



MINUTES

CERTIFICATION OF CONFIRMATION OF COMMITTEE MEETING MINUTES

17 NOVEMBER 2011

I, Cr Cuccaro, hereby certify that the following minutes pages 1 to 43 of the Meeting of **RESOURCE RECOVERY COMMITTEE** held on 17 November 2011 were confirmed at a meeting of the Committee held on 8 March 2012.



Signature

Cr Tony Cuccaro

Person presiding at the Committee Meeting held on 8 March 2012

RESOURCE RECOVERY COMMITTEE

MINUTES

17 November 2011

(REF: COMMITTEES-13130)

A meeting of the Resource Recovery Committee was held at the EMRC Administration Office, 1st 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 (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
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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	Town of Bassendean
Cr Alan Radford	City of Bayswater
Cr Glenys Godfrey	City of Belmont
Cr Frank Lindsey	Shire of Kalamunda
Cr Tony Cuccaro	Shire of Mundaring
Cr David Färdig	City of Swan

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



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

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 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 my self, _____ 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	Town of Bassendean
Cr Alan Radford	City of Bayswater
Cr Glenys Godfrey	City of Belmont
Cr Frank Lindsey	Shire of Kalamunda
Cr Tony Cuccaro	Shire of Mundaring
Cr David Färdig	City of Swan

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



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

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 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 my self, _____ 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

First Name, Last name



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

Acceptable Tenderers as at 1 September 2011	Technology Offered at EOI Stage
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

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)

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

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@rgang.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



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.

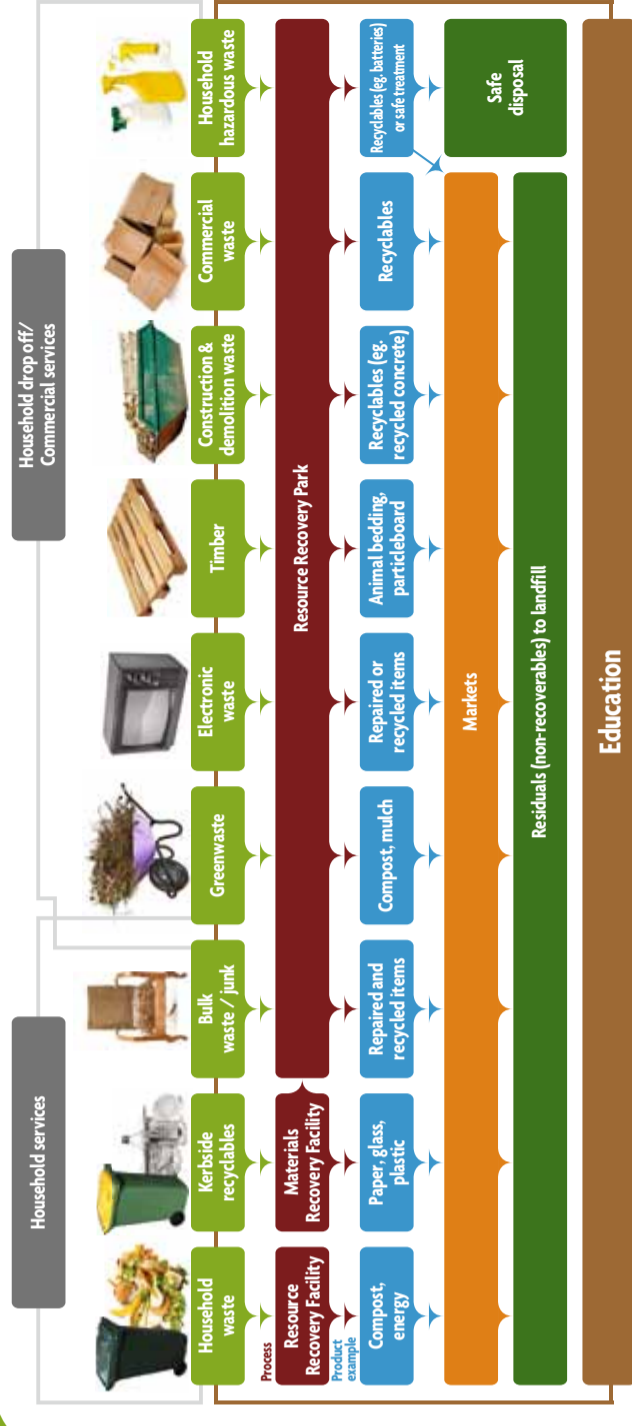
Only one of the two technology options will be constructed at Red Hill, and a final decision on the chosen technology will be made at the conclusion of the tender process in 2013.

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

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 receipt, 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



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. Obtain environmental and planning approvals. 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). Evaluate tenders and select preferred tenderer. Contract negotiation with preferred tenderer for construction of the facility.
2014	Development and works approval. Commence construction of the resource recovery facility.
2015	Complete construction of resource recovery facility.
2016	Operation of resource recovery facility. <small>(Subject to change)</small>

'A Public Environmental Review on the proposed facility will be issued for public comment in 2012 once authorised by the EPA.'

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.

The goals are:
Goal 1: Ensure strong community involvement and communication;

Goal 2: Enhance community education and waste recycling;

Goal 3: Ensure prudent financial performance and long-term viability;

Goal 4: Achieve high quality operations and monitoring;

Goal 5: Minimise the impact on human health and the environment; and

Goal 6: Provide attractive landscaping and site aesthetics.

How will the CPA be used?

The CPA will form part of the tender documents which tenderers will have to address. Long-term, the document is meant to provide indicators through which EMRC and facility operators can benchmark the facility's performance on agreed social, environmental and economic outcomes, and report these back to the community.

A copy of the final CPA is available for download at www.emrc.org.au, or call (08) 9424 2222 to receive a hard copy.



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
Total		13

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 (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
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 - 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:
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 - 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 the 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
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TABLE OF BENEFITS

Insured Events Injury resulting directly in:		The Compensation (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 a 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

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

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

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



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, 1st 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.