657.18     | 0.00          | 124.41            | 1,426.08 | 425.06 | 0.00                 | 2,632.73    |

## EASTERN METROPOLITAN REGIONAL COUNCIL

## 2011/2012 YTD COUNCIL TONNAGES DISPOSED OF AT RED HILL WASTE MANAGEMENT FACILITY

Page 1 of 1

| Week Ending                     | Timber Recycling      |                           | Recycled Mattresses |  |  |  |  |
|---------------------------------|-----------------------|---------------------------|---------------------|--|--|--|--|
|                                 | Incoming Waste Timber | Sale of wood chip / fines |                     |  |  |  |  |
|                                 | Tonne                 | Tonne                     | Number              |  |  |  |  |
| 05-Jul-11                       | 131.04                |                           | 179                 |  |  |  |  |
| 12-Jul-11                       | 211.66                | 265.40                    | 822                 |  |  |  |  |
| 19-Jul-11                       | 216.07                | 248.15                    | 301                 |  |  |  |  |
| 26-Jul-11                       | 209.54                | 327.95                    | 428                 |  |  |  |  |
| 31-Jul-11                       | 105.50                | 115.00                    | 225                 |  |  |  |  |
| 09-Aug-11                       | 292.49                | 504.70                    | 511                 |  |  |  |  |
| 16-Aug-11                       | 198.50                | 222.95                    | 333                 |  |  |  |  |
| 23-Aug-11                       | 197.06                | 398.85                    | 302                 |  |  |  |  |
| 31-Aug-11                       | 265.72                | 255.55                    | 369                 |  |  |  |  |
| 6-Sep-11                        | 157.68                | 145.00                    | 243                 |  |  |  |  |
| 13-Sep-11                       | 237.96                | 313.80                    | 326                 |  |  |  |  |
| 20-Sep-11                       | 211.94                | 287.26                    | 333                 |  |  |  |  |
| 27-Sep-11                       | 240.95                | 386.30                    | 281                 |  |  |  |  |
| 30-Sep-11                       | 124.16                | 337.25                    | 171                 |  |  |  |  |
| 04-Oct-11                       |                       |                           |                     |  |  |  |  |
| 11-Oct-11                       |                       |                           |                     |  |  |  |  |
| 18-Oct-11                       |                       |                           |                     |  |  |  |  |
| 25-Oct-11                       |                       |                           |                     |  |  |  |  |
| 31-Oct-11                       |                       |                           |                     |  |  |  |  |
| 08-Nov-11                       |                       |                           |                     |  |  |  |  |
| 15-Nov-11                       |                       |                           |                     |  |  |  |  |
| 22-Nov-11                       |                       |                           |                     |  |  |  |  |
| 30-Nov-11                       |                       |                           |                     |  |  |  |  |
| 06-Dec-11                       |                       |                           |                     |  |  |  |  |
| 13-Dec-11                       |                       |                           |                     |  |  |  |  |
| 20-Dec-11                       |                       |                           |                     |  |  |  |  |
| 27-Dec-11                       |                       |                           |                     |  |  |  |  |
| 31-Dec-11                       |                       |                           |                     |  |  |  |  |
| Year to Date<br>30-Sep-11       | 2,800.27              | 3,808.16                  | 4,824               |  |  |  |  |
| Year to date<br>as at 30-Sep-10 | 2,096.46              | 1,685.10                  | 3,459               |  |  |  |  |



## **2 CORPORATE SERVICES**

### **2.1 UPDATE ON TAKING ORDER BY MAIN ROADS FOR GREAT EASTERN HIGHWAY EXPANSION**

**REFERENCE: COMMITTEES-13469**

#### **PURPOSE OF REPORT**

The purpose of this report is to provide an update to Council on the Taking Order by Main Roads for the activities on the Great Eastern Highway expansion.

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

- The upgrade of the Great Eastern Highway dual carriageway from four to six lanes from Kooyong Road to Tonkin Highway is currently in progress.
- A Taking Order to facilitate the resumption of 779m<sup>2</sup> of land from Lots 62 and 603 was lodged by Main Roads on 25 November 2010.
- EMRC's Claim for Compensation was lodged with Main Roads on 24 May 2011.

#### **SOURCE OF REPORT**

Chief Executive Officer  
Manager Administration & Compliance

#### **BACKGROUND**

City East Alliance (CEA), comprising Leighton Contractors, GHD and NRW, was selected by Main Roads to design and construct the Great Eastern Highway upgrade between Kooyong Road and Tonkin Highway.

The project will see a 4.2 kilometre section of the route widened from four to six lanes, with a central median, on-road cycling facilities and a continuous pedestrian path. Construction in sections commenced in July 2011 and the project is scheduled for completion by December 2013.

In order to complete these improvements, land is being acquired with modified access to some side roads and individual properties along the highway. While most of the land required for the widening has been reserved under the Metropolitan Region Scheme, some of the land essential to the expansion is still being acquired by the Western Australian Government.

In November 2010 the Minister for Transport, through Main Roads issued EMRC with a Taking Order for 779m<sup>2</sup> of land on Lots 62 and 603 in accordance with the Land Administration Act 1997, an extract of which was published in the West Australian. The purpose of the Taking Order was to facilitate an upgrade of the existing Great Eastern Highway dual carriageway. Taking Orders were also issued to fifteen other Principal Proprietors or reputed Principal Proprietors.

Since its appointment, City East Alliance (CEA) has taken over the discussions on behalf of Main Roads. EMRC officers have been working with CEA on the project, raising questions and concerns so as to minimise the impact of the Taking Order on the use of the remaining land. The Taking Order will result in some car bays at the front of the building being shifted. While it is anticipated that there will not be any reduction in the number of car bays, the Taking Order will nonetheless result in remarking of the car bays.



*Item 2.1 continued*

The EMRC submitted a claim for compensation to Main Roads in response to the Taking Order for the 779m<sup>2</sup> of land from Lots 62 and 603. The EMRC engaged Jones Lang LaSalle to conduct a valuation of the land subject to the Taking Order. This valuation assessed the land at \$1,000 per square metre of land area which equates to a value of \$779,000. Accordingly EMRC's Claim for Compensation was submitted for a value of \$780,000.

The CEO and the Manager, Administration & Compliance met with Main Roads on Thursday 25 August 2011 and were presented with two valuations which Main Roads obtained from consultants McGees Property and Pember Wilson & Eftos (P.W.E). Both of the valuations were less than the EMRC valuation received by Jones Lang LaSalle with the lowest being \$900 per square metre.

This matter was previously reported to Council at its meeting of 22 September 2011 where it was resolved interalia that:

- "1. THE CEO BE AUTHORISED BY ABSOLUTE MAJORITY TO NEGOTIATE AND AGREE UPON A CLAIM FOR COMPENSATION FOR THE MAIN ROADS TAKING ORDER ON LOT 62 & LOT 603 GREAT EASTERN HIGHWAY, ASCOT."*

## **REPORT**

Since the meeting EMRC received a letter dated 31 October 2011 from Main Roads with an Offer of Compensation. The Offer of Compensation was a Formal Offer in accordance with the provisions of the Land Administration Act 1997. The offer valued the land at approximately \$976 per square metre which was deemed to be fair compensation and consequently accepted in accordance with the above delegated authority. It is intended that the proceeds will be utilised to repay the Secondary Waste Reserve which funded the purchase of the land in October 2008.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 4 – Good Governance

- 4.1 To improve member Council and EMRC financial viability
- 4.4 To manage partnerships and relationships with stakeholders
- 4.6 To provide responsible and accountable governance and management of the EMRC
- 4.7 To continue to improve financial and asset management practices

## **FINANCIAL IMPLICATIONS**

\$760,000 plus the 6% interest from 24 May 2011 until the date of settlement will be repaid to the Secondary Waste Reserve.

## **SUSTAINABILITY IMPLICATIONS**

Nil



*Item 2.1 continued*

## MEMBER COUNCIL IMPLICATIONS

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

## ATTACHMENT(S)

Nil



## **15 REPORTS OF COMMITTEES**

### **15.1 TECHNICAL ADVISORY COMMITTEE MEETING HELD 17 NOVEMBER 2011**

**(REFER TO MINUTES OF COMMITTEE - YELLOW PAGES)**

**REFERENCE: COMMITTEES-13399**

The minutes of the Technical Advisory Committee meeting held on **17 November 2011** accompany and form part of this agenda – (refer to yellow section of 'Minutes of Committees' for Council accompanying this Agenda).

## **QUESTIONS**

The Chairman invited general questions from members on the report of the Technical Advisory Committee.

## **RECOMMENDATION**

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

## **COUNCIL RESOLUTION**

MOVED CR PULE

SECONDED CR LINDSEY

THAT THE RECOMMENDATIONS IN THE TECHNICAL ADVISORY COMMITTEE REPORT (SECTION 15.1) BE ADOPTED.

**CARRIED UNANIMOUSLY**



# TECHNICAL ADVISORY COMMITTEE

## MINUTES

17 November 2011

(REF: COMMITTEES-13399)

A meeting of the Technical Advisory Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 4 August 2011**. The meeting commenced at **4.01pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The CEO opened the meeting at 4.00pm.

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

### Committee Members

|  |                                   |                    |
|--|-----------------------------------|--------------------|
| Mr Jim Coten ( <b>Chairman</b> )                                   | Executive Manager Operations      | City of Swan       |
| Mr Simon Stewert-Dawkins<br>( <b>Deputy Chairman</b> )             | Director Operational Services     | Town of Bassendean |
| Mr Doug Pearson  | Director Technical Services       | City of Bayswater  |
| Mr Ric Lutey   | Director Technical Services       | City of Belmont    |
| Mr Liam Noonan<br>(Deputising for Mr Purdy) ( <i>from 4.10pm</i> ) | Manager Health & Community Safety | Shire of Mundaring |
| Mr Peter Schneider   | Chief Executive Officer           | EMRC               |

### Apologies

|                 |                                  |                    |
|-----------------|----------------------------------|--------------------|
| Mr Shane Purdy  | Director Infrastructure Services | Shire of Mundaring |
| Mr Mahesh Singh | Director Engineering Services    | Shire of Kalamunda |

### EMRC Officers

|                        |   |
|------------------------|---|
| Mr Brian Jones         | Director Waste Services                           |
| Mr Hua Jer Liew        | Director Corporate Services                       |
| Mrs Marilyn Horgan     | Director Regional Services                        |
| Mr Stephen Fitzpatrick | Manager Project Development                       |
| Mr Brian Bushby        | Operations Manager                                |
| Ms Mary-Ann Winnett    | Personal Assistant to Director Corporate Services |
| Ms Giulia Bono         | Administration Officer (Minutes)                  |

## 3 DISCLOSURE OF INTERESTS

Nil



#### **4 ANNOUNCEMENT BY THE CHAIRMAN OR PERSON PRESIDING WITHOUT DISCUSSION**

##### **ELECTION OF A CHAIRMAN AND DEPUTY CHAIRMAN OF THE TECHNICAL ADVISORY COMMITTEE (TAC)**

##### **4.1 ELECTION OF A CHAIRMAN OF THE TECHNICAL ADVISORY COMMITTEE**

**REFERENCE: COMMITTEES-13353**

##### **PURPOSE OF REPORT**

To provide for an election to be conducted for the Office of Chairman of the Technical Advisory Committee (TAC).

##### **KEY ISSUES AND RECOMMENDATION(S)**

- It is a statutory requirement that the Committee elect a chairman at the first meeting of the TAC after an ordinary Council elections day.

##### **Recommendation(s)**

That the members of the Technical Advisory Committee elect a Chairman by secret ballot.

##### **SOURCE OF REPORT**

Manager Administration and Compliance

##### **BACKGROUND**

At the Meeting of Council held on Thursday 3 November 2011 the EMRC Chairman and Deputy Chairman were elected and members of the EMRC Committees were appointed.

##### **TAC MEMBERS 2011/2013**

The following members were appointed to the TAC at the Ordinary Meeting of Council held on 3 November 2011:

##### **OFFICER MEMBERS 2011/2013**

Director Operational Services  
Director Technical Services  
Director Technical Services  
Director Engineering Services  
Director Infrastructure Services  
Executive Manager Operations  
Chief Executive Officer

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

In accordance with section 5.12(1) of the Local Government Act 1995, the members of a committee are to elect a presiding member from amongst themselves in accordance with Schedule 2.3, Division 1.



*Item 4.1 continued*

It is a requirement of Schedule 2.3 of the Local Government Act 1995 (the Act) that the election is conducted by the Chief Executive Officer (CEO) and the nominations for the Office are to be given to the CEO in writing before the meeting or during the meeting before the close of nominations. Furthermore, if a member is nominated by another member the CEO is not to accept the nomination unless the nominee has advised the CEO, orally or in writing, that he or she is willing to be nominated for the Office. Members are to vote on the matter by secret ballot.

The procedure outlined in Schedule 2.3 of the Act will be followed if there is an equality of votes.

## REPORT

The CEO will preside at the meeting until the Office of Chairman of the TAC is filled.

The following material accompanies the agenda for this meeting as a means of assisting members of the Committee to nominate themselves or another member for the Office of Chairman of the TAC.

1. A blank nomination form for the Office of Chairman of the TAC, nominate oneself
2. A blank nomination form for the Office of Chairman of the TAC, nominate another
3. A blank ballot paper for Election of Chairman of the TAC

Ballot papers will be made available prior to voting.

The completed nomination forms are to be given to the CEO before the meeting or when the CEO calls for them when dealing with this item at the meeting.

## STRATEGIC/POLICY IMPLICATIONS

Council Policy 2.1 provides for the establishment of the Technical Advisory Committee.

Key Result Area 4 – Good Governance

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

## 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       |                     |



*Item 4.1 continued*

**ATTACHMENT(S)**

1. A blank nomination form for the Office of Chairman of the TAC, nominate oneself (Ref: Committees 13354)
2. A blank nomination form for the Office of Chairman of the TAC, nominate another (Ref: Committees 13354)
3. Ballot Paper – Election of TAC Chairman (Ref: Committees-13355)

**VOTING REQUIREMENT**

Secret Ballot

**RECOMMENDATION(S)**

That the members of the Technical Advisory Committee elect a Chairman by secret ballot.

The CEO advised that no nominations for the Office of Chairman of the TAC had been received, and called for nominations. Mr Pearson nominated Mr Coten. Mr Coten accepted the nomination.

No further nominations were received.

There being no other nominations, Mr Coten was declared Chairman of the Technical Advisory Committee for the term commencing 17 November 2011 until 2013.

The CEO congratulated Mr Coten and vacated the Chair at 4.03pm.

At 4.03pm, Mr Coten took the Chair.



## **Nomination for Chairman**

**To the Chief Executive Officer**

**I hereby nominate myself, \_\_\_\_\_ for the position of Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee for the term of Office commencing on the date of the election until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**



## **Nomination for Chairman**

**To the Chief Executive Officer**

**I hereby nominate \_\_\_\_\_ for the position of Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee for the term of Office commencing on the date of the election and continuing until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_ Date: \_\_\_\_\_**

**\*I \_\_\_\_\_ hereby certify that I accept the above nomination to the position of Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee.**

**Signed: \_\_\_\_\_ Date: \_\_\_\_\_**

**\*This certificate is to be completed when a Representative is nominated by another Representative.**



**Eastern Metropolitan Regional Council  
TAC Thursday 17 November 2011**

**BALLOT PAPER FOR THE  
ELECTION OF THE TAC CHAIRMAN**

***HOW TO VOTE***

**Place a tick ☒ in the box next to the candidate you want to elect.**

**Do not make any other marks on the ballot paper.**

**Lastname, Firstname**

☐

**Lastname, Firstname**

☐

**Lastname, Firstname**

☐





## **4.2 ELECTION OF A DEPUTY CHAIRMAN OF THE TAC**

**REFERENCE: COMMITTEES-13358**

### **PURPOSE OF REPORT**

To provide for an election to be conducted for the Office of Deputy Chairman of the Technical Advisory Committee (TAC).

### **KEY ISSUES AND RECOMMENDATION(S)**

- In accordance with section 5.12(2) of the Local Government Act 1995, the members of a committee may elect a deputy presiding member from amongst themselves.

#### **Recommendation(s)**

That the members of the Technical Advisory Committee elect a Deputy Chairman by secret ballot.

### **SOURCE OF REPORT**

Manager Administration and Compliance

### **BACKGROUND**

At the Meeting of Council held on Thursday 3 November 2011 the EMRC Chairman and Deputy Chairman were elected and members of the EMRC Committees were appointed.

### **TAC MEMBERS 2011/2013**

The following members were appointed to the TAC at the Ordinary Meeting of Council held on 3 November 2011:

### **OFFICER MEMBERS 2011/2013**

|                                  |                    |
|----------------------------------|--------------------|
| Director Operational Services    | Town of Bassendean |
| Director Technical Services      | City of Bayswater  |
| Director Technical Services      | City of Belmont    |
| Director Engineering Services    | Shire of Kalamunda |
| Director Infrastructure Services | Shire of Mundaring |
| Executive Manager Operations     | City of Swan       |
| Chief Executive Officer          | EMRC               |

In accordance with section 5.12(2) of the Local Government Act 1995, the members of a committee may elect a deputy presiding member from amongst themselves.

It is a requirement of Schedule 2.3 of the Local Government Act 1995 (the Act) that the election is conducted by the Chairman and the nominations for the Office are to be given to the Chairman in writing before the meeting or during the meeting before the close of nominations. Furthermore, if a member is nominated by another member, the Chairman is not to accept the nomination unless the nominee has advised the Chairman, orally or in writing, that he or she is willing to be nominated for the Office. Members are to vote on the matter by secret ballot.

The procedure outlined in Schedule 2.3 of the Act will be followed if there is an equality of votes.



*Item 4.2 continued*

**REPORT**

The following material accompanies the agenda for this meeting as a means of assisting members of the Committee to nominate themselves or another member for the Office of Deputy Chairman of the TAC.

1. A blank nomination form for the Office of Deputy Chairman of the TAC, nominate oneself
2. A blank nomination form for the Office of Deputy Chairman of the TAC, nominate another
3. A blank ballot paper for Election of Deputy Chairman of the TAC

Ballot papers will be made available prior to voting.

The completed nomination forms are to be given to the Chairman before the meeting or when the Chairman calls for them when dealing with this item at the meeting.

**STRATEGIC/POLICY IMPLICATIONS**

Council Policy 2.1 provides for the establishment of the Technical Advisory Committee.

Key Result Area 4 – Good Governance

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

**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)**

1. A blank nomination form for the Office of Deputy Chairman of the TAC, nominate oneself (Ref: Committees-13356)
2. A blank nomination form for the Office of Deputy Chairman of the TAC, nominate another (Ref: Committees-13356)
3. Ballot Paper – Election of TAC Deputy Chairman (Ref: Committees-13359)



*Item 4.2 continued*

#### VOTING REQUIREMENT

Secret Ballot

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

That the members of the Technical Advisory Committee elect a Deputy Chairman by secret ballot.

The Chairman advised that one (1) nomination for the Office of Deputy Chairman of the TAC had been received, from Mr Stewart-Dawkins and called for any further nominations.

No further nominations were received.

There being no other nominations Mr Stewart-Dawkins was declared Deputy Chairman of the Technical Advisory Committee for the term commencing 17 November 2011 until 2013.



## **Nomination for Deputy Chairman**

**To the Chief Executive Officer**

**I hereby nominate myself, \_\_\_\_\_ for the position of Deputy Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee for the term of Office commencing on the date of the election until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**



## Nomination for Deputy Chairman

To the Chief Executive Officer

I hereby nominate \_\_\_\_\_ for the position of Deputy Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee for the term of Office commencing on the date of the election until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

\*I \_\_\_\_\_ hereby certify that I accept the above nomination to the position of Deputy Chairman of the Eastern Metropolitan Regional Council Technical Advisory Committee.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**\*This certificate is to be completed when a Representative is nominated by another Representative.**



**Eastern Metropolitan Regional Council  
TAC Thursday 17 November 2011**

**BALLOT PAPER FOR THE  
ELECTION OF THE TAC DEPUTY CHAIRMAN**

***HOW TO VOTE***

**Place a tick ☒ in the box next to the candidate you want  
to elect.**

**Do not make any other marks on the ballot paper.**

**Lastname, Firstname**

☐

**Lastname, Firstname**

☐

**Lastname, Firstname**

☐



## **5 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

### **5.1 MINUTES OF TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 AUGUST 2011**

That the Minutes of the Technical Advisory Committee meeting held on 4 August 2011, which have been distributed, be confirmed.

#### **TAC RESOLUTION(S)**

MOVED MR PEARSON                      SECONDED MR LUTEY

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 AUGUST 2011 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**

## **6 PRESENTATIONS**

Nil

## **7 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

Nil

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

Nil



## **9 REPORTS OF OFFICERS**

### **9.1 RE-ALIGNMENT OF THE PROPOSED HILLS SPINE ROAD**

**REFERENCE: COMMITTEES-13324**

#### **PURPOSE OF REPORT**

To seek funding to engage transport consultants so that a traffic assessment on a possible re-alignment of the Proposed Hills Spine Road can be undertaken.

#### **KEY ISSUES AND RECOMMENDATION(S)**

- Realigning the proposed Hills Spine Road to the east of the current location and modifying the intersection arrangement could result in an additional 60 hectares of land becoming available for waste management purposes.
- Main Roads WA require the EMRC to undertake a traffic assessment to be undertaken before it would consider realigning the proposed Hills Spine Road and supporting a Metropolitan Scheme Amendment.
- Funds to cover the cost of the traffic assessment are unbudgeted.

#### **Recommendation(s)**

That Council approve, by absolute majority, in accordance with section 6.8(1)(b) of the Local Government Act 1995, the amount of \$80,000 being allocated to A/C 73982/00.JF – Manage Engineering/Waste Management Business Unit – Consulting Fee Expenses to be funded by the 2011/2012 operating surplus.

#### **SOURCE OF REPORT**

Director Waste Services

#### **BACKGROUND**

At the meeting held 2 December 2010 Council was provided with information regarding correspondence that had been entered into with the Department of Planning regarding the proposed Perth-Adelaide Highway (Orange Route) and the proposed Hills Spine Road.

The key points were:

- The proposed alignment of the Perth-Adelaide Highway will result in some 80 hectares of land from being fully utilised; and
- A letter has been written to the Department of Planning suggesting that a review of the proposed alignment be undertaken to minimise the impact of the roads on the waste management activities.

#### **REPORT**

The response from the Department of Planning was that the matter be taken up with Main Roads WA (MRWA) and this has occurred.

MRWA officers have indicated that, whilst they would not consider a change to the proposed Perth-Adelaide alignment, they would be prepared to consider changes to the alignment of the proposed Hills Spine Road and the intersection of the proposed Hills Spine Road and the Perth-Adelaide Highway that, currently is a significant interchange/underpass structure, providing the changes were supported by the Shire of Mundaring and City of Swan.





*Item 9.1 continued*

Letters of support regarding further investigations into the possible re-alignment and the undertaking of traffic studies have been received from the Shire of Mundaring and the City of Swan.

The officers at MRWA have indicated that the EMRC appoint consultants to undertake a traffic assessment, consider alternative access options and preliminary design concepts for a preferred arrangement, in support of an application for the re-alignment. MRWA officers have indicated they would be willing to assist by providing a scope of work detailing what is required, a list of competent traffic consultants and have indicated that a study that met their requirements would likely cost in the order of \$80,000. If the re-alignment is supported by MRWA an application for a Metropolitan Regional Scheme Amendment (MRS) would be lodged.

The current intersection arrangement and alignment of the Hills Spine Road results in some 80 hectares of Lot 12 being unavailable for use. Currently 35 hectares of land is reserved for the Hills Spine Road and the intersection and 45 hectares, to the east of the Hills Spine Road, would be cut off from the EMRC's other landholdings as indicated on the plan for caveat lodgement (Attachment).

If the Hills Spine Road alignment can be modified such that the road reserve is 100 metres from the eastern boundary then some 60 plus hectares becomes available for waste management purposes of which 20 hectares is outside the 500 metre buffer.

The 20 hectares outside the 500 metre buffer would allow the creation of an additional 1,000,000 cubic metres of putrescibles landfill airspace and the other 60 hectares could be used for water storage and to construct screening bunds using inert waste and clean fill material that, once completed would be vegetated.

There is no provision for traffic studies in the 2011/2012 budget. In that there are surpluses projected for 2011/2012 the funds could be drawn from those surpluses.

## **STRATEGIC/POLICY IMPLICATIONS**

### **Key Result Area 1 – Environmental Sustainability**

- 1.1 To provide sustainable waste disposal operations

### **Key Result Area 4 – Good Governance**

- 4.1 To improve member Council and EMRC financial viability

## **FINANCIAL IMPLICATIONS**

The study would provide the information required to warrant a re-alignment of the proposed Hills Spine Road and, following an MRS amendment, make additional land available for waste management purposes. The additional land that would be available for landfill would allow an extra 1,000,000 cubic metres of air space to be created.

## **SUSTAINABILITY IMPLICATIONS**

The re-alignment of the proposed Hills Spine Road will improve the sustainability of the site since there will be increased opportunities for water storage, the construction of screening bunds and for increasing the amount of planting that can be undertaken.



*Item 9.1 continued*

## **MEMBER COUNCIL IMPLICATIONS**

| <b>Member Council</b> | <b>Implication Details</b>  |
|-----------------------|---|
| Town of Bassendean    | } Nil   |
| City of Bayswater     |   |
| City of Belmont       |   |
| Shire of Kalamunda    |   |
| Shire of Mundaring    | The re-alignment would reduce the amount of land required for the Hills Spine Road and thus facilitate the possibility of development of the extension to the Hidden Valley Estate. |
| City of Swan          | No direct implication pending the result of the study.  |

## **ATTACHMENT(S)**

Plan for caveat lodgement from Lot 12 of deposited plan 26468 (Ref: Committees-13327)

## **VOTING REQUIREMENT**

Absolute Majority

## **RECOMMENDATION(S)**

That Council approve, by absolute majority, in accordance with section 6.8(1)(b) of the Local Government Act 1995, the amount of \$80,000 being allocated to A/C 73982/00.JF – Manage Engineering/Waste Management Business Unit – Consulting Fee Expenses to be funded by the 2011/2012 operating surplus.

## **TAC RECOMMENDATION(S)**

MOVED MR LUTEY

SECONDED MR STEWERT-DAWKINS

That Council approve, by absolute majority, in accordance with section 6.8(1)(b) of the Local Government Act 1995, the amount of \$80,000 being allocated to A/C 73982/00.JF – Manage Engineering/Waste Management Business Unit – Consulting Fee Expenses to be funded by the 2011/2012 operating surplus.

**CARRIED UNANIMOUSLY**

## **COUNCIL RESOLUTION(S)**

MOVED CR PULE

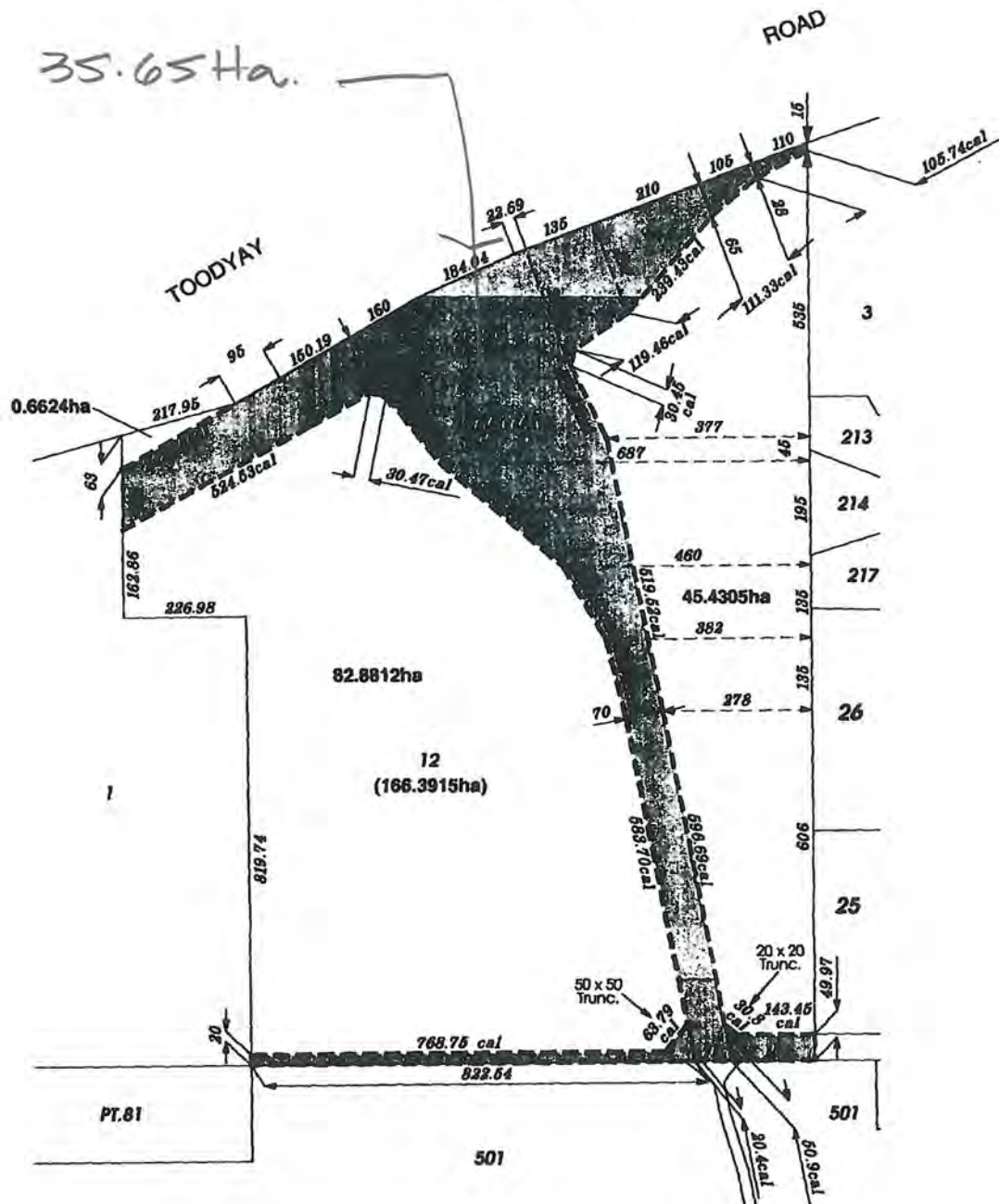
SECONDED CR LINDSEY

THAT COUNCIL APPROVE, BY ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 6.8(1)(B) OF THE LOCAL GOVERNMENT ACT 1995, THE AMOUNT OF \$80,000 BEING ALLOCATED TO A/C 73982/00.JF – MANAGE ENGINEERING/WASTE MANAGEMENT BUSINESS UNIT – CONSULTING FEE EXPENSES TO BE FUNDED BY THE 2011/2012 OPERATING SURPLUS.

**CARRIED UNANIMOUSLY**

# Plan for caveat lodgement from lot 12 of deposited plan 26468

CT 1672/829  
subject to survey



land reserved for  
primary regional roads reservation



Scale 1:12500

0 250m  
metres



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

### **REFERENCE: COMMITTEES-13127**

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

#### **1 WASTE MANAGEMENT SERVICES**

- 1.1 CARBON PRICE WASTE MANAGEMENT OPERATIONS UPDATE (Ref: Committees-13328)
- 1.2 AUSTRALIAN PACKAGING COVENANT PROJECT FUNDING (Ref: Committees-13336)
- 1.3 REGIONAL FUNDING PROGRAM (Ref: Committees-13340)
- 1.4 COUNCIL TONNAGE COMPARISONS AS AT 30 SEPTEMBER 2011  
(Ref: Committees-13339)

### **RECOMMENDATION**

That the Information Bulletin be noted.

Mr Lutey queried whether there has been more certainty on the impact of the Carbon Price on the EMRC's waste management operations and when the Carbon Price is likely to be implemented. The Director Waste Services advised additional refinements and modifications are likely to be put forward in January 2012 to clarify the methodology of the conversion of waste to CO<sub>2e</sub>.

### **TAC RESOLUTION(S)**

MOVED MR PEARSON                      SECONDED MR STEWERT-DAWKINS

THAT THE INFORMATION BULLETIN BE NOTED.

**CARRIED UNANIMOUSLY**



**10 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

Nil

**11 GENERAL BUSINESS**

Nil

**12 FUTURE MEETINGS OF THE TECHNICAL ADVISORY COMMITTEE**

The next meeting of the Technical Advisory Committee will be held on **Thursday 2 February 2012** EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4.00 pm.

Mr Noonan entered the meeting at 4.10pm and the Chairman welcomed him to the meeting.

**Future Meetings 2012**

|          |    |                         |    |                                    |
|----------|----|-------------------------|----|------------------------------------|
| Thursday | 2  | February                | at | EMRC Administration Office         |
| Thursday | 8  | March (if required)     | at | EMRC Administration Office         |
| Thursday | 5  | April                   | at | EMRC Administration Office         |
| Thursday | 10 | May (if required)       | at | EMRC Administration Office         |
| Thursday | 7  | June                    | at | EMRC Administration Office         |
| Thursday | 5  | July (if required)      | at | EMRC Administration Office         |
| Thursday | 9  | August                  | at | EMRC Administration Office         |
| Thursday | 6  | September (if required) | at | EMRC Administration Office         |
| Thursday | 4  | October                 | at | EMRC Administration Office         |
| Thursday | 22 | November (if required)  | at | Red Hill Waste Management Facility |

**13 DECLARATION OF CLOSURE OF MEETING**

There being no further business, the Chairman declared the meeting closed at 4.11pm.



**15.2 RESOURCE RECOVERY COMMITTEE MEETING HELD 17 NOVEMBER 2011  
(REFER TO MINUTES OF COMMITTEE - ORANGE PAGES)  
REFERENCE: COMMITTEES-13130**

The minutes of the Resource Recovery Committee meeting held on **17 November 2011** accompany and form part of this agenda – (refer to orange section of 'Minutes of Committees' for Council accompanying this Agenda).

**QUESTIONS**

The Chairman invited general questions from members on the report of the Resource Recovery Committee.

**RECOMMENDATION**

That with the exception of items ....., which are to be withdrawn and dealt with separately, the recommendations in the Resource Recovery Committee report (Section 15.2) be adopted.

**COUNCIL RESOLUTION**

MOVED CR CUCCARO

SECONDED CR CARTER

THAT THE RECOMMENDATIONS IN THE RESOURCE RECOVERY COMMITTEE REPORT (SECTION 15.2) BE ADOPTED.

**CARRIED UNANIMOUSLY**

## RESOURCE RECOVERY COMMITTEE

### MINUTES

17 November 2011

(REF: COMMITTEES-13130)

A meeting of the Resource Recovery Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 17 November 2011**. The meeting commenced at **5.00pm**.

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chief Executive Officer opened the meeting at 5.00pm.

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

### Committee Members

|   |                               |                    |
|---|-------------------------------|--------------------|
| Cr Tony Cuccaro (Chairman)                  | EMRC Member                   | Shire of Mundaring |
| Cr Jennie Carter                            | EMRC Member                   | Town of Bassendean |
| Cr Alan Radford (Deputy Chairman)           | EMRC Member                   | City of Bayswater  |
| Cr Glenys Godfrey                           | EMRC Member                   | City of Belmont    |
| Cr David Färdig (from 5.15pm)               | EMRC Member                   | City of Swan       |
| Mr Simon Stewert-Dawkins                    | Director Operational Services | Town of Bassendean |
| Mr Doug Pearson                             | Director Technical Services   | City of Bayswater  |
| Mr Ric Lutey                                | Director Technical Services   | City of Belmont    |
| Mr Liam Noonan<br>(Deputising for Mr Purdy) | Manager Design Services       | Shire of Mundaring |
| Mr Jim Coten                                | Executive Manager Operations  | City of Swan       |
| Mr Peter Schneider                          | Chief Executive Officer       | EMRC               |

### Apologies

|                  |                                  |                    |
|------------------|----------------------------------|--------------------|
| Cr Frank Lindsey | EMRC Member                      | Shire of Kalamunda |
| Mr Mahesh Singh  | Director Engineering Services    | Shire of Kalamunda |
| Mr Shane Purdy   | Director Infrastructure Services | Shire of Mundaring |

### Deputy Committee Members - Observers

|               |             |                    |
|---------------|-------------|--------------------|
| Cr Gerry Pule | EMRC Member | Town of Bassendean |
|---------------|-------------|--------------------|

### EMRC Officers

|                         |   |
|-------------------------|---|
| Mr Stephen Fitzpatrick  | Manager Project Development                       |
| Mr Brian Jones          | Director Waste Services                           |
| Mr Hua Jer Liew         | Director Corporate Services                       |
| Mrs Marilyn Horgan      | Director Regional Services                        |
| Ms Mary-Ann Winnett     | Personal Assistant to Director Corporate Services |
| Mrs Annie Hughes-d'Aeth | Administration Support Officer (Minutes)          |
| Ms Giulia Bono          | Administration Officer                            |

### Visitors

|                  |                         |
|------------------|-------------------------|
| Mr John King     | Cardno                  |
| Dr Peter Forster | Synergetics Engineering |

## 3 DISCLOSURE OF INTERESTS

Nil





#### **4 ANNOUNCEMENT BY THE CHAIRMAN OR PERSON PRESIDING WITHOUT DISCUSSION**

##### **ELECTION OF A CHAIRMAN AND DEPUTY CHAIRMAN OF THE RESOURCE RECOVERY COMMITTEE (RRC)**

#### **4.1 ELECTION OF A CHAIRMAN OF THE RESOURCE RECOVERY COMMITTEE**

**REFERENCE: COMMITTEES-13373**

##### **PURPOSE OF REPORT**

To provide for an election to be conducted for the office of Chairman of the Resource Recovery Committee (RRC)

##### **KEY ISSUES AND RECOMMENDATION(S)**

- It is a statutory requirement that the Committee elect a chairman at the first meeting of the RRC after an ordinary Council elections day.

##### **Recommendation(s)**

That the members of the Resource Recovery Committee elect a Chairman by secret ballot.

##### **SOURCE OF REPORT**

Manager Administration and Compliance

##### **BACKGROUND**

At the Meeting of Council held on Thursday 3 November 2011 the EMRC Chairman and Deputy Chairman were elected and members of the EMRC Committees were appointed.

##### **RRC MEMBERS 2011/2013**

The following members were appointed to the RRC at the Ordinary Meeting of Council held on 3 November 2011:

##### **COUNCILLOR MEMBERS 2011/2013**

Cr Jennie Carter  
Cr Alan Radford  
Cr Glenys Godfrey  
Cr Frank Lindsey  
Cr Tony Cuccaro  
Cr David Färdig

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

##### **OFFICER MEMBERS 2011/2013**

Director Operational Services  
Director Technical Services  
Director Technical Services  
Director Engineering Services  
Director Infrastructure Services  
Executive Manager Operations  
Chief Executive Officer

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



*Item 4.1 continued*

In accordance with section 5.12(1) of the Local Government Act 1995, the members of a committee are to elect a presiding member from amongst themselves in accordance with Schedule 2.3, Division 1.

It is a requirement of Schedule 2.3 of the Local Government Act 1995 (the Act) that the election is conducted by the Chief Executive Officer and the nominations for the Office are to be given to the Chief Executive Officer in writing before the meeting or during the meeting before the close of nominations. Furthermore, if a member is nominated by another member the Chief Executive Officer is not to accept the nomination unless the nominee has advised the Chief Executive Officer, orally or in writing, that he or she is willing to be nominated for the Office. Members are to vote on the matter by secret ballot.

The procedure outlined in Schedule 2.3 of the Act will be followed if there is an equality of votes.

## **REPORT**

The Chief Executive Officer will preside at the meeting until the office of Chairman is filled.

The following material accompanies the agenda for this meeting as a means of assisting members of the Committee to nominate themselves or another member for the Office of Chairman of the RRC.

1. A blank nomination form for the Office of Chairman of the RRC, nominate oneself
2. A blank nomination form for the Office of Chairman of the RRC, nominate another
3. A blank ballot paper for Election of Chairman of the RRC

Ballot papers will be made available prior to voting.

The completed nomination forms are to be given to the Chief Executive Officer before the meeting or when the Chief Executive Officer calls for them when dealing with this item at the meeting.

## **STRATEGIC/POLICY IMPLICATIONS**

Council Policy 2.1 provides for the establishment of the Resource Recovery Committee

Key Result Area 4 – Good Governance

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

## **FINANCIAL IMPLICATIONS**

Nil

## **SUSTAINABILITY IMPLICATIONS**

Nil



*Item 4.1 continued*

## **MEMBER COUNCIL IMPLICATIONS**

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

## **ATTACHMENT(S)**

1. A blank nomination form for the Office of Chairman of the RRC, nominate oneself (Ref: Committees-13376)
2. A blank nomination form for the Office of Chairman of the RRC, nominate another (Ref: Committees-13376)
3. Ballot Paper – Election of RRC Chairman (Ref: Committees-13377)

## **VOTING REQUIREMENT**

Secret Ballot

## **RECOMMENDATION(S)**

That the members of the Resource Recovery Committee elect a Chairman by secret ballot.

The Chief Executive Officer advised that two (2) nominations for the Office of Chairman of the RRC had been received, from Councillors Cuccaro and Radford, and called for any further nominations.

No further nominations were received.

Candidate names were listed on the ballot paper following the drawing of lots.

A secret ballot was then conducted and votes counted by the Chief Executive Officer and Director Corporate Services.

## **ANNOUNCEMENT: RESULT OF BALLOT FOR OFFICE OF CHAIRMAN**

The CEO declared Cr Tony Cuccaro with seven (7) votes Chairman of the Resource Recovery Committee for the term commencing 17 November 2011 until 2013.

The CEO congratulated Cr Cuccaro and vacated the chair at 5.10pm.

At 5.10pm, Councillor Cuccaro took the Chair.



## **Nomination for Chairman**

**To the Chief Executive Officer**

**I hereby nominate myself, \_\_\_\_\_ for the position of Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee for the term of Office commencing on the date of the election until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**



## Nomination for Chairman

To the Chief Executive Officer

I hereby nominate \_\_\_\_\_ for the position of Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee for the term of Office commencing on the date of the election and continuing until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

\*I \_\_\_\_\_ hereby certify that I accept the above nomination to the position of Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

\*This certificate is to be completed when a Representative is nominated by another Representative.



**Eastern Metropolitan Regional Council  
Thursday 17 November 2011**

**BALLOT PAPER FOR THE  
ELECTION OF THE RRC CHAIRMAN**

***HOW TO VOTE***

**Place a tick ☒ in the box next to the candidate you want  
to elect.**

**Do not make any other marks on the ballot paper.**

**First Name, Last name**

☐

**First Name, Last name**

☐

**First Name, Last name**

☐



## 4.2 ELECTION OF A DEPUTY CHAIRMAN OF THE RESOURCE RECOVERY COMMITTEE

**REFERENCE: COMMITTEES-13375**

### PURPOSE OF REPORT

To provide for an election to be conducted for the office of Deputy Chairman of the Resource Recovery Committee (RRC).

### KEY ISSUES AND RECOMMENDATION(S)

- In accordance with section 5.12(2) of the Local Government Act 1995, the members of a committee may elect a deputy presiding member from amongst themselves.

#### Recommendation(s)

That the members of the Resource Recovery Committee elect a Deputy Chairman by secret ballot.

### SOURCE OF REPORT

Manager Administration and Compliance

### BACKGROUND

At the Meeting of Council held on Thursday 3 November 2011 the EMRC Chairman and Deputy Chairman were elected and members of the EMRC Committees were appointed.

### RRC MEMBERS 2011/2013

The following members were appointed to the RRC at the Ordinary Meeting of Council held on 3 November 2011:

### COUNCILLOR MEMBERS 2011/2013

Cr Jennie Carter  
Cr Alan Radford  
Cr Glenys Godfrey  
Cr Frank Lindsey  
Cr Tony Cuccaro  
Cr David Färdig

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

### OFFICER MEMBERS 2011/2013

Director Operational Services  
Director Technical Services  
Director Technical Services  
Director Engineering Services  
Director Infrastructure Services  
Executive Manager Operations  
Chief Executive Officer

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



*Item 4.2 continued*

In accordance with section 5.12(2) of the Local Government Act 1995, the members of a committee may elect a deputy presiding member from amongst themselves.

It is a requirement of Schedule 2.3 of the Local Government Act 1995 (the Act) that the election is conducted by the Chairman and the nominations for the Office are to be given to the Chairman in writing before the meeting or during the meeting before the close of nominations. Furthermore, if a member is nominated by another member, the Chairman is not to accept the nomination unless the nominee has advised the Chairman, orally or in writing, that he or she is willing to be nominated for the Office. Members are to vote on the matter by secret ballot.

The procedure outlined in Schedule 2.3 of the Act will be followed if there is an equality of votes.

## **REPORT**

The following material accompanies the agenda for this meeting as a means of assisting members of the Committee to nominate themselves or another member for the Office of Deputy Chairman of the RRC.

1. A blank nomination form for the Office of Deputy Chairman of the RRC, nominate oneself
2. A blank nomination form for the Office of Deputy Chairman of the RRC, nominate another
3. A blank ballot paper for Election of Deputy Chairman of the RRC

Ballot papers will be made available prior to voting.

The completed nomination forms are to be given to the Chairman before the meeting or when the Chairman calls for them when dealing with this item at the meeting.

## **STRATEGIC/POLICY IMPLICATIONS**

Council Policy 2.1 provides for the establishment of the Resource Recovery Committee

Key Result Area 4 – Good Governance

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

## **FINANCIAL IMPLICATIONS**

Nil

## **SUSTAINABILITY IMPLICATIONS**


Nil





*Item 4.2 continued*

## **MEMBER COUNCIL IMPLICATIONS**

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

## **ATTACHMENT(S)**

1. A blank nomination form for the Office of Deputy Chairman of the RRC, nominate oneself (Ref: Committees-13378)
2. A blank nomination form for the Office of Deputy Chairman of the RRC, nominate another (Ref: Committees-13378)
3. Ballot Paper – Election of RRC Deputy Chairman (Ref: Committees-13379)

## **VOTING REQUIREMENT**

Secret Ballot

## **RECOMMENDATION(S)**

That the members of the Resource Recovery Committee elect a Deputy Chairman by secret ballot.

The Chairman advised that no nominations for the Office of Deputy Chairman of the RRC had been received and called for nominations.

Cr Godfrey nominated Cr Radford who accepted the nomination.

No further nominations were received.

## **ANNOUNCEMENT: OF THE OFFICE OF DEPUTY CHAIRMAN**

There being no other nominations Cr Radford was declared Deputy Chairman of the Resource Recovery Committee for the term commencing 17 November 2011 until 2013.



## **Nomination for Deputy Chairman**

**To the Chief Executive Officer**

**I hereby nominate myself, \_\_\_\_\_ for the position of Deputy Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee for the term of Office commencing on the date of the election until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**



## **Nomination for Deputy Chairman**

**To the Chief Executive Officer**

**I hereby nominate \_\_\_\_\_ for the position of Deputy Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee for the term of Office commencing on the date of the election and continuing until the next ordinary elections days and/or other circumstances occur in accordance with section 5.11 of the Local Government Act 1995.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**

**\*I \_\_\_\_\_ hereby certify that I accept the above nomination to the position of Deputy Chairman of the Eastern Metropolitan Regional Council Resource Recovery Committee.**

**Signed: \_\_\_\_\_**

**Date: \_\_\_\_\_**

**\*This certificate is to be completed when a Representative is nominated by another Representative.**



**Eastern Metropolitan Regional Council  
Thursday 17 November 2011**

**BALLOT PAPER FOR THE  
ELECTION OF THE RRC DEPUTY CHAIRMAN**

***HOW TO VOTE***

**Place a tick ☒ in the box next to the candidate you want  
to elect.**

**Do not make any other marks on the ballot paper.**

**First Name, Last name**

☐

**First Name, Last name**

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## **5 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

### **5.1 MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 6 OCTOBER 2011**

That the Minutes of the Resource Recovery Committee meeting held on 6 October 2011, which have been distributed, be confirmed.

#### **RRC RESOLUTION(S)**

MOVED CR GODFREY                      SECONDED MR LUTEY

THAT THE MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 6 OCTOBER 2011, WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

**CARRIED UNANIMOUSLY**

## **6 PRESENTATIONS**

As the presenters of Item 6.1 had not arrived at the meeting the Chairman proceeded to the next Item on the Agenda.

Item 6.1 was dealt with later in the meeting after Item 9.1 Resource Recovery Project Update.

### **6.1 OUTCOMES OF THE ENVIRONMENTAL IMPACT ASSESSMENT OF THE PROPOSED RESOURCE RECOVERY FACILITY AT RED HILL WASTE MANAGEMENT FACILITY.**

The Manager Project Development introduced Mr John King of Cardno and Dr Peter Forster of Synergetics Engineering to present their presentation.

Mr John King and Dr Peter Forster presented the outcomes of the Environmental Impact Assessment of the proposed Resource Recovery Facility at Red Hill Waste Management Facility.

In response to Cr Radford's question on whether further emissions monitoring was necessary for compliance Dr Forster explained that he was happy with the data presented. He did not see the need for further monitoring or expense and that the air quality at Red Hill was better than other areas.

The Chairman thanked Mr King of Cardno and Dr Forster of Synergetics Engineering for their presentation.

Item 9.2 Renewal Of Waste Management Community Reference Group Memberships was dealt with at this point in the meeting.

## **7 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

Nil

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

Nil

The meeting was adjourned at 5.12pm.

Cr Färdig and Dr Forster entered the meeting at 5.17pm.



## **9 REPORTS OF OFFICERS**

### **9.1 RESOURCE RECOVERY PROJECT UPDATE**

**REFERENCE: COMMITTEES-13313**

#### **PURPOSE OF REPORT**

To update Council on the progress of the Resource Recovery Facility (RRF) project.

#### **KEY ISSUES AND RECOMMENDATION(S)**

- The re-drafted Environmental Scoping Document (ESD) has been accepted by the EPA Chairman.
- Gathering of technology data from acceptable tenderers has continued to address matters that have arisen with the preparation of the Public Environmental Review (PER).
- Modelling of emissions from the technology options is complete and has been incorporated into the PER.
- Overall compliance with air quality standards has been demonstrated, there was a slight concern with modelled odour emissions for the anaerobic digestion option at some residences north of Toodyay Road, however means of addressing this have been identified.
- Submission of the final draft PER to the EPA for their review is expected by mid-November 2011 with a target date of release for public comment on 6 February 2012.

#### **Recommendation(s)**

That the report be received.

#### **SOURCE OF REPORT**

Manager Project Development

#### **BACKGROUND**

On 30 April 2009, Council resolved to proceed with the Expression of Interest process.

At the 27 August 2009 meeting of Council it was resolved:

- "1. *THE FOLLOWING RESPONDENTS TO THE EXPRESSION OF INTEREST ARE LISTED AS ACCEPTABLE TENDERERS:*
  - A. *ENERGOS AS;*
  - B. *EVERGREEN ENERGY CORPORATION PTY LTD;*
  - C. *GRD MINPROC LIMITED;*
  - D. *MOLTONI ENERGY PTY LTD;*
  - E. *SITA ENVIRONMENTAL SOLUTIONS;*
  - F. *TRANSPACIFIC CLEANAWAY LIMITED; AND*
  - G. *WSN ENVIRONMENTAL SOLUTIONS.*
2. *THE FOLLOWING RESPONDENTS TO THE EXPRESSION OF INTEREST ARE NOT LISTED AS ACCEPTABLE TENDERERS:*
  - A. *ANAECO LIMITED; AND*
  - B. *THIESS SERVICES PTY LTD.*



*Item 9.1 continued*

3. *THE RESPONDENTS TO EXPRESSION OF INTEREST 2009-10 BE ADVISED OF THE OUTCOME OF THE ASSESSMENT.*
4. *THE ATTACHMENT REMAINS CONFIDENTIAL AND BE CERTIFIED BY THE ACTING CHIEF EXECUTIVE OFFICER AND THE EMRC CHAIRMAN.*
5. *THE TENDER EVALUATION COMMITTEE BE ACKNOWLEDGED FOR THE SIGNIFICANT EFFORT PUT INTO EVALUATING THE EOI SUBMISSIONS."*

On 24 September 2009, Council resolved that:

- "1. *THE FOLLOWING PRELIMINARY RECOMMENDATIONS OF THE RESOURCE RECOVERY COMMITTEE FORM THE BASIS OF CONSULTATION BETWEEN THE EMRC AND THE MEMBER COUNCILS AND THE COMMUNITY WITH THE INTENTION OF REPORTING BACK TO COUNCIL IN APPROXIMATELY MARCH 2010 WITH A FINAL RECOMMENDATION.*
- A) *RED HILL WASTE MANAGEMENT FACILITY IS THE PREFERRED SITE FOR THE RRF BASED ON ENVIRONMENTAL, ECONOMIC AND PLANNING CONSIDERATIONS, COMMUNITY RESEARCH AND THE POTENTIAL VALUE OF THE EMRC HAZELMERE SITE AS A RESOURCE RECOVERY PARK.*
- B) *THE DESIGN & CONSTRUCT CONTRACT OWNERSHIP MODEL IS PREFERRED TO A BUILD OWN OPERATE CONTRACT MODEL.*
- C) *THE RRF TECHNOLOGY OPTIONS INCLUDING ANAEROBIC DIGESTION, GASIFICATION AND PYROLYSIS ARE RANKED HIGHER THAN COMBUSTION AND PLASMA AT THIS STAGE BUT MORE INFORMATION IS REQUIRED BEFORE A FINAL PREFERENCE CAN BE DETERMINED.*
- D) *A THIRD BIN FOR HOUSEHOLD ORGANIC WASTE COLLECTION IS CONSIDERED IN CONJUNCTION WITH ANAEROBIC DIGESTION TECHNOLOGY."*

Further, on 4 December 2009, Council resolved that:

- "1. *COUNCIL APPROVE A VISIT TO EASTERN STATES AND OVERSEAS RESOURCE RECOVERY REFERENCE FACILITIES TO BE UNDERTAKEN BY THE CHAIRMAN, RESOURCE RECOVERY COMMITTEE, MR JOHN KING, PROJECT DIRECTOR FOR CARDNO LIMITED AND THE MANAGER PROJECT DEVELOPMENT.*
2. *INFORMATION GAINED FROM THE VISIT BE REPORTED TO THE RRC AND COUNCIL IN EARLY 2010 AS PART OF THE FINAL RECOMMENDATION ON THE PREFERRED RESOURCE RECOVERY FACILITY OPTIONS."*

On 22 April 2010, Council resolved in relation to the reference facility visits that:

- "1. *THE REPORT BE RECEIVED.*
2. *INFORMATION GAINED FROM THE RESOURCE RECOVERY FACILITY VISITS BE APPLIED TO THE ANALYSIS OF THE PROJECT OPTIONS ON TECHNOLOGY, CONTRACT MODEL AND BIN COLLECTION SYSTEM.*
3. *THAT THE ATTACHMENT TO THIS REPORT REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHIEF EXECUTIVE OFFICER AND CHAIRMAN."*

On 20 May 2010, Council resolved that:

- "1. *THE FOLLOWING OPTIONS ARE CONFIRMED AS THE PREFERRED OPTIONS FOR THE RESOURCE RECOVERY FACILITY:*
- A) *RED HILL WASTE MANAGEMENT FACILITY IS THE PREFERRED SITE FOR THE RRF.*
- B) *THE DESIGN & CONSTRUCT CONTRACT OWNERSHIP MODEL IS PREFERRED TO A BUILD OWN OPERATE CONTRACT MODEL AT THIS STAGE OF THE PROJECT.*



*Item 9.1 continued*

- C) *THE RRF TECHNOLOGY OPTIONS INCLUDE ANAEROBIC DIGESTION, GASIFICATION, PYROLYSIS AND COMBUSTION. PLASMA TECHNOLOGY WILL ONLY BE CONSIDERED IF IT IS AN INTEGRAL PART OF ONE OF THESE TECHNOLOGIES.*
- D) *A THIRD BIN FOR HOUSEHOLD ORGANIC WASTE COLLECTION BE CONSIDERED IN CONJUNCTION WITH ANAEROBIC DIGESTION TECHNOLOGY, OTHERWISE A TWO BIN SYSTEM IS RECOMMENDED FOR THE THERMAL TECHNOLOGY OPTIONS.*
- 2. *COUNCIL PROCEEDS WITH THE ENVIRONMENTAL AND PLANNING APPROVALS TASK FOR THE RESOURCE RECOVERY PROJECT BASED ON THE PREFERRED SITE AND TECHNOLOGY OPTIONS."*

On 21 October 2010, Council resolved to amend the Resource Recovery budget to allow for the predicted cost of baseline environmental monitoring and additional consultant costs as follows:

*"THAT THE BUDGET FOR SEEK ENVIRONMENTAL APPROVALS (TASK 15) IN THE ANNUAL BUDGET UNDER RESOURCE RECOVERY BE INCREASED FROM \$220,000 TO \$525,000 AND THAT THIS INCREASE BE FUNDED FROM THE SECONDARY WASTE RESERVE."*

On 23 June 2011, Council resolved that:

- "1. *"COUNCIL NOTES THE ADVICE FROM SITA ENVIRONMENTAL SOLUTIONS AND WSN ENVIRONMENTAL SOLUTIONS OF THEIR INTENTION TO WITHDRAW FROM THE TENDER PROCESS FOR THE EMRC RESOURCE RECOVERY FACILITY.*
- 2. *THE LIST OF ACCEPTABLE TENDERERS BE AMENDED TO REMOVE SITA ENVIRONMENTAL SOLUTIONS AND WSN ENVIRONMENTAL SOLUTIONS.*
- 3. *SITA ENVIRONMENTAL SOLUTIONS BE ADVISED OF COUNCIL'S ACKNOWLEDGEMENT OF BOTH SITA ENVIRONMENTAL SOLUTIONS AND WSN ENVIRONMENTAL SOLUTION'S WITHDRAWAL FROM THE EMRC RESOURCE RECOVERY FACILITY TENDER PROCESS.*
- 4. *THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND THE CHIEF EXECUTIVE OFFICER."*

On 18 August 2011, Council resolved:

*"THAT COUNCIL CONFIRMS THE TECHNOLOGY OPTIONS FOR THE RESOURCE RECOVERY FACILITY AT RED HILL WASTE MANAGEMENT FACILITY AS ANAEROBIC DIGESTION AND GASIFICATION."*

At the 3 November 2011 meeting of Council, a clarification of gasification technology was provided and what this class of thermal waste treatment technology includes.

*By way of explanation, the three contract ownership models being considered for the RRF are as follows:*

### **Build Own Operate**

Under a Build Own Operate (BOO) contract delivery model, the Contractor will be required to build, finance, own and operate the facility for a fixed period of time (the economical life of the facility and anticipated to be for 20 years). Under this contract model, some of the project risks, and in particular, the risks associated with the design, construction and performance of the RRF, are transferred to the Contractor.





### *Item 9.1 continued*

#### **Design and Construct**

Under a Design and Construct (D&C) contract delivery model, the Contractor will design and construct a facility that conforms to agreed standards and performance requirements. If the D&C model was adopted by the EMRC, the Contractor will also be required to operate the facility for a minimum of 12 months and up to two years after the completion of wet commissioning. Under this contract model, the operational and ownership risks would be assumed by the EMRC, particularly following transfer of operational responsibilities to the EMRC and expiry of warranties and defects liability periods. The EMRC may operate the facility using its own staff or enter into a separate contract for the operation of the facility under this D&C contract delivery model.

#### **Design, Build Operate and Maintain**

Under a Design, Build Operate and Maintain (DBOM) contract delivery model, ownership of the RRF is with the EMRC but operation and maintenance is with the Operator. The EMRC will contract with the main contractor, who is most likely to be an Operator or technology provider who will be responsible for subcontracting and managing the risk of a builder for the construction phase. The EMRC will be required to obtain its own funding for the RRF and will have to fund construction payments during the construction phase and service payments during the operation phase, usually by way of regular monthly payments linked to the amount of waste processed by the RRF.

As with the BOO, the Operator's involvement in the RRF continues until the expiry of the operation term. However, unlike the BOO, the operating period under a DBOM can be less than under a BOO as it does not have to match the duration of the debt repayments. This is because the debt repayments are made by the EMRC direct to its financier, rather than by the Operator to its financier.

Under this contract model, the project risks associated with the design, construction and performance of the RRF, are transferred to the Contractor whereas the ownership risk resides with the EMRC.

#### **Acceptable Tenderers and Technologies**

| <b>Acceptable Tenderers as at 1 September 2011</b> | <b>Technology Offered at EOI Stage</b> |
|--|--|
| Energos AS   | Gasification                           |
| Evergreen Energy Corporation Pty Ltd               | Anaerobic Digestion                    |
| Amec Minproc Limited                               | Anaerobic Digestion and Combustion     |
| Phoenix Energy                                     | Combustion                             |
| Transpacific Cleanaway Limited                     | Anaerobic Digestion                    |

## **REPORT**

#### **Environmental Scoping Document (ESD)**

The amended ESD was accepted by the Chairman of the EPA on 24 October 2011.

#### **Public Environmental Review (PER) Development**

Sub-consultants Synergetics Environmental Engineering, SLR Consulting and Lloyd George Acoustics have all completed their respective assessments of the baseline situation at Red Hill Waste Management Facility and the modelling of the impact of the proposed RRF for the two technology options. This information is being incorporated into the PER which is in a review stage by EMRC officers and the peer reviewer, Andrew Mack of Syrinx Environmental.

Gathering of technology data from acceptable tenderers has continued as various issues have arisen with the preparation of the Public Environmental Review (PER), including the quality and quantity of waste water from the technology options and the quality of filter ash or fly ash from a gasification facility.



### *Item 9.1 continued*

The modelling of emissions from the technology options has also included an option of siting the RRF on Lot 8. For site B2 on Lot 12, the current preferred site option, overall compliance with air quality standards has been demonstrated but there is a slight non-compliance with modelled odour emissions for the anaerobic digestion option at two residences just north of Red Hill Waste Management Facility on Toodyay Road. Means of overcoming this non-compliance have been addressed in the PER.

When drafting is completed the PER will be submitted to the Office of the EPA for their review which is scheduled to take 6 weeks as per the programme below.

| Details                             | Commencement     | Completion       | Target Timeframe |
|-------------------------------------|------------------|------------------|------------------|
| Submit draft PER to EPA             | 14 November 2011 | 14 November 2011 | Milestone        |
| Review by EPA                       | 14 November 2011 | 23 December 2011 | 6 weeks          |
| Revise PER & Release                | 23 December 2011 | 31 January 2012  | 5 weeks          |
| Public Review                       | 6 February 2012  | 2 April 2012     | 8 weeks          |
| EPA provide summary of submissions  | 2 April 2012     | 20 April 2012    | 3 weeks          |
| Proponent Response                  | 23 April 2012    | 7 May 2012       | 2 weeks          |
| EPA Bulletin Preparation/Assessment | 7 May 2012       | 27 July 2012     | 12 weeks         |
| Appeals Period                      | 30 July 2012     | 10 August 2012   | 2 weeks          |
| Minister Consideration              | August 2012      | November 2012    | 3 Months         |

### **Community Engagement**

A spring 2011 Resource Recovery Update advert has been prepared for advertising in community newspapers during November and planning around the release of the PER in February 2012 is underway and will include mandatory advertising, a question and answer section on the website, displays in member Council libraries, access to the PER via the EMRC website and possible meetings with community groups to explain the PER analysis.

A presentation is being planned to a joint meeting of the Community Task Force and the Waste Management Community Reference Group for late November.

### **Member Council Loan Guarantee Analysis**

A meeting was held on 25 October 2011 with representatives of the Western Australian Treasury Corporation, member Council CEOs or their delegates and EMRC staff to discuss the analysis of member Council financial information in relation to potential borrowings for the Resource Recovery Facility and the ability of member Councils to guarantee such a loan to the EMRC. Further information on this will be reported to Council in 2012.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

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

## **FINANCIAL IMPLICATIONS**

All costs covered within this report are accounted for in the annual budget approved by Council.



*Item 9.1 continued*

## **SUSTAINABILITY IMPLICATIONS**

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

## **MEMBER COUNCIL IMPLICATIONS**

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

## **ATTACHMENT(S)**

Spring 2011 Resource Recovery Update (Ref: Committees-13341)

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That the report be received.

## **Discussion Ensued**

A brief discussion ensued on the Environmental Review document timeline and its presentation to the EPA.

Mr King entered the meeting at 5.22pm.

## **RRC RECOMMENDATION(S)**

MOVED CR GODFREY                      SECONDED CR RADFORD

That the report be received.

**CARRIED UNANIMOUSLY**

## **COUNCIL RESOLUTION(S)**

MOVED CR CUCCARO                      SECONDED CR CARTER

THAT THE REPORT BE RECEIVED.

**CARRIED UNANIMOUSLY**

## What about the resource recovery park?

The Hazelmere Recycling Centre started in 2008. EMRC's vision for the site is a hub of resource recovery activities diverting significant waste from landfill and processing it into reusable products. Western Australia's only timber recycling and mattress recycling services operate from this centre.

### Timber recycling

The Hazelmere Recycling Centre recovers and processes industrial timber waste so it can be diverted from landfill and recycled as a reusable woodchip. The woodchip is reused in particleboard, animal bedding, mulch and compost. More than 10,500 tonnes of woodwaste was recycled in 2010/2011.

### Mattress recycling

EMRC provides for the environmentally responsible disposal of old mattresses. Most mattress components can be recycled and markets for foam, steel and timber have been established. Over 18,000 mattresses were recycled in 2010/2011.



## What else is EMRC doing to reduce waste to landfill?

EMRC takes an integrated approach to waste management and actively promotes the 4Rs of Reduce, Reuse, Recycle and Recover waste.

Local council and EMRC services which divert waste from landfill include kerbside recycling, greenwaste recycling, and transfer stations - where residents can separate their waste and maximise recycling.

### Waste education programs

EMRC and its member councils also regard waste education programs as a vital ingredient in making waste management more sustainable and encouraging the reduction of waste. Some of these programs include:

- Production of the Waste and Recycling Guide which goes to every household in the region.
- School and household battery recycling program. Around 13 tonnes of batteries were recycled in 2010.
- Fluorescent light collection and recycling program. Over 550kg of lights were recycled in 2010.
- Primary and high school waste education projects.
- Earth Carers training program which teaches residents practical ways to reduce and recycle waste. Around 100 residents have participated in the program since its inception in late 2009.
- Tours of Red Hill Waste Management Facility and operation of the Red Hill Environmental Education Centre. Nearly 1000 visitors toured the facility in 2010.
- Talks and workshops for community groups, seniors and schools.

## Communicating with you

### We want to keep you informed about what's happening with the Resource Recovery Project

We will do this via updates on our website, in a regular column in your local newspaper, and by newsletters.

If you would like to receive a printed copy of the newsletter in the future, please call us on (08) 9424 2222.

If you would like to receive the newsletter and future updates electronically to save on paper (and waste!), we'll happily oblige.

Just send an email to us at [mail@gang.org.au](mailto:mail@gang.org.au) with 'RRP update' in the subject line.

Contact: Stephen Fitzpatrick | EMRC Manager, Project Development | Ph: (08) 9424 2222 | Email: [stephen.fitzpatrick@emrc.org.au](mailto:stephen.fitzpatrick@emrc.org.au)



[www.emrc.org.au](http://www.emrc.org.au)

# Resource Recovery Newsletter

Spring 2011



In partnership with its six member councils, the Eastern Metropolitan Regional Council (EMRC) is working to develop a more sustainable solution to managing waste in Perth's Eastern Region. This is known as the Resource Recovery Project.

## Latest news

### Change to technology options for proposed resource recovery facility

EMRC's Council has decided to reduce the number of technology options it is considering for the proposed facility to anaerobic digestion and gasification. This means that EMRC will no longer consider the option of combustion or pyrolysis for the resource recovery facility at Red Hill.

### Why have the changes to technology options been made?

This decision was based on information received from acceptable tenderers during and after the Expressions of Interest phase, preparation for the environmental impact assessment, community engagement feedback and advice from the Environmental Protection Authority during the preparation of the Environmental Scoping Document. EMRC has undertaken extensive research on the technical, environmental and commercial information for all four options.

Anaerobic digestion and gasification are proven technologies for processing municipal waste with many examples world-wide. At this stage, they have been assessed as preferred options for the Red Hill resource recovery facility.

Reducing the technology options from four to two will facilitate a streamlined environmental impact assessment process and refine the project's ongoing community engagement process.

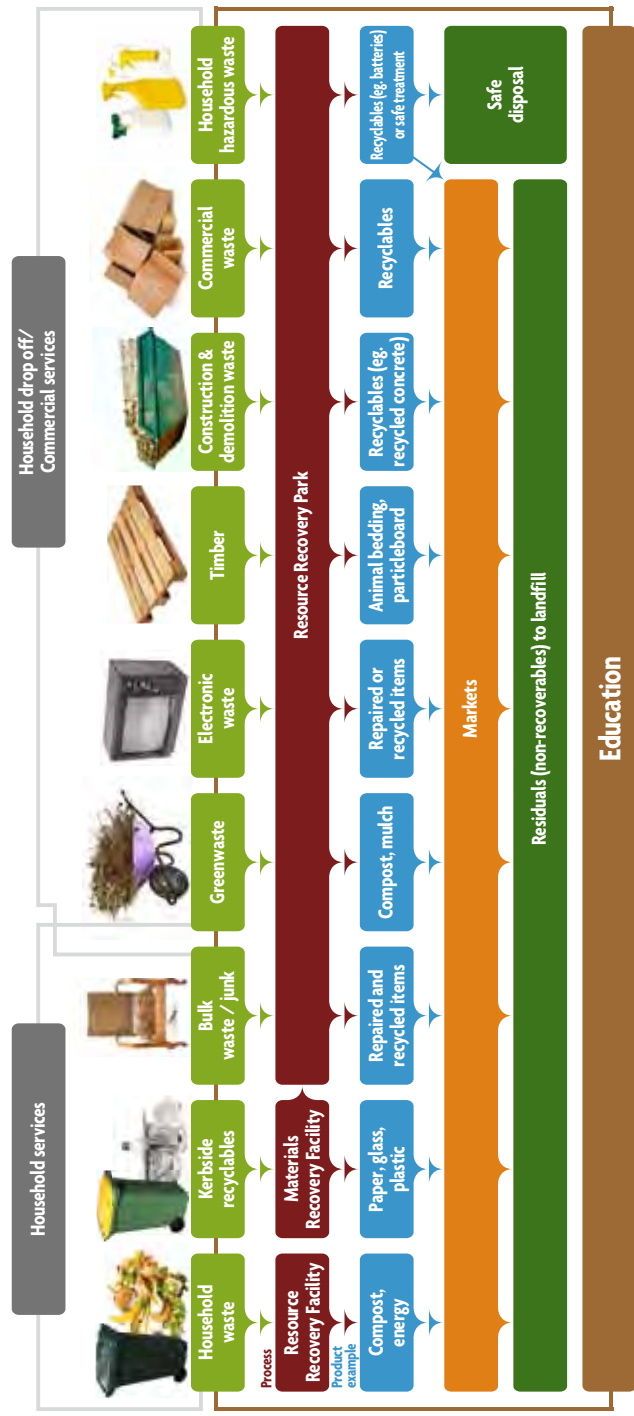
Only one of the two technology options will be constructed at Red Hill, and a final decision on the chosen technology will be made at the conclusion of the tender process in 2013.

## What is the Resource Recovery Project?

Resource recovery is about using waste as a resource. Local councils have introduced recycling bins, greenwaste recycling and a range of waste education programs to encourage residents to reduce waste to landfill. Resource recovery seeks to complement these existing waste management solutions by dealing with the waste left over in rubbish bins and verge side collections after residents have reduced, re-used and recycled their waste.

There are two facets to EMRC's Resource Recovery Project: the **resource recovery facility** and the **resource recovery park**. The resource recovery facility will treat household waste and turn it into compost and/or energy. A resource recovery park will be designed to receive, store, process, dismantle and recycle waste materials from households and businesses and sell them to industry or the public.

The diagram below shows the vision for an integrated waste management solution.





## About the technology options

For more information on these technology options, please visit the resource recovery section of [www.emrc.org.au](http://www.emrc.org.au)

### What is anaerobic digestion?

Anaerobic digestion is where organic materials (food and garden waste) are converted into methane or 'biogas' and compost. These processes take place in an enclosed building and involve the breakdown of organic material in the absence of air in a sealed vessel called a digester. This allows the biogas to be generated.

Any odours from the digester, waste receiptal, pre-treatment or final composting are removed using a filter. Liquid left over at the end of the digestion process is recycled back into the digester.

There are hundreds of anaerobic digestion facilities worldwide including four facilities processing municipal solid waste in Australia.

## Anaerobic digestion

TECHNIQUE: Bacterial decomposition

PRODUCT: Compost  
Biogas → electricity



## Gasification

TECHNIQUE: Converting waste to synthesis gas by using heat and limited air supply in a gasifier

PRODUCT: Synthesis gas → electricity and heat  
Bottom ash → roadbase  
Recovered metals



## Community input into proposed facility

The Community Task Force (CTF) was formed in July 2010 to develop a Community Partnership Agreement and comment on tender evaluation criteria in relation to the development and performance of the proposed resource recovery facility. The CTF, which works on behalf of and in consultation with the broader community within Perth's Eastern Region, is made up of eight community representatives, and two EMRC members.

### Community Partnership Agreement (CPA) completed

A major role for the CTF was to develop a CPA to ensure that the construction and ongoing operation of the facility at the Red Hill Waste Management Facility is undertaken in alignment with community expectations.

The CTF developed a draft CPA in early 2011 and sought regional community comment on the draft for seven weeks during April and May 2011. The resulting community feedback has now been considered and the CPA has been adjusted where the CTF thought this was necessary. The CPA has been endorsed by EMRC's Council.

### What is included in the CPA?

The final version of the CPA is based around goals and objectives for the construction and operation of the facility together with possible indicators for each of the objectives.

### What is gasification?

Gasification turns waste into an energy-rich fuel gas by heating the waste under controlled conditions.

Gasification involves the conversion of waste in a high temperature, low oxygen environment to produce a synthesis gas (a mixture of methane, hydrogen, carbon monoxide and carbon dioxide) and a bottom ash residue, from which metals can be recovered.

The synthesis gas can be fed directly into engines to produce electricity, or converted to electricity via the steam cycle.

The gasification process occurs in a gasifier - an enclosed vessel under controlled conditions within a building. Emissions to air are cleaned in a filtration system which makes a fly-ash residue.

In 2010 it was estimated that there were 118 gasification plants operating worldwide.



### Why do we need a facility at all?

Perth is running out of landfill space. Perth's growing population has seen waste volumes increase and every metropolitan regional council in Perth is either involved or is planning a resource recovery facility for municipal waste because the alternative of transporting rubbish long distances to new landfills will be costly and a more sustainable solution is required.

Resource recovery facilities have considerable environmental advantages over landfilling. They minimise:

- Greenhouse gas emissions
- Odour, dust, noise, litter
- Surface and groundwater contamination
- Impacts on flora and fauna.

Resource recovery facilities are able to convert waste into resources, such as compost and/or energy.

Resource recovery facilities have screening processes so that potential recyclables and hazardous materials which would otherwise go to landfill can be separated before processing.

Resource recovery is also a priority for the state government and its draft waste strategy sets targets for all local councils to reduce household waste to landfill and increase resource recovery.

### What about health and environmental risks?

The health and well-being of the community and the environment are of utmost priority for EMRC and its member councils and they are taking these decisions very seriously. The facility will operate to strict environmental and health standards. EMRC is currently preparing a Public Environmental Review to assess the potential environmental and health impacts of the facility. It will be submitted to the Environmental Protection Authority for review, and once approved it will be issued for public comment in 2012.

### What types of rubbish will be processed in the facility?

The resource recovery facility will be used to treat municipal solid waste (household rubbish and greenwaste) from residents in the six member council areas. Hazardous waste, tyres and medical waste will not be processed.

### Will kerbside recycling still take place?

Yes! It's important to realise that the resource recovery facility will only process the rubbish from the green-top household rubbish bins. You will keep your recycling bin (or equivalent recycling service), and local councils actively encourage residents to continue recycling and reducing waste as much as possible.

Also, both technology options being considered have the potential to improve recycling rates compared to landfilling. Both will have a screening process for all rubbish so that some recyclables which have been incorrectly placed in ordinary rubbish bins can be separated prior to the waste being processed.



## Common questions about the resource recovery facility

### What are the financial implications?

#### How much will the facility cost?

#### What are the costs to ratepayers?

The resource recovery facility is expected to cost between \$50 and \$150 million depending on the technology and scale of operation. The expected cost to ratepayers is estimated at between \$34 and \$54 per household per year (again depending on the technology option). This takes into account the capital and operating costs over the life of the facility (20 years).

### What financial impact will the proposed federal carbon tax have on the resource recovery facility?

Because of the net reduction in greenhouse gas emissions compared to landfill and taking into account the offsetting of fossil fuel fired power generation, we calculate that the carbon tax will be neutral in its effect on the resource recovery facility (at a price of \$23 per tonne carbon dioxide equivalent).

### What else is being done to reduce waste to landfill?

See over the page for information on the resource recovery park and waste education programs taking place in Perth's Eastern Region.

### What are the next steps in the project?

|      |  |
|------|--|
| 2011 | Submit Public Environmental Review of facility proposal to EPA.  |
| 2012 | Public comment period on Public Environmental Review.<br><br>Obtain environmental and planning approvals.<br><br>After consultation with the member councils and the community, EMRC will decide whether to proceed with the tender process. |
| 2013 | Commence tender process (if approved).<br><br>Evaluate tenders and select preferred tenderer.<br><br>Contract negotiation with preferred tenderer for construction of the facility.  |
| 2014 | Development and works approval.<br><br>Commence construction of the resource recovery facility.  |
| 2015 | Complete construction of resource recovery facility.   |
| 2016 | Operation of resource recovery facility.   |

(Subject to change)

'A Public Environmental Review on the proposed facility will be issued for public comment in 2012 once authorised by the EPA.'



The meeting resumed at 5.19pm at which point Item 6.1 **Outcomes Of The Environmental Impact Assessment Of The Proposed Resource Recovery Facility At Red Hill Waste Management Facility** was dealt with.



## 9.2 RENEWAL OF WASTE MANAGEMENT COMMUNITY REFERENCE GROUP MEMBERSHIPS

**REFERENCE: COMMITTEES-13315**

### PURPOSE OF REPORT

To advise Council of the renewal of memberships and changes in the Terms of Reference for the Waste Management Community Reference Group (WMCRG) members for the term 1 January 2012 to 31 December 2012.

### KEY ISSUES AND RECOMMENDATION(S)

- The term of the current WMCRG expired in December 2010 and was due to be renewed earlier this year but was deferred pending discussions on the future role of the WMCRG.
- WMCRG members have continued to meet on an as required basis throughout 2011 and have expressed an interest in continuing in their current role as the Resource Recovery Project progresses through the environmental approvals phase.
- WMCRG members were asked to renominate for another term to take their involvement to the end of December 2012.
- Acceptances have been received from 13 members, including 2 members from Bassendean, one member each from Bayswater and Belmont, 2 members from Kalamunda, 3 members from Mundaring and 4 members from Swan.
- Ms Dot Kingston has decided not to renew her membership nomination having been one of the founding members of the WMCRG in July 2002.
- The WMCRG Terms of Reference have been amended in respect of the number of members and the tenure of membership as it is not proposed to recruit new members to attempt to achieve the target of a minimum of fifteen members.
- Towards the end of 2012, EMRC officers will give consideration on the future role of the WMCRG and make a recommendation to Council.

### Recommendation(s)

That:

1. The Chief Executive Officer writes to retiring member Ms Dot Kingston on behalf of the EMRC thanking her for her contribution to the group.
2. Council accept the nominations for reappointment to the WMCRG of the following members for the term of 1 January 2012 to 31 December 2012:
  - Ms Tina Klein
  - Mr Peter Pearson
  - Ms Sally Paulin
  - Mr Trevor Brown
  - Mr Anthony Fowler
  - Mr Mark Simpson
  - Ms Ruth Balding
  - Mr Edwin Dell
  - Ms Dianne Katscherian
  - Mr Berry Ambrose
  - Mr Malcolm Barker
  - Mr Ray Lewis
  - Mr David Strain



Item 9.2 continued

## **SOURCE OF REPORT**

Manager Project Development

## **BACKGROUND**

In December 2005, Council resolved to accept nominations for reappointment of the following WMCRG members from 1 January 2006 to 30 June 2007:

- Mr Peter Pearson
- Mrs Sally Paulin
- Mr Edwin Dell
- Ms Dianne Katscherian
- Mr Ted Brereton
- Ms Ruth Balding
- Ms Dot Kingston
- Mr Berry Ambrose
- Mr Ray Lewis
- Mr Malcolm Barker
- Ms Rachel Roberts
- Mr David Strain

Council also resolved at this meeting to accept the nomination for reappointment of Ms Janet Gee from 1 April 2006 to 30 September 2007.

In March 2006, Council resolved to appoint three new members of the WMCRG for a term of 18 months from 24 March 2006; Mr Anthony Fowler of Kalamunda, Ms Elizabeth Paterson of Cloverdale and Mr Julian Ilich of Kewdale.

In October 2009, Ms Janet Gee resigned from the WMCRG upon being elected to Council at the City of Belmont.

In April 2010, Council resolved to accept the nominations for WMCRG membership from Ms Tina Klein and Mr Trevor Brown.

## **REPORT**

The term of the current WMCRG expired in December 2010 and was due to be renewed earlier this year but was deferred pending discussions on the future role of the WMCRG. The WMCRG has continued to meet in 2011 as scheduled with the last meeting for the year scheduled for 21 November 2011.

Following discussions at the 8 August 2011 WMCRG meeting, members were asked to renominate for another term until the end of 2012.





## Item 9.2 continued

The following thirteen renominations were received:

- Ms Tina Klein
- Mr Peter Pearson
- Ms Sally Paulin
- Mr Trevor Brown
- Mr Anthony Fowler
- Mr Mark Simpson
- Ms Ruth Balding
- Mr Edwin Dell
- Ms Dianne Katscherian
- Mr Berry Ambrose
- Mr Malcolm Barker
- Mr Ray Lewis
- Mr David Strain

The members are distributed in the following Council areas:

| Member Council Area | WMCRG members  | No.       |
|---------------------|--|-----------|
| Bassendean          | Tina Klein, Peter Pearson                              | 2         |
| Bayswater           | Sally Paulin (co-opted)                                | 1         |
| Belmont             | Trevor Brown   | 1         |
| Kalamunda           | Anthony Fowler, Mark Simpson                           | 2         |
| Mundaring           | Ruth Balding, Edwin Dell, Dianne Katscherian           | 3         |
| Swan                | Berry Ambrose, Malcolm Barker, Ray Lewis, David Strain | 4         |
| <b>Total</b>        |  | <b>13</b> |

Ms Dot Kingston decided not to renominate. Ms Kingston has been a member of the WMCRG since it first met in July 2002 and for most of this period resided in Bassendean, more recently moving to Mundaring and has been a good contributor to the community engagement process.

The EMRC believes that although the representation from the member Council areas is uneven, it is unnecessary to try and recruit additional members at this stage of the project. This was discussed with the WMCRG at the last meeting on 8 August 2011 and it was suggested that WMCRG vacancies could be offered to current Community Task Force (CTF) members. However it is intended to use the CTF more to review the environmental impact assessment and in the lead up to the tender process.

The WMCRG Terms of Reference have been amended in respect of the number of members and the tenure of membership as it is not proposed to recruit new members to attempt to achieve the target of a minimum of fifteen members (refer Attachment). This is based on feedback from current members and the difficulties experienced previously of recruiting new members.

Towards the end of 2012, EMRC officers will give consideration on the future role of the WMCRG and make a recommendation to Council on the best way of continuing the community engagement process taking into account the three groups currently being managed (WMCRG, Community Task Force and the Red Hill Community Liaison Group).



Item 9.2 continued

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

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

## **FINANCIAL IMPLICATIONS**

All costs covered within this report are accounted for in the annual budget approved by Council.

## **SUSTAINABILITY IMPLICATIONS**

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

## ATTACHMENT(S)

Terms of Reference – Waste Management Community Reference Group (Ref: Committees-13330)

## VOTING REQUIREMENT

Simple Majority

## **RECOMMENDATION(S)**

That:

1. The Chief Executive Officer writes to retiring member Ms Dot Kingston on behalf of the EMRC thanking her for her contribution to the group.
2. Council accept the nominations for reappointment to the WMCRG of the following members for the term of 1 January 2012 to 31 December 2012.
  - Ms Tina Klein
  - Mr Peter Pearson
  - Ms Sally Paulin
  - Mr Trevor Brown
  - Mr Anthony Fowler
  - Mr Mark Simpson
  - Ms Ruth Balding
  - Mr Edwin Dell
  - Ms Dianne Katscherian
  - Mr Berry Ambrose
  - Mr Malcolm Barker
  - Mr Ray Lewis
  - Mr David Strain

## **RRC RECOMMENDATION(S)**

MOVED MR LUTEY

SECONDED CR GODFREY



## Item 9.2 continued

That:

1. The Chief Executive Officer writes to retiring member Ms Dot Kingston on behalf of the EMRC thanking her for her contribution to the group.
2. Council accept the nominations for reappointment to the WMCRG of the following members for the term of 1 January 2012 to 31 December 2012:
  - Ms Tina Klein
  - Mr Peter Pearson
  - Ms Sally Paulin
  - Mr Trevor Brown
  - Mr Anthony Fowler
  - Mr Mark Simpson
  - Ms Ruth Balding
  - Mr Edwin Dell
  - Ms Dianne Katscherian
  - Mr Berry Ambrose
  - Mr Malcolm Barker
  - Mr Ray Lewis
  - Mr David Strain

**CARRIED UNANIMOUSLY**

## COUNCIL RESOLUTION(S)

MOVED CR CUCCARO

SECONDED CR CARTER

THAT:

1. THE CHIEF EXECUTIVE OFFICER WRITES TO RETIRING MEMBER MS DOT KINGSTON ON BEHALF OF THE EMRC THANKING HER FOR HER CONTRIBUTION TO THE GROUP.
2. COUNCIL ACCEPT THE NOMINATIONS FOR REAPPOINTMENT TO THE WMCRG OF THE FOLLOWING MEMBERS FOR THE TERM OF 1 JANUARY 2012 TO 31 DECEMBER 2012:
  - MS TINA KLEIN
  - MR PETER PEARSON
  - MS SALLY PAULIN
  - MR TREVOR BROWN
  - MR ANTHONY FOWLER
  - MR MARK SIMPSON
  - MS RUTH BALDING
  - MR EDWIN DELL
  - MS DIANNE KATSCHERIAN
  - MR BERRY AMBROSE
  - MR MALCOLM BARKER
  - MR RAY LEWIS
  - MR DAVID STRAIN

**CARRIED UNANIMOUSLY**

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**1. GROUP FORMATION**

The Reference Group is formed by the Eastern Metropolitan Regional Council (EMRC) for the purposes indicated in these Terms of Reference.

**2. GROUP NAME**

The Reference Group shall be known as the “Waste Management Community Reference Group” (hereinafter referred to as the WMCRG).

**3. GROUP PURPOSE**

The WMCRG shall:

- a. Provide ongoing input and feedback to Council through the Resource Recovery Committee (RRC) on the Community Waste Education Program;
- b. Assist the EMRC with the development of further educational (ie. communicative, participatory, consultative) requirements for the Community Waste Education Program, by identifying the information needs of different groups in the community;
- c. Provide feedback on the development of key performance indicators for the ongoing monitoring of the Community Waste Education Program;
- d. Assess the social, environmental, economic and technical issues associated with proposed resource recovery technologies and report to the RRC;
- e. Provide advice and recommendations to Council, through the RRC, on issues associated with resource recovery technologies including site selection and technology selection; and
- f. Work with the environmental, social and economic sectors in an inclusive manner to achieve balanced outcomes for future waste management in the region.

**4. EMRC COMMITMENT**

The EMRC is committed to providing opportunities for public involvement in its Resource Recovery project for the Eastern metropolitan region. Public involvement in this process will be multi faceted, typically incorporating a mix of educational, consultative and participatory methods.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**5. GROUP MEMBERSHIP**

- a. The WMCRG shall consist of up to fifteen (15) members not including relevant EMRC staff (ie Waste Education Coordinator and Manager Project Development and RRC members where appropriate) and a facilitator (as required).
- b. The RRC and the WMCRG may together consider the inclusion of others who have not sought to nominate at the initial stages but who may have an interest in participating at a later date.
- c. Membership shall be by invitation based on Expressions of Interest. Members shall be appointed by the EMRC or by the RRC based on the following:
  - Up to five (5) representatives from the social sector, with nominations to be approved by the RRC;
  - Up to five (5) representatives from the economic sector, with nominations to be approved by the RRC; and
  - Up to five (5) representatives from the environmental sector, with nominations to be approved by the RRC.
- d. Members shall be selected from residents or non-resident property owners in the member Councils of the EMRC or alternatively, people with appropriate qualifications and background may be co-opted as WMCRG members.

**6. TENURE OF MEMBERSHIP**

- a. Membership shall be for a period of 18 months, unless otherwise agreed, however, retiring members are eligible for re-appointment.
- b. Members may apply for a leave of absence of not more than 4 consecutive regular monthly meetings.
- c. Leave of absences can be approved by the WMCRG.
- d. Where a person is appointed as a member of the WMCRG the person's membership on the WMCRG continues until:
  - The term of the person's appointment as a WMCRG member expires;
  - The EMRC removes the person from the WMCRG or the position of a WMCRG member otherwise becomes vacant;
  - The WMCRG is disbanded or;
  - A WMCRG member is absent from more than 3 regular monthly meetings without being granted a leave of absence.

Whichever happens first.
- e. Nominations will be reviewed by the EMRC or the RRC after 18 months of operation.
- f. The call for nominations will be initiated by the EMRC four (4) months prior to membership renewal date.
- g. Nominees will be confirmed by the EMRC or the RRC one month prior to membership renewal.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

- h. Where there is a shortfall in the membership of persons appointed to the WMCRG, the EMRC or the RRC will initiate a selection process for additional members.
- i. Re-appointment and re-nominations to the WMCRG will be approved by Council.
- j. The organisations of the various sectors from which EMRC may seek nominations include, but are not limited to:
  - Social Sector – Service Groups, Recreation Associations, Ratepayer Associations, Community Groups, other Interest Groups and Householders;
  - Economic Sector – Chamber of Commerce, Business Associations, Tourism Associations, Groups or Individuals with Business Interests;
  - Environmental Sector – Environmental Groups, Peak Environmental Organisations, Landcare Groups, Catchment Groups, Groups or Individuals with Environmental Interests.

**7. GROUP MEETINGS**

- a. Ordinary meetings of the WMCRG shall be held on a monthly basis initially, commencing in July 2002. Frequency of meetings may be adjusted by the WMCRG.
- b. Meeting location shall be at the EMRC. However, the WMCRG may, by resolution, decide to hold meetings at another place regularly, or from time to time.
- c. Meetings shall normally commence at 6.00pm unless otherwise resolved by the WMCRG.
- d. Administrative support and meeting requirements for the WMCRG shall be provided by the EMRC.
- e. Special meetings of the WMCRG may be convened by:
  - The WMCRG by resolution; or
  - The EMRC; or
  - The RRC.
- f. On the scheduling of special meetings by the EMRC or the RRC, written notice will be given to all members of the WMCRG not less than seven days before the meeting and advising of the matter to be discussed at the meeting.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**8. INVITEES**

- a. Meetings will be open to the public unless otherwise determined by the WMCRG.
- b. The Chairperson of the WMCRG may invite individuals or representatives from appropriate organisations to observe the proceedings of WMCRG meetings or to provide advice to the WMCRG on matters being considered by the WMCRG.
- c. Such persons shall not be entitled to vote on any decision arising out of that meeting.
- d. The WMCRG may close to members of the public the meeting, or part of the meeting, if the meeting or the part of the meeting deals with any of the following:
  - A matter affecting an employee or employees;
  - The personal affairs of any person;
  - A contract entered into, or which may be entered into, by the WMCRG and which relates to a matter to be discussed at the meeting;
  - Legal advice obtained, or which may be obtained, by the EMRC and which relates to a matter to be discussed at a meeting;
  - A matter that if disclosed, would reveal:
    - a) A trade secret;
    - b) Information that has a commercial value to a person; or
    - c) Information about the business, professional, commercial or financial affairs of the person.
  - Where the trade secret or information is held by, or is about, a person other than the local government.
- e. The WMCRG may resolve to close the meeting to the public to consider confidential matters.
- f. If the meeting is closed to members of the public, the WMCRG has the right to determine if members of the public can remain.
- g. At the discretion of the Chairperson, consultants remaining when the meeting is closed to the public, may be required to sign a confidentiality agreement prior to the meeting proceeding.
- h. A decision to close a meeting or part of meeting and the reason for the decision are to be recorded in the minutes of the meeting.
- i. Question Time for the Public
  - The WMCRG will allow appropriate questions from the public;
  - Time is to be allocated for questions to be raised by members of the public and responded to at the meeting of the WMCRG of which the question was asked;
  - The question must relate to a function of the WMCRG;
  - A minimum of 15 minutes is to be allowed;
  - The Chairperson determines the procedure to follow;
  - Question time must precede any decision making process of the WMCRG; and
  - A summary of the question and answers must be included in the minutes.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**9. MINUTES OF MEETINGS**

- a. The EMRC will provide administrative support for the keeping of minutes.
- b. The Chairperson of the WMCRG is to ensure that minutes are kept of the meeting's proceedings.
- c. The minutes of a meeting of the WMCRG are to be submitted to the next ordinary meeting of the RRC, as the case requires, for confirmation.
- d. The Chairperson of the WMCRG is to verify the minutes prior to their circulation to the WMCRG.
- e. Minutes shall be distributed to all members of the WMCRG and to any other person at the discretion of the EMRC.
- f. The minutes of the meeting shall be referred to the RRC for consideration of any recommendations.
- g. Recommendations from the WMCRG shall be effective only after adoption by the EMRC.

**10. QUORUM FOR MEETINGS**

- a. The quorum for meetings of the WMCRG shall be at least 50% of the total number of members of the WMCRG.
- b. A recommendation of the WMCRG does not have effect unless it has been made by a simple majority unless otherwise required.

**11. VOTING**

- a. Each WMCRG member who is present at a meeting of the WMCRG is entitled to one vote.
- b. If the votes of WMCRG members present at a meeting are equally divided, the Chairperson may cast a second vote.
- c. If a WMCRG member specifically requests that there be recorded:
  - his or her vote; or
  - the vote of all members present;

on a matter voted on at a WMCRG meeting, the Chairperson is to cause the vote or votes, as the case may be, to be recorded in the minutes.
- d. All other aspects related to voting procedure shall be consistent with relevant sections of the EMRC Standing Orders, Local Law 1998.



**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**12. MEETING RULES**

a. Meeting Procedure

- All meetings shall be held in accordance with the principles of Council's By-laws Relating to Standing Orders, in summary, these include:
  - The need to see a quorum is present;
  - To ensure voting is always conducted so that no person's vote is secret;
  - To ensure the names of members present are recorded;
  - To ensure observers do not vote;
  - To record when members arrive at and leave meetings;
  - To ensure that only those matters within the terms of reference of the WMCRG are discussed at WMCRG meetings;
  - To ensure the names of movers (and seconders) of all motions are recorded;
  - To ensure declarations of financial and proximity interests or interests affecting impartiality and the nature of any interest are recorded;
  - To ensure that the minutes of any previous meetings are confirmed and signed; and
  - To declare meetings open or closed or adjourned where appropriate.
- The Chairperson must ensure that the principles of the local laws relating to the conduct of meetings are understood and complied with.
- The WMCRG is to remain focussed on issues related to resource recovery, ensuring that all items tabled and discussed are consistent with the terms of reference.
- For matters not included within the agenda refer to item 3.19 of the EMRC Standing Orders.

**13. ELECTION OF CHAIRPERSON**

- a. The members of the WMCRG are to elect a chairperson from amongst themselves.
- b. The members of the WMCRG are to elect a deputy chairperson from amongst themselves.
- c. If in relation to the Chairperson of the WMCRG, the Chairperson is not available or is unable or unwilling to perform the functions of Chairperson, then the deputy Chairperson, if any, may perform the functions of the Chairperson.
- d. If in relation to the Chairperson of the WMCRG, the deputy Chairperson is not available or is unable or unwilling to perform the functions of Chairperson, then the WMCRG members present at the meeting are to choose one of themselves to preside at the meeting.
- e. An independent facilitator may be engaged to facilitate discussion.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**14. ROLE OF CHAIRPERSON**

- a. The Chairperson will chair meetings of the WMCRG, verify minutes and act as a point of contact for the EMRC officer responsible for assisting with these duties.
- b. The duties of the Chairperson include:
  - The possibility of casting a second vote if there is a tied vote of members;
  - To see that the names and the way persons voted are recorded if so required by any member;
  - To see that minutes are kept and confirmed at the next meeting;
  - To see that meetings are open to the public where agreed upon by the WMCRG members and are only closed in accordance with the provisions set out in clause 8 of these terms of reference; and
  - To see that question time is being dealt with in accordance with the guidelines and EMRC Standing Orders.

**15. ROLE OF WMCRG MEMBERS**

- a. Bring to the WMCRG their expertise and experience to assist the WMCRG by way of recommendations to the RRC to assist the RRC make recommendations in the areas covered by the terms of reference.
- b. Debate issues relevant to the terms of reference.
- c. Raise items for consideration by the WMCRG. These may require an officer to research and prepare a report for the reference group's consideration at a subsequent meeting.
- d. To discuss position papers and reports developed by the RRC and/or EMRC, which have been submitted to the WMCRG for deliberation.
- e. Provide expert advice where qualified to do so.
- f. Recognise that EMRC, because of the requirements of law, is required to make its own decision with regard to any advice placed before it.
- g. To be open and honest in their dealings with WMCRG meetings.
- h. To declare any vested interests.
- i. To respect any confidentiality requirements requested by the EMRC.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**16. ROLE OF EMRC OFFICERS**

- a. To provide a venue for the meetings.
- b. To provide technical support.
- c. To provide administrative support.
- d. To offer a monitoring and communication role for the RRC and EMRC.
- e. To operate within their area of expertise or specific interest.
- f. Undertake research and investigation as recommended by the WMCRG subject to suitable funding arrangements.
- g. Facilitate funding for external requirements through the EMRC where appropriate.
- h. To encourage member participation, ownership of input and sense of achievement.
- i. To encourage agenda items to be sourced from members noting research and report of officers may be required.
- j. Be part of the process of developing advice to the EMRC.
- k. Assist the Chairperson and other members to set meetings around all members' availability.
- l. To suggest agenda items and topics for the WMCRGs' consideration and contribute towards reports on these items and topics.
- m. To declare any vested interests.

**17. ROLE OF THE FACILITATOR**

The EMRC may engage the services of a professional Facilitator from time to time to assist in the meetings of the WMCRG. The Facilitator will act as a neutral party to matters arising from discussions of the WMCRG. The key role of the Facilitator is to ensure that the process of the Group discussions and decision-making is inclusive and transparent.

The Facilitator will also assist the EMRC in planning and implementing a public communication process, which will enable members of the wider public to be aware of the progress and decisions of the WMCRG.

**18. AGENDAS**

- a. Agendas for WMCRG meetings and any other material associated with the agenda with the exception of matters identified which may require confidentiality by the CEO of the EMRC are to be available to the public for examination from the time they are available to members of the WMCRG.

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
***Terms of Reference and Roles of Members and Officers***

**19. NEW BUSINESS OF AN URGENT NATURE**

- a. Where possible, it should be ensured that important matters that are to be discussed by the WMCRG are included on the agenda of the WMCRG. This ensures that any member of the public or any councillor has the opportunity to attend that WMCRG meeting to hear the discussion on the matter if they so wish. This openness is designed to ensure that all are aware of what is to be discussed and therefore allowing them to make an informed choice about attending that meeting.

**20. INSURANCE COVER**

WMCRG members are covered by EMRC's insurance policy as outlined hereunder and which may be amended from time to time.

- **Personal Accident and Travel**

- i. Whilst engaged on business of the WMCRG and under the control of the WMCRG including whilst travelling directly to or from such business.
- ii. Cover comprises a lump sum payout for defined events – i.e. death, loss of limb, loss of sight, etc and reimbursement for medical expenses which are not reclaimable from Medicare (either in full or in part).

**WASTE MANAGEMENT COMMUNITY REFERENCE GROUP**  
**Terms of Reference and Roles of Members and Officers**

**TABLE OF BENEFITS**

| <b>Insured Events</b><br>Injury resulting directly in:  |     | <b>The Compensation</b><br>(being a % of the sum insured stated in the Schedule = \$200,000)  |
|---|-----|---|
| 1. Death  | 1   | \$200,000   |
| 2. Permanent total disablement (income earners only)  | 2   | \$200,000   |
| 3. Permanent and incurable paralysis of all limbs (Quadriplegia)  | 3   | \$200,000   |
| 4. Permanent total loss of sight of both eyes   | 4   | \$200,000   |
| 5. Permanent total loss of sight in one eye   | 5   | \$200,000   |
| 6. Permanent total loss of use of two limbs (paraplegia)  | 6   | \$200,000   |
| 7. Permanent total loss of use of one limb  | 7   | \$200,000   |
| 8. Permanent and incurable insanity   | 8   | \$200,000   |
| 9. Permanent total loss of hearing in:  |     |   |
| a. both ears  | 9a  | \$200,000   |
| b. one ear  | 9b  | \$100,000   |
| 10. Permanent total loss of four fingers and thumb of either hand   | 10  | \$150,000   |
| 11. Permanent total loss of the lens of one eye   | 11  | \$100,000   |
| 12. Permanent total loss of use of four fingers of either hand  | 12  | \$100,000   |
| 13. Third degree burns and /or resultant disfigurement which covers more than 40% of the entire external body | 13  | \$100,000   |
| 14. Permanent total loss of use of one thumb of either hand   |     |   |
| a. three joints   | 15a | \$30,000  |
| b. two joints   | 15b | \$30,000  |
| c. one joint  | 15c | \$10,000  |
| 15. Permanent total loss of use of toes or either foot:   |     |   |
| a. all – one foot   | 16a | \$30,000  |
| b. great – both joints  | 16b | \$10,000  |
| c. great – one joint  | 16c | \$6,000   |
| d. other than great, each toe   | 16d | \$2,000   |
| 16. Fractured leg or patella with established non union   | 17  | \$20,000  |
| 17. Shortening of leg by at least 5cm   | 18  | \$20,000  |
| 18. Permanent disability not otherwise provided for under insured   | 19  | Such % as determined but not inconsistent with benefits for 9 to 18 inclusive but not exceeding \$150,000 of the capital sum insured. |
| Events 9 to 18 inclusive  |     |   |

**21. WMCRG EXPENSES REIMBURSEMENT**

- a. Expenses of WMCRG members will be met by the EMRC for return travel from their normal residence to meetings of the WMCRG.
- b. Travel expenses will be calculated in accordance with current EMRC procedures and submitted to the EMRC responsible officer for reimbursement.



### **9.3 INVESTIGATION INTO THE FEASIBILITY OF CONVERTING WOODWASTE AND OTHER RESIDUALS AT HAZELMERE INTO RENEWABLE POWER**

**REFERENCE: COMMITTEES-13323**

#### **PURPOSE OF REPORT**

To advise Council of a proposed investigation into the feasibility of pyrolysing woodwaste and other residuals at the EMRC's Hazelmere site.

#### **KEY ISSUES AND RECOMMENDATION(S)**

- The Hazelmere timber recycling operation generates woodchip and other fine material from the electrically powered grinder.
- It is proposed to investigate the feasibility of converting part of the woodwaste material and other residuals into renewable power and biochar using pyrolysis technology developed by Ansac Pty Ltd at their Bunbury operations.
- A two stage study is proposed, involving a basic engineering assessment followed by a detailed engineering study.
- The project is intended to be collaboration between EMRC, Ansac, Verve Energy and UWA's Centre for Energy for which a memorandum of understanding will be drafted.
- The project partners will seek Federal funding support from the Clean Energy Initiatives Fund at the appropriate time.

#### **Recommendation(s)**

That:

1. Council approve EMRC participation in a project to establish the feasibility of pyrolysis of wood waste and other residuals at Hazelmere Timber Recycling Centre involving an initial feasibility study followed by a second stage detailed engineering study.
2. The outcomes of the first stage feasibility study will be reported to Council and approval sought to proceed with the second stage feasibility study.

#### **SOURCE OF REPORT**

Manager Project Development.

#### **BACKGROUND**

Previous report items to the Resource Recovery Committee have covered the EMRC's interest in the Ansac pyrolysis technology and the preparation and supply of a 30 tonne sample of refuse derived fuel (RDF) in conjunction with the City of Swan (refer Report item 9.1, RRC Meeting 4 August 2011). EMRC and City of Swan officers have visited the Ansac Bunbury site on several occasions, most recently in July 2011 to inspect the pilot plant and observe the processing of the RDF material.

#### **REPORT**

Ansac Pty Ltd manufacture kilns for the mining industry for the regeneration of carbon used in gold mining, oil heaters and a range of valves for solids handling. They have installed a pilot plant at their Bunbury premises and have developed the technology to pyrolyse wood and a range of other materials including RDF supplied by the City of Swan. The process generates synthesis gas and a solid char product. They have recently received their first order for a pyrolysis plant to process RDF in the UK.



*Item 9.3 continued*

The EMRC is interested in establishing the feasibility of a small scale pyrolysis plant at Hazelmere to generate renewable power and biochar from wood waste residues from the timber recycling operation and other residual waste. The electricity produced would power the new wood grinder and other future Resource Recovery Park operations. The biochar would be marketed in the agricultural sector as a soil improver and as a means of fixing carbon in the soil if this can be proven. The plant would process between 10,000 to 20,000 tonnes of wood waste per year and generate between 2 and 3 MW of renewable power.

Such a development would be quite separate from the proposed Resource Recovery Facility proposed for Red Hill Waste Management Facility which would be processing mixed municipal waste on a much larger scale. Council has resolved that the technology for the Resource Recovery Facility proposed for Red Hill Waste Management Facility will be limited to anaerobic digestion and gasification.

It is proposed to establish the feasibility of a small scale operation at Hazelmere as a collaborative effort with Ansac together with input from Verve Energy and UWA Centre for Energy under a memorandum of understanding. If the initial feasibility of the pyrolysis of wood waste can be established it is proposed to undertake a second more detailed study which will be a detailed engineering study and involve the specification of the plant equipment required and a better capital cost estimate. The first stage feasibility study will cost in the order of \$15,000 and will be funded from the existing annual budget under Resource Recovery. The second stage engineering study will involve expenditure of about \$160,000 and could also be funded from the Resource Recovery budget by reallocating capital expenditure from cost centre 24399/00.JH - Construct and Commission Resource Recovery Park to cost centre 72884/00.JF – Evaluate Resource Recovery Park Options. Discussions with other consortium members will be held to determine what, if any, funds they are able to contribute to stage 1 and 2 costs. Council approval is sought to approve the development activity in principle and for the budget reallocation.

Council will be informed of the outcome of the initial feasibility study and if this proves viable, Council approval will be sought before starting the second stage feasibility study.

Having established the initial feasibility of the project, it is proposed to seek Federal government funding for the demonstration plant under the Clean Technology Innovation Program, a \$200 million program operating over 5 years with the first round in early 2012. This program provides grants of between \$50,000 and \$5 million on a matching funding basis for early stage commercialisation activities that lead to the development of new clean technologies including low emission and energy efficient solutions that reduce greenhouse gas emissions. This funding would have to be sought by Ansac because the applications are limited to incorporated businesses in Australia (a non- tax exempt company incorporated under the Corporations Act 2001) which undertake manufacturing activities in Australia. If such a grant was successful, this could fund up to half of the cost of the demonstration pyrolysis facility, with the EMRC funding the remainder of the capital investment (estimated to be around \$2 million) together with the two stage feasibility costs. At the end of the project, EMRC would own and operate the asset.

At the successful completion of the two stage feasibility study, the first part of which will take between 10 and 15 weeks, concluding around February/March 2012, and pending the outcome of the Federal Government grant funding application, Council approval will be sought to proceed with establishing a small scale pyrolysis plant at Hazelmere. The detailed engineering study and the application to the Clean Technology Innovation Program would occur in the first half of 2012.

The overall objective of the project will be for the EMRC to own and operate a small scale pyrolysis plant to generate renewable power and biochar from woodwaste and perhaps other homogenous residual waste from the Hazelmere operation and for Ansac to be able to demonstrate their pyrolysis technology at a commercial scale at a local facility, backed up by their technical support. UWA's Centre for Energy will assist with the grant application; provide engineering design input, analysis of plant syngas and emissions and research that may be required. Verve Energy will assist with access to the Western Power grid and marketing of the exported power and may contribute to some of the feasibility costs.



*Item 9.3 continued*

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.3 To provide resource recovery and recycling solutions in partnership with member Councils
- 1.4 To investigate leading edge waste management practices

## **FINANCIAL IMPLICATIONS**

The annual budget provides for an amount of \$215,500 in cost centre 24399/00.JH - Construct and Commission Resource Recovery Park and an amount of \$10,000 in cost centre 72884/00.JF – Evaluate Resource Recovery Park Options.

## **SUSTAINABILITY IMPLICATIONS**

The Resource Recovery Project is aimed at reducing greenhouse gas emissions from the EMRC's waste disposal operations and State programmes for reduction of waste to landfill.

## **MEMBER COUNCIL IMPLICATIONS**

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

## **ATTACHMENT(S)**

Nil

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That:

1. Council approve EMRC participation in a project to establish the feasibility of pyrolysis of woodwaste and other residuals at Hazelmere Timber Recycling Centre involving an initial feasibility study followed by a second stage detailed engineering study.
2. The outcomes of the first stage feasibility study will be reported to Council and approval sought to proceed with the second stage feasibility study.





*Item 9.3 continued*

Discussion ensued

The Manager Project Development summarised the report.

**RRC RECOMMENDATION(S)**

MOVED CR RADFORD

SECONDED CR GODFREY

That:

1. Council approve EMRC participation in a project to establish the feasibility of pyrolysis of woodwaste and other residuals at Hazelmere Timber Recycling Centre involving an initial feasibility study followed by a second stage detailed engineering study.
2. The outcomes of the first stage feasibility study will be reported to Council and approval sought to proceed with the second stage feasibility study.

**CARRIED UNANIMOUSLY**

**COUNCIL RESOLUTION(S)**

MOVED CR CUCCARO

SECONDED CR CARTER

THAT:

1. COUNCIL APPROVE EMRC PARTICIPATION IN A PROJECT TO ESTABLISH THE FEASIBILITY OF PYROLYSIS OF WOOD WASTE AND OTHER RESIDUALS AT HAZELMERE TIMBER RECYCLING CENTRE INVOLVING AN INITIAL FEASIBILITY STUDY FOLLOWED BY A SECOND STAGE DETAILED ENGINEERING STUDY.
2. THE OUTCOMES OF THE FIRST STAGE FEASIBILITY STUDY WILL BE REPORTED TO COUNCIL AND APPROVAL SOUGHT TO PROCEED WITH THE SECOND STAGE FEASIBILITY STUDY.

**CARRIED UNANIMOUSLY**



**10 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC**

Nil

**11 GENERAL BUSINESS**

Nil

**12 FUTURE MEETINGS OF THE RESOURCE RECOVERY COMMITTEE**

The next meeting of the Resource Recovery Committee will be held on **Thursday, 2 February 2012** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 5.00pm.

**Future Meetings 2012**

|          |                           |    |                            |
|----------|---------------------------|----|----------------------------|
| Thursday | 2 February                | at | EMRC Administration Office |
| Thursday | 8 March (if required)     | at | EMRC Administration Office |
| Thursday | 5 April                   | at | EMRC Administration Office |
| Thursday | 10 May (if required)      | at | EMRC Administration Office |
| Thursday | 7 June                    | at | EMRC Administration Office |
| Thursday | 5 July (if required)      | at | EMRC Administration Office |
| Thursday | 9 August                  | at | EMRC Administration Office |
| Thursday | 6 September (if required) | at | EMRC Administration Office |
| Thursday | 4 October                 | at | EMRC Administration Office |
| Thursday | 22 November (if required) | at | EMRC Administration Office |

**13 DECLARATION OF CLOSURE OF MEETING**

There being no further business, the Chairman closed the meeting at 6.15pm.



## 16 REPORTS OF DELEGATES

Cr Pittaway provided an update on his recent attendance at a Municipal Waste Advisory Council (MWAC) meeting where the Waste Levy had been discussed. There was also a newspaper article in "The West Australian" on 5 December 2011 and a copy of the article was tabled at the meeting. Cr Pittaway felt that all Councillors should be raising with the government the issue of funds from the Waste Levy as there is a lot of funding available but very little funding is being distributed to metropolitan councils. Cr Pittaway also thanked the Director Waste Services for his participation at the MWAC meetings.

## 17 MEMBERS MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

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

Nil

## 19 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil

## 20 FUTURE MEETINGS OF COUNCIL

The next meeting of Council will be held on **Thursday 16 February 2012** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 6.00pm.

### Future Meetings 2012

|                       |                            |    |                            |
|-----------------------|----------------------------|----|----------------------------|
| Thursday              | 16 February                | at | EMRC Administration Office |
| Thursday              | 22 March (if required)     | at | EMRC Administration Office |
| Thursday              | 19 April                   | at | EMRC Administration Office |
| Thursday              | 24 May (if required)       | at | EMRC Administration Office |
| Thursday              | 21 June                    | at | EMRC Administration Office |
| Thursday              | 19 July (if required)      | at | EMRC Administration Office |
| Thursday              | 23 August                  | at | EMRC Administration Office |
| Thursday              | 20 September (if required) | at | EMRC Administration Office |
| Thursday              | 18 October                 | at | EMRC Administration Office |
| Thursday              | 6 December                 | at | EMRC Administration Office |
| January 2013 (recess) |                            |    |                            |

## 21 DECLARATION OF CLOSURE OF MEETING

There being no further business, the meeting was closed at 7.13pm.