

## TECHNICAL ADVISORY COMMITTEE

### MINUTES

16 April 2009

(REF: COMMITTEES-9236)

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, 16 April 2009**. The meeting commenced at **3.30pm**

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## 1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 3.33pm.

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

### Committee Members

Mr Simon Stewert-Dawkins	Director Operational Services	Town of Bassendean
Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Mahesh Singh ( <b>Chairman</b> )	Executive Manager, Engineering Services	Shire of Kalamunda
Mr Shane Purdy ( <b>Deputy Chairman</b> )	Executive Manager, Infrastructure Services	Shire of Mundaring
(from 3.36pm)		
Mr Jim Coten	Executive Manager, Operational and Development Services	City of Swan
Mr Peter Schneider	Acting Chief Executive Officer	EMRC

### Apologies

Mr Gavin Watters	Chief Executive Officer	EMRC
Mr Ric Lutey	Director Technical Services	City of Belmont
Mr Kevin Davidson	Manager, Health and Ranger Services	City of Belmont

### EMRC Officers

Mr Adam Johnson	Executive Manager, Waste Management Services
Mr Peter Schneider	Acting Chief Executive Officer
Ms Rhonda Hardy	Executive Manager, Regional Services
Mr Stephen Fitzpatrick	Manager, Project Development
Mr Johan Le Roux	Manager Engineering Waste Management Services (Observer)
Ms Mary-Ann Winnett	Personal Assistant to the Executive Manager Corporate Services (Minutes)
Ms Bonnie Kinsman	Administration Officer
Ms Terri-Ann Ashton	Manager, Administration and Compliance (Observer)
Ms Pina Martino	Administration Support Officer

### EMRC Apologies

Mr Brian Bushby	Manager Operations
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## 3 DISCLOSURE OF INTERESTS

Nil



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

Nil

**5 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS**

**5.1 MINUTES OF TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 12 FEBRUARY 2009**

That the Minutes of the Technical Advisory Committee meeting held on 12 February 2009, which have been distributed, be confirmed.

**TAC RESOLUTION(S)**

MOVED MR COTEN

SECONDED MR PEARSON

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 12 FEBRUARY 2009, 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 ELECTRONIC WASTE MANAGEMENT IN PERTH'S EASTERN REGION

REFERENCE: COMMITTEES - 9089

#### PURPOSE OF REPORT

To advise Council of the cost to the EMRC of managing electronic waste, and to propose a charge for the recycling of e-waste items at the Red Hill Transfer Station.

#### KEY ISSUES AND RECOMMENDATIONS

- In June 2008 the EMRC introduced a trial e-waste collection service at the Red Hill Transfer Station and Household Hazardous Waste collection days.
- Since the introduction of the service, the EMRC has recycled over 29 tonnes of e-waste at a cost of almost \$16,500.
- A report commissioned by the EMRC in 2008, suggests 720 tonnes of e-waste is awaiting disposal in Perth's Eastern Region at an estimated disposal cost of over \$400,000 plus collection infrastructure, transport and education.
- E-waste is growing 3-5% faster than the rate of general municipal waste, suggesting the quantity and cost noted above will grow at a similar rate.
- Discussions with federal government, state government and industry, indicate mandatory extended producer responsibility (EPR) for e-waste is at least two years away, and voluntary EPR is more than six months away pending state government financial support.

#### Recommendations

That:

1. Council, by an absolute majority, in accordance with section 6.16 of the *Local Government Act 1995*, introduce a recycling fee of \$4.55 (ex. GST) per computer, computer monitor or television at the Red Hill Transfer Station.
2. Local public notice be given of the above fee proposed to take effect from 14 May 2009.

#### SOURCE OF REPORT

Executive Manager, Waste Management Services  
Market Development Officer – Resource Recovery

#### BACKGROUND

The issue of managing e-waste for Perth's Eastern Region was first brought to Council's attention in the 17 December 2007 Information Bulletin. The information bulletin stated:

*"To ensure that the EMRC is as confident as can be reasonably expected that the electronic waste it sends off for recycling is not polluting the environment in other countries, EMRC officers are investigating the recycling operations of a number of companies."*

A thorough investigation of e-waste recyclers was undertaken in 2008 by EMRC and Southern Metropolitan Regional Council officers, and four organisations were identified as 'credible e-waste recyclers'.

At its meeting dated 4 December 2008, Council resolved:

- "1. COUNCIL ENDORSE THE DRAFT STRATEGIC WASTE MANAGEMENT PLAN.
2. THE STRATEGIC WASTE MANAGEMENT PLAN BE SUBMITTED TO EACH MEMBER COUNCIL FOR APPROVAL, WITH NOTIFICATION OF APPROVAL TO BE RECEIVED BY THE END OF FEBRUARY 2009."



*Item 9.1 continued*

Improved management of e-waste was identified in the Strategic Waste Management Plan (SWMP), with the first recommendation being to “develop a series of trials for the collection of e-waste”.

An e-waste collection service was introduced in June 2008 at the Red Hill Transfer Station and at monthly Household Hazardous Waste (HHW) Disposal Days in each of the member Councils. The service has led to the collection of 29.7 tonnes of e-waste.

## **REPORT**

### ***What is e-waste?***

E-waste includes various types of electronic and electrical waste which have ceased to be of any value to their owners, including all components, sub assemblies and consumables which are part of the product at the time of discarding. Common e-waste items include computers, computer accessories, printers, scanners, fax machines, televisions, video players, DVD players and stereo equipment.

The disposal of e-waste can represent a significant health and safety risk to the general public and workers in the waste management industry due to the presence of toxins and heavy metals. These toxins and heavy metals, particularly lead and mercury, can be a source of contamination in landfill leachate and are a topical point for environmental groups.

### ***How is the EMRC currently managing e-waste?***

Local government in WA fundamentally accepts the economic burden of managing e-waste, whether it is handling it in landfill, collecting illegally dumped e-waste or implementing diversion programs for its recycling.

At the request of member Councils, the EMRC has collected some e-waste at monthly HHW disposal days, a service established in 2003 and fully funded by the EMRC. In 2007/2008, an average of 20 e-waste items were taken by residents to HHW disposal days, but quantities are growing; 116 items were collected at the City of Bayswater HHW disposal day in January 2009. A new State funded, metropolitan area wide HHW collection programme was established at the end of 2008, and is proposed to replace the existing EMRC funded service. This programme does not include e-waste.

In June 2008, the EMRC introduced an e-waste recycling service at the Red Hill Transfer Station. Since introducing the service, the EMRC has recycled over 29.7 tonne (2,198 items) of e-waste at a cost of almost \$16,500. Red Hill is one of few locations residents can safely dispose of e-waste in Western Australia.

### ***Expected costs if EMRC's e-waste recycling service continues***

A report commissioned by the EMRC and Southern Metropolitan Regional Council (SMRC) indicates there is up to 4,000 tonnes per year of e-waste currently available for recycling in the Perth metropolitan area, or 720 tonnes per year in Perth's Eastern Region. The cost to recycle 720 tonnes of e-waste would be over \$400,000 plus infrastructure, staffing, transportation and education/communication.

The EMRC's current provider of e-waste recycling is Claw Environmental. There is some uncertainty about the future viability of Claw Environment. Using alternative e-waste recyclers would result in recycling costs increasing by an estimated 30%.

### ***Future directions for e-waste in WA***

Discussions with the Department of Environment and Conservation (DEC) and Australian Information Industry Association (AIIA) suggest that the introduction of any mandatory federal extended producer responsibility (EPR) scheme is at least two years away.

In the interim, the Western Australian Waste Authority has acknowledged that a transitional program may be required, including funding for joint initiatives with industry to manage e-waste at a state level. At best, that transitional program will not commence until after the WA Waste Strategy is adopted (expected to be September 2009). The EMRC is working with the other metropolitan Regional Councils, WALGA, AIIA and the DEC to scope a metropolitan wide e-waste collection and recycling programme for consideration by the Waste Authority.



*Item 9.1 continued*

Until the transitional program is established, the EMRC will continue to incur significant costs for its e-waste collection service, and immediate financial assistance has been sought from the Waste Authority to recoup some of the costs associated with e-waste collection and recycling services.

***Why we need an e-waste solution for Perth's Eastern Region?***

**Resource recovery:** Electronic goods contain valuable, non-renewable resources, making it environmentally preferable to recycle these items rather than landfill them. Some of the minerals used in electronic goods (e.g. Indium used in LCD screens) have as little as 13 years of global reserves remaining.

**Community expectation:** There is a community expectation for local councils to provide facilities for the recycling of e-waste. This expectation is supported by the quantities collected to date.

**Impacts on landfill:** The circuitry, wiring, casings and screens of e-waste contain trace elements which are potentially harmful to humans and the environment in the long term.

**Future proofing** It would be helpful to have collection infrastructure and programmes in place that can immediately connect into any voluntary or mandatory EPR schemes.

***Options available to EMRC Council***

There are five short-term options available to manage e-waste for Perth's Eastern Region:

***1. End Perth's Eastern Region's only e-waste recycling service***

The most economically viable option for the EMRC is to end its current service. However, when looking for the solution that offers the best social benefits for residents and has minimal impact on the environment, ending this service is clearly not the best option.

***2. Continue the existing service***

The EMRC would need to commit at least \$3,000 per month until funding is provided by state government or industry. The costs would increase substantially if the programme was promoted or expanded.

***3. Reduce the items accepted***

Restricting the recycling bin to computers or televisions only would reduce recycling costs by approximately 30% per month. The EMRC would still be required to commit at least \$2,100 per month until state Government or industry funding is available. Although this provides a better option than ending the service altogether, eliminating either computers or televisions (and inevitably sending them to landfill) gives the false impression that one has less impact on the environment than the other.

***4. Charge a disposal fee at the gate***

On average, it costs the EMRC \$9.18 (inc GST) to recycle each piece of e-waste collected. Implementing a \$5.00 recycling charge would cover some, but not all, of the costs currently imposed on the EMRC. The EMRC would accept the financial burden of bin hire, transportation and promotion/education.

***5. Increase the general waste fee for cars, trailers and utilities***

Increasing the general waste disposal fee for cars, trailers and utilities would generate increased revenue to cover the cost of EMRC's e-waste recycling service. This option would disadvantage those not disposing of e-waste. The general waste disposal fee for cars, trailers and utilities would need to be increased by 6% to generate the \$3,000 per month required to cover the e-waste recycling costs. The increase is in addition to the 2-8% increase proposed in the draft fees and charges, representing an extra \$0.88 (inc GST) for a car load of waste through to \$2.88 (inc GST) more for a tandem trailer.

The fourth option has merit because it is able to be clearly noted as a transitional provision to be removed upon the introduction of a metropolitan wide e-waste programme. It also has the potential to act as a lobbying tool for the Waste Authority to expedite a metropolitan wide e-waste programme.



*Item 9.1 continued*

The fee is proposed to be levied on all computers, computer monitors and televisions received at the Red Hill Transfer Station. The fee is not proposed to be applied to waste being delivered in trucks, including waste from Council verge-side collections, because of the difficulties in removing the waste from landfill.

Introducing a new fee is acknowledged to increase the risk of illegal dumping of e-waste, and the problem will be monitored. A report to Council on the progress of the fee is proposed for the December 2009 meeting.

### **STRATEGIC/POLICY IMPLICATIONS**

The introduction of a charge for the recycling of e-waste will help improve member Council and EMRC financial viability. It will also help achieve three objectives of key result area 1 (Environmental Sustainability) in *EMRC's Strategic Plan for the Future 2008/09-2013/14*:

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

### **FINANCIAL IMPLICATIONS**

The income generated from the e-waste recycling charge is estimated to be \$15,000-\$20,000 per year; however the EMRC will still incur an estimated \$10,000 per year for bin hire, transportation and promotion/education.

### **SUSTAINABILITY IMPLICATIONS**

The introduction of a recycling fee will ensure the Red Hill Waste Management Facility is operated in a socially, environmentally and financially responsible manner.

### **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. E-Waste Recycling Data (Ref: Committees-9168)
2. Assessment of E-Waste Recyclers (Ref: Committees-9167)

### VOTING REQUIREMENT

Absolute Majority



*Item 9.1 continued*

### **RECOMMENDATION(S)**

That:

1. Council, by an absolute majority, in accordance with section 6.16 of the *Local Government Act 1995*, introduce a recycling fee of \$4.55 (ex. GST) per computer, computer monitor or television at the Red Hill Transfer Station.
2. Local public notice be given of the above fee proposed to take effect from 14 May 2009.

Mr Pearson asked how the charge would affect electronic waste collected at member Council Household Hazardous Waste (HHW) collection days. The Executive Manager Waste Management Services advised that the EMRC is proposing to remove e-waste collection from HHW days, and it was anticipated that an item will be presented to Council at its May 2009 meeting.

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

MOVED MR COTEN

SECONDED MR PEARSON

That:

1. Council, by an absolute majority, in accordance with section 6.16 of the *Local Government Act 1995*, introduce a recycling fee of \$4.55 (ex. GST) per computer, computer monitor or television at the Red Hill Transfer Station.
2. Local public notice be given of the above fee proposed to take effect from 14 May 2009.

**CARRIED UNANIMOUSLY**

### **COUNCIL RESOLUTION(S)**

MOVED CR MCKECHNIE

SECONDED CR PULE

THAT:

1. COUNCIL, BY AN ABSOLUTE MAJORITY, IN ACCORDANCE WITH SECTION 6.16 OF THE *LOCAL GOVERNMENT ACT 1995*, INTRODUCE A RECYCLING FEE OF \$4.55 (EX. GST) PER COMPUTER, COMPUTER MONITOR OR TELEVISION AT THE RED HILL TRANSFER STATION.
2. LOCAL PUBLIC NOTICE BE GIVEN OF THE ABOVE FEE PROPOSED TO TAKE EFFECT FROM 14 MAY 2009.

**CARRIED UNANIMOUSLY**

## EMRC E-Waste Recycling Costs (2008)

PGM REFINERS										CLAW ENVIRONMENTAL			
Product	24-July-2008			26-August-2008			31-October-2008				31-December-2008		
	# items	%	\$	# items	%	\$	# items	%	\$		# items	%	\$
Desktops	35	13.16%		72	15.22%		37	22.56%	\$0.55	CRT	66	22.76%	\$0.60
TVs (CRT, LCD)	53	19.92%	\$291.50	31	6.55%	\$170.50	44	26.83%	\$0.55	Notebook	20	6.90%	\$0.40
Monitors	54	20.30%	\$297.00	115	24.31%	\$632.50	19	11.59%	\$0.55	PC's	35	12.07%	\$0.40
Printers	13	4.89%		68	14.38%		55	33.54%	\$0.55	Power	0	0.00%	\$0.40
Photocopiers	0	0.00%		0	0.00%		0	0.00%	\$0.55	Printers	46	15.86%	\$0.40
Microwaves	21	7.89%		10	2.11%		0	0.00%	\$0.55	Stereos	38	13.10%	\$0.40
Scanners	30	11.28%		15	3.17%		0	0.00%	\$0.55	Sundries	34	11.72%	\$0.40
VCRs/DVDs	0	0.00%		15	3.17%		8	4.88%	\$0.55	TV Sets	51	17.59%	\$0.60
Miscellaneous	60	22.56%		147	31.08%		1	0.61%	\$0.55	Vacuum	0	0.00%	\$0.40
<b>TOTAL # ITEMS</b>	<b>266</b>			<b>473</b>			<b>164</b>				<b>290</b>		
Recycling Cost	\$588.50			\$803.00			\$1,352.00				\$2,025.17		
Transport	\$385.00			\$385.00			\$350.00				\$165.00		
Bin Hire	\$0.00			\$0.00			\$0.00				\$50.00		
<b>TOTAL COST</b>	<b>\$973.50</b>			<b>\$1,188.00</b>			<b>\$1,702.00</b>				<b>\$2,240.17</b>		
<b>WEIGHT (KG's)</b>	<b>3734</b>			<b>4166</b>			<b>2459</b>				<b>3,770</b>		
<b>AV \$/ITEM</b>	<b>\$3.66</b>			<b>\$2.51</b>			<b>\$10.38</b>				<b>\$7.72</b>		
<b>AV KGs/ITEM</b>	<b>14.04</b>			<b>8.81</b>			<b>14.99</b>				<b>13.00</b>		

**TOTAL**      **AV.**  
 1,193      298.25  
 \$4,768.67      \$1,192.17  
  
 \$6,103.67      \$1,525.92  
 14,129.00      3,532.25  
  
 \$6.07  
 12.71

## EMRC E-Waste Recycling Costs (2009)

CLAW ENVIRONMENTAL																					
	27-January-2009			SWAN HHW DAY			BAYSWATER HHW DAY			10-February-2009			BELMONT HHW			06-March-2009			31-March-2009		
	# items	%	\$	# items	%	\$	# items	%	\$	# items	%	\$	# items	%	\$	# items	%	\$	# items	%	\$
CRT	88	27.67%	\$0.60	18.00	41.86%	\$0.60	47.00	40.52%	\$0.60	38.00	17.92%	\$0.60	42.00	38.18%	\$0.60	43.00	20.87%	\$0.60	52.00	28.26%	\$0.60
Notebooks	0	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40
PC's	63	19.81%	\$0.40	4.00	9.30%	\$0.40	30.00	25.86%	\$0.40	44.00	20.75%	\$0.40	38.00	34.55%	\$0.40	39.00	18.93%	\$0.40	21.00	11.41%	\$0.40
Power Cond	0	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40
Printers	26	8.18%	\$0.40	6.00	13.95%	\$0.40	18.00	15.52%	\$0.40	17.00	8.02%	\$0.40	12.00	10.91%	\$0.40	20.00	9.71%	\$0.40	26.00	14.13%	\$0.40
Stereos	36	11.32%	\$0.40	7.00	16.28%	\$0.40	5.00	4.31%	\$0.40	22.00	10.38%	\$0.40	2.00	1.82%	\$0.40	28.00	13.59%	\$0.40	26.00	14.13%	\$0.40
Sundries	45	14.15%	\$0.40	8.00	18.60%	\$0.40	0.00	0.00%	\$0.40	35.00	16.51%	\$0.40	8.00	7.27%	\$0.40	29.00	14.08%	\$0.40	17.00	9.24%	\$0.40
TV Sets	60	18.87%	\$0.60	0.00	0.00%	\$0.60	16.00	13.79%	\$0.60	52.00	24.53%	\$0.60	8.00	7.27%	\$0.60	47.00	22.82%	\$0.60	42.00	22.83%	\$0.60
Vacuum	0	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	4.00	1.89%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40	0.00	0.00%	\$0.40
<b>TOTAL # ITEMS</b>	<b>318</b>			<b>43.00</b>			<b>116.00</b>			<b>212.00</b>			<b>110.00</b>			<b>206.00</b>			<b>184.00</b>		
Recycling Cost	\$2,786.30			\$293.61			\$975.59			\$2,050.52			\$855.58			\$2,005.85			\$1,641.86		
Transport Cost	\$357.50									\$325.00			\$40.00			\$350.00			\$350.00		
Bin Hire	\$50.00									\$50.00						\$50.00			\$50.00		
<b>TOTAL COST</b>	<b>\$3,193.80</b>			<b>\$293.61</b>			<b>\$975.59</b>			<b>\$2,425.52</b>			<b>\$895.58</b>			<b>\$2,405.85</b>			<b>\$2,041.86</b>		
<b>WEIGHT (KG's)</b>	<b>4,797</b>			<b>524</b>			<b>1,693</b>			<b>3,567</b>			<b>1,499</b>			<b>3,517</b>			<b>2,783</b>		
<b>AV \$/ITEM</b>	<b>\$10.04</b>			<b>\$6.83</b>			<b>\$8.41</b>			<b>\$11.44</b>			<b>\$8.14</b>			<b>\$11.68</b>			<b>\$11.10</b>		
<b>AV KGs/ITEM</b>	<b>15.08</b>			<b>12.19</b>			<b>14.59</b>			<b>16.83</b>			<b>13.63</b>			<b>17.07</b>			<b>15.13</b>		

394.00      33.14%  
 20.00      1.68%  
 274.00      23.04%  
 0.00      0.00%  
 171.00      14.38%  
 164.00      13.79%  
 176.00      14.80%  
 276.00      23.21%  
 4.00      0.34%  
**TOTAL**      **AV**  
 1,189      169.86  
 \$10,609.31      \$1,515.62  
  
 \$12,231.81      \$1,747.40  
 18,380.00      2,625.71  
  
 \$9.66  
 14.93

	Av/month	
<b>TOTAL # ITEMS</b>	2,382	264.67
<b>TOTAL COST</b>	\$18,335.48	\$2,037.28
<b>WEIGHT (KG's)</b>	32,509.00	3,612.11





## 9.2 REGIONAL INVESTMENT PLAN

### REFERENCE: COMMITTEES-9099

#### PURPOSE OF REPORT

To seek Council endorsement of the Regional Investment Plan (RIP).

#### KEY ISSUES AND RECOMMENDATION(S)

- The Department of Environment and Conservation (DEC) initiated a pilot funding programme for local government in October 2008 to replace the defunct Resource Recovery Rebate Scheme.
- The pilot scheme is to run until the end of 2009, and calls for a Regional Investment Plan (RIP) to be developed consistent with the region's Strategic Waste Management Plan (SWMP). The RIP is to identify waste projects on a regional basis.
- Funding under the RIP is allocated based upon the number of Councils and population in the regional grouping (regional Council in the case of the EMRC). \$258,135 has been allocated to the EMRC for the pilot phase.

#### Recommendation(s)

That Council endorse the draft Regional Investment Plan in Attachment 1.

#### SOURCE OF REPORT

Executive Manager, Waste Management Services

#### BACKGROUND

The Regional Investment Plan (RIP) is developed from an endorsed Strategic Waste Management Plan (SWMP). In the case of the EMRC's SWMP, Council resolved at its December 2008 meeting that:

1. *COUNCIL ENDORSE THE DRAFT STRATEGIC WASTE MANAGEMENT PLAN IN ATTACHMENT 1.*
2. *THE ENDORSED STRATEGIC WASTE MANAGEMENT PLAN BE SUBMITTED TO EACH MEMBER COUNCIL FOR APPROVAL, WITH NOTIFICATION OF APPROVAL TO BE RECEIVED BY THE END OF FEBRUARY 2009.*

All Councils with the exception of the Shire of Kalamunda approved the SWMP before the end of February 2009. The Shire of Kalamunda will consider the SWMP at its April 2009 meeting.

#### REPORT

A draft RIP has been prepared, consistent with the SWMP, applying the whole of the \$258,135 available to the EMRC for regional waste management projects. The RIP identifies six projects to be delivered by the end of December 2009:

- **Strategic Waste Management Officer.** Implementing the SWMP and progressing investigations and planning for the Hazelmere Resource Recovery Park. Total Budget: \$90,000. Waste Authority Investment: \$70,000.
- **Greenhouse and Waste Plan.** Identifying opportunities across the waste management activities of member Councils for greenhouse gas reduction. Total Budget: \$45,000. Waste Authority Investment: \$30,000.



*Item 9.2 continued*

- **Household Hazardous Waste (HHW) Storage Upgrade.** Upgrading the current unsealed, fenced HHW compound at Red Hill to an all weather shed on a concrete slab. Total Budget: \$50,000. Waste Authority Investment: \$50,000.
- **Organics Processing Facility at Chidlow.** Establishing a composting facility at the Mathieson Road, Chidlow site, potentially to receive green waste from both Mundaring transfer stations. Total Budget: \$100,000. Waste Authority Investment: \$68,135.
- **Steel Extraction from Landfill.** Conducting a trial on removing steel from the landfill face using an excavator with electromagnet. Total Budget: \$25,000. Waste Authority Investment: \$25,000.
- **Waste Management Improvements.** Investigating options for providing better recycling services to Small to Medium Enterprises, as well as investigating better models for the collection and disposal of asbestos. Total Budget: \$40,000. Waste Authority Investment: \$15,000.

### **STRATEGIC/POLICY IMPLICATIONS**

The RIP enables the Waste Authority to invest in the SWMP, and the SWMP in turn serves as the strategy to deliver waste services to Perth's Eastern Region over the next five years. This particular RIP enables the EMRC to:

- Provide sustainable waste disposal operations;
- Improve regional waste management;
- Provide resource recovery and recycling solutions in partnership with member Councils; and
- Investigate leading edge waste management practices.

### **FINANCIAL IMPLICATIONS**

The RIP incorporates \$350,000 worth of expenditure to the end of December 2009. This total is made up of:

- \$258,135 from the Waste Authority
- \$61,865 in in-kind support from the EMRC (largely in salaries to implement projects)
- \$20,000 as a financial contribution from the Shire of Mundaring
- \$10,000 in member Council staff salaries to deliver particular projects

### **SUSTAINABILITY IMPLICATIONS**

The RIP is targeted at addressing environmental, financial and social implications of waste management in a broad and holistic manner.





Protecting Perth's Eastern Region 

## Regional Investment Plan



Pilot Phase

Perth's Eastern Region



TEL (08) 9424 2222 FAX (08) 9277 7598 EMAIL [mail@emrc.org.au](mailto:mail@emrc.org.au) WEB [www.emrc.org.au](http://www.emrc.org.au)

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DRAFT

# **1 Introduction**

## **1.1 Regional Group Name**

The regional grouping is the Eastern Metropolitan Regional Council (EMRC).

## **1.2 Regional Group Members**

The members of the EMRC are:

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

DRAFT

## 2 Goals and Targets

### 2.1 Process used to determine regional priorities

A regional Strategic Waste Management Plan (SWMP) has been developed for all six member Councils of the EMRC. The SWMP is quite detailed, specifying projects down to individual tasks, estimating a cost to deliver each task and providing indicative timelines for each. The RIP is developed directly from the SWMP.

The SWMP was endorsed by the EMRC at its 4 December 2008, and provided to each of the member Councils for their endorsement by the end of February 2009. All Councils except for the Shire of Kalamunda met that deadline. Endorsement dates are listed below:

Town of Bassendean	24 February 2009
City of Bayswater	24 February 2009
City of Belmont	24 February 2009
Shire of Kalamunda	20 April 2009 (TBC)
Shire of Mundaring	24 February 2009
City of Swan	25 February 2009

### 2.2 Regional goals and targets

#### 2.2.1 Pilot Phase

Key goals for the pilot phase are:

1. Progress development of Hazelmere Resource Recovery Park;
2. Commence implementation of Strategic Waste Management Plan;
3. Develop a secure permanent Household Hazardous Waste storage area;
4. Understand the Region's greenhouse gas emissions in the delivery of waste management services;
5. Investigate means for improving steel recovery from landfill;
6. Consider improved waste management services for Small to Medium Enterprises and asbestos waste; and
7. Construct a composting facility at the Mathieson Road transfer station.

#### 2.2.2 Five Year Outlook

Goals for the next five years centre upon the reduction of environmental impacts from waste management, and provision of improved services and infrastructure for waste. The goals cover a range of areas, with 47 individual actions to be addressed in the achievement of the overall goal.

Specific targets have not been set for the overall goal, however improvement is anticipated across all of the areas covered.

### **3 Overview**

#### **3.1 Linkages with Waste Authority Investment Criteria**

The projects identified address the following criteria set out by Waste Authority:

- research and development directly related to system improvements or implementation;
- feasibility studies;
- employment of staff to implement projects developed and funded through this model;
- legal fees, consultants fees for preparation of reports and strategies;
- construction of facilities i.e. MRF's, Resource Recovery Plants;
- education/behaviour change programs to educate local community on new programs/activities implemented through model;

#### **3.2 Total Waste Authority Investment**

The total Waste Authority investment is \$258,135.

## 4 Project Briefs

### 4.1 Project Brief 1: Strategic Waste Management Officer

**Total Project Budget**

\$90,000

**Total Waste Authority Investment**

\$70,000

**Project Description**

The Strategic Waste Management Plan identifies some 47 individual actions to be delivered with in excess of 140 tasks associated with the delivery of the actions. The SWMP envisages 63 tasks to be delivered in the 2008/09 financial year (of which a substantial number have already been delivered), and a further 41 in the 2009/10 financial year. The orderly development of this work needs resourcing.

In addition to the delivery of the SWMP, the Hazelmere Resource Recovery Park (RRP) requires significant human resources to progress it beyond the current concept planning stage. This includes the preparation of plans, business cases, agreements, designs and approval documentation.

It is proposed that the EMRC recruit a Strategic Waste Management Officer for an initial contract term of one year, with the position to be reviewed at the end of that year. Of that single year, an estimated eight months will be covered by the pilot phase period of the RIP. Further funding of the position will be sought in subsequent RIP rounds.

**How does this project demonstrate continuous improvement and who are the local governments involved?**

The project establishes a role within the EMRC for the delivery of continuous improvement across waste management in the Region. Accordingly, the position is a resource able to be accessed by all member Councils that have endorsed the Strategic Waste Management Plan.

**How does the project address Waste Authority Investment Criteria?**

The project is concerned with the employment of staff to implement the RIP and SWMP. The Hazelmere RRP is anticipated in the SWMP, and thus this role will also fulfil the investment criterion of enabling the construction of facilities.

**Partner Organisations and their role in the project: N/A****Project Manager/Contact Person details:**

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 1 May 2009

End: 30 April 2010

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Define role	Position description completed	Apr 09	\$14,000
2. Recruitment	Recruit position	Officer hired	May 09	\$66,000
3 Report to DEC	Report on activities over year	Report provided to DEC	Dec 09	\$10,000
<b>Total Project Budget</b>				<b>\$90,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council	In-kind	Other sources
Salaries (including on-costs)	Salary for role	\$90,000	\$70,000		\$20,000	
Consultants						
Capital items						
Non-capital items						
Other						
Total Project Expenditure		\$90,000	\$70,000		\$20,000	
Income						
<b>Net Project cost</b>		\$90,000	\$70,000		\$20,000	

## 4.2 Project Brief 2: Greenhouse and Waste Plan

### **Total Project Budget**

\$45,000

### **Total Waste Authority Investment**

\$30,000

### **Project Description**

In developing the SWMP, it became clear that quantifying emissions of greenhouse gases from member Council waste service delivery was complex, particularly where areas not covered by the Carbon Pollution Reduction Scheme are incorporated (such as fugitive emissions of hydrofluorocarbons and perfluorocarbons from the disposal of refrigerators). Similarly, identifying potential areas for improvement is equally difficult.

The Greenhouse and Waste Plan is intended to better define the scope of the problem and its potential resolution. It is proposed to utilise Encycle in an extension of greenhouse gas research they are currently undertaking for the EMRC. This project is task A3.1 of the SWMP.

### **How does this project demonstrate continuous improvement and who are the local governments involved?**

The project identifies potential opportunities in the management of greenhouse gas emissions from the delivery of waste services by member Councils, and thus enables action to be taken to control their future emission.

### **How does the project address Waste Authority Investment Criteria?**

The project enables system improvements, commissioning a consultant to prepare a report on opportunities for greenhouse gas abatement in the waste management sector of member Councils.

### **Partner Organisations and their role in the project: N/A**

### **Project Manager/Contact Person details:**

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 30 April 2009

End: 30 June 2009

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Scope of work	Agree scope of work	Apr 09	\$6,000
2. Report preparation	Data gathering	Data collected from Councils	May 09	
	Data analysis	Report with data gaps and abatement options	Jun 09	
3 Report to DEC	Report on work	Report provided to DEC	Jun 09	\$39,000
<b>Total Project Budget</b>				<b>\$45,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council	In-kind	Other sources
Salaries (including on-costs)						
Consultants	Encycle consultancy	\$45,000	\$30,000		\$15,000	
Capital items						
Non-capital items						
Other						
Total Project Expenditure		\$45,000	\$30,000		\$15,000	
Income						
<b>Net Project cost</b>		\$45,000	\$30,000		\$15,000	

### 4.3 Project Brief 3: Household Hazardous Waste Storage Upgrade

**Total Project Budget**

\$50,000

**Total Waste Authority Investment**

\$50,000

**Project Description**

The current primary storage facility for Household Hazardous Waste (HHW) collected in the region is the Red Hill Waste Management Facility (except where it is removed directly from collection days by the collection contractor). The Red Hill storage facility comprised multi-goods within a fenced compound. The area was not roofed or bunded, and has been highlighted as a key risk of environmental pollution.

The project involves the construction of a concrete slab and large shed within which all HHW can be stored for processing and subsequent removal. The upgrade will enable HHW to be handled in all weather, and substantially reduce the risk of environmental harm. This project is task A1.4 of the SWMP.

**How does this project demonstrate continuous improvement and who are the local governments involved?**

This project upgrades an unroofed and unsealed chemical storage area to a fully enclosed compound with a separate drainage sump. It demonstrates improvement in the reduction of environmental risk. It will provide for storage of HHW collected from residents of all member Councils.

**How does the project address Waste Authority Investment Criteria?**

The project enables system improvements through the upgrade of an existing facility.

**Partner Organisations and their role in the project: N/A****Project Manager/Contact Person details:**

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 30 April 2009

End: 30 June 2009

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Define works	Quotation documents	Apr 09	\$10,000
2. Construction	Conduct works	Upgraded HHW store	May 09	
3 Report to DEC	Report on work	Report provided to DEC	Jun 09	\$40,000
<b>Total Project Budget</b>				<b>\$50,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council	In-kind	Other sources
Salaries (including on-costs)						
Consultants						
Capital items	Upgraded storage	\$50,000	\$50,000			
Non-capital items						
Other						
Total Project Expenditure		\$50,000	\$50,000			
Income						
<b>Net Project cost</b>		<b>\$50,000</b>	<b>\$50,000</b>			

#### 4.4 Project Brief 4: Organics Processing Facility at Chidlow

**Total Project Budget**

\$100,000

**Total Waste Authority Investment**

\$68,135

**Project Description**

The Shire of Mundaring operates three waste transfer stations, two of which are major facilities receiving significant quantities of waste (Coppin Road, Mundaring and Mathieson Road, Chidlow). Both sites receive large volumes of green waste, totalling to in excess of 6,000 tonnes between them. All green waste received is currently shredded and removed to a composting facility, either at Red Hill or elsewhere. Some of the composted mulch is carted back to the transfer stations for use by residents.

The project involves the establishment of an organics processing facility at the Mathieson Road transfer station in Chidlow. The site has sufficient land to develop a composting facility, and would receive all green waste from both Mundaring transfer stations. The facility would improve transport logistics and the utilisation of mulch within the region. Existing rubble stockpiled on site would be crushed for use in constructing the composting hardstand. This project is action C5 of the SWMP, encompassing actions C5.1-C5.3.

**How does this project demonstrate continuous improvement and who are the local governments involved?**

This project develops a local organics processing facility, improving the resilience of local green waste processing and providing a local source of composted mulch for Council and residents alike. The local government involved is the Shire of Mundaring.

**How does the project address Waste Authority Investment Criteria?**

The project involves the construction of a new facility for organics processing.

**Partner Organisations and their role in the project:**

Where possible, recycled concrete will be used in the construction of the hardstand. This may be purchased from C&D Recycling.

**Project Manager/Contact Person details:**

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 30 April 2009

End: 31 December 2009

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Design facility	Design and specification documents	May 09	\$14,000
2. Approvals	Planning approval	Planning approval obtained	Jul 09	
	Environmental approval	Environmental approval obtained	Jul 09	
3. Construction	Provide water to site	Water supplied to processing area	Aug 09	\$20,000
	Establish hardstand	Hardstand built	Nov 09	\$60,000
3 Report to DEC	Report on work	Report provided to DEC	Dec 09	\$6,000
<b>Total Project Budget</b>				<b>\$100,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council*	In-kind	Other sources
Salaries (including on-costs)		\$11,865			\$11,865	
Consultants						
Capital items	Upgraded storage	\$88,135	\$68,135	\$20,000		
Non-capital items						
Other						
Total Project Expenditure		\$100,000	\$68,135	\$20,000	\$11,865	
Income						
<b>Net Project cost</b>		<b>\$100,000</b>	<b>\$68,135</b>	<b>\$20,000</b>	<b>\$11,865</b>	

\* Council contribution to be made by Shire of Mundaring

## 4.5 Project Brief 5: Steel Extraction from Landfill

### Total Project Budget

\$25,000

### Total Waste Authority Investment

\$25,000

### Project Description

Notwithstanding efforts to remove steel before it is delivered to the landfill face, the SWMP identifies the potential for steel recycling to be undertaken at the landfill face at the Red Hill Waste Management Facility. An excavator with an electromagnet fitted is proposed for the steel removal. Action B10.1 indicates that a trial of two weeks would demonstrate the effectiveness and efficiency of such an approach.

The action has been amended to provide for a longer trial of one month along with the hire of a bin for the storage of recovered steel. The trial will document the quantity of steel removed, the cost of removal and any operational problems raised through the steel extraction.

### How does this project demonstrate continuous improvement and who are the local governments involved?

The project demonstrates continual improvement in the trial of a new method (in WA) for removing steel from landfill. If the method proves to be successful, the quantities of steel recycled will increase. The project will deal with waste from all member Councils, and may lead to optimised steel recovery from vergeside collections.

### How does the project address Waste Authority Investment Criteria?

The project involves research and development directly related to system improvements or implementation, as well as gathering data for a feasibility study into landfill based steel recycling.

### Partner Organisations and their role in the project: N/A

### Project Manager/Contact Person details:

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 30 April 2009

End: 31 December 2009

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Define objectives of trial	Measures for trial	May 09	\$5,000
2. Conduct trial	Steel removal at landfill	Data collected regarding recover	Nov 09	
3 Report to DEC	Report on work	Report on trial effectiveness.	Dec 09	\$20,000
<b>Total Project Budget</b>				<b>\$25,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council	In-kind	Other sources
Salaries (including on-costs)						
Consultants						
Capital items						
Non-capital items	Excavator and bin hire	\$25,000	\$25,000			
Other						
Total Project Expenditure		\$25,000	\$25,000			
Income						
<b>Net Project cost</b>		\$25,000	\$25,000			

## 4.6 Project Brief 6: Waste Management Improvements

### Total Project Budget

\$40,000

### Total Waste Authority Investment

\$15,000

### Project Description

This project investigates the potential for introduction of improved waste management and recycling services to Small to Medium Enterprises (SME's), and looks to improve asbestos collection and disposal across in the Region.

SME's are generally poorly served by recycling services. The possibility of improving waste management for SME's was identified in the SWMP as a potential means of both improving the financial viability of SME's and reducing their waste disposed of to landfill. This part of the project is to identify the extent of improvements that might be achieved through providing enhanced services to SME's.

The improvement of asbestos collection and disposal has profound financial and human health implications across much of the Region, as asbestos was a building material of choice for many of the older homes. This part of the project consider the opportunities for improvement.

### How does this project demonstrate continuous improvement and who are the local governments involved?

The project demonstrates improvement in both recycling collected as well as management of a problematic waste stream. The investigation into providing services to SME's will indirectly affect all member Councils, as will investigations into the management of asbestos, the the City of Belmont is most likely to be affected by improved asbestos management because it already has an asbestos collection service.

### How does the project address Waste Authority Investment Criteria?

The project involves the improvement of systems for recycling and asbestos management.

### Partner Organisations and their role in the project: N/A

### Project Manager/Contact Person details:

Adam Johnson

Executive Manager Waste Management Services

Eastern Metropolitan Regional Council

(08) 9424 2223, [adam.johnson@emrc.org.au](mailto:adam.johnson@emrc.org.au)

**Project Duration (including start and finish dates):**

Start: 30 April 2009

End: 31 December 2009

**Project Details**

Milestone	Activities	Outcomes	Completion	Expenditure
1. Initial payment of 20% upon signing of contract with DEC	Define project	Scope of work for two project components	May 09	\$3,000
2. SME investigation	Conduct SME recycling investigation	Report into potential for SME services	Nov 09	\$10,000
3. Asbestos investigation	Conduct investigation into better asbestos management	Report into improved management	Nov 09	\$20,000
3 Report to DEC	Report on work	Report on: - SME's - Asbestos	Dec 09	\$7,000
<b>Total Project Budget</b>				<b>\$40,000</b>

**Detailed Project Budget**

Expenditure	Description	Total	Waste Authority	Council*	In-kind	Other sources
Salaries (including on-costs)		\$25,000		\$10,000	\$15,000	
Consultants		\$15,000	\$15,000			
Capital items						
Non-capital items						
Other						
Total Project Expenditure		\$40,000	\$15,000	\$10,000	\$15,000	
Income						
<b>Net Project cost</b>		\$40,000	\$15,000	\$10,000	\$15,000	

\* Council contribution made by all participating Councils in own staff contribution

## 5 Waste Authority funding requirements

### 5.1 Funding Acknowledgment

Organisations and individuals that receive funding through the Regional Funding Program are required to acknowledge Waste Authority support in all media statements, articles and printed materials associated with the funded activity including advertisements, annual reports, newsletters, brochures, banners, posters and multimedia materials.

Further information on this can be found in Attachment 3 of this document. Please be aware that when signing this RIP you are agreeing to adhere to these guidelines and acknowledge the Waste Authority when referring to the funded project.

### 5.2 General Contract Conditions

- If funds are inappropriately spent DEC may recoup this amount from the regional group.
- If funds are not expended by December 31st 2009 DEC may recoup this amount back from the regional group.
- This process is not a substitute for any other statutory approval process required for any aspect of projects associated with the program and does not imply DEC approval has been granted.
- It is not the intent of the RFP to fund activities that can/should be funded through other Waste Authority programs or schemes.
- A final report is required by all regional groups participating in the RFP. The final report will provide such information as key achievements, project performance against expected outcomes, community and other participation and verification of expenditure.
- Regional groups must retain and provide evidence of expenditure. Final reports provided by all regional groups should provide sufficient evidence of expenditure and be accompanied by the signature of the CEO. If directed to do so by the Waste Authority, the DEC may require a full audited financial statement in accordance with section 80(5) of the *Waste Avoidance and Resource Recovery Act 2007*.

## 6 Regional Investment Plan Approval

This Regional Investment Plan was endorsed by the Eastern Metropolitan Regional Council at its meeting on 30 April 2009.

---

**SIGNED ON BEHALF OF THE EASTERN METROPOLITAN REGIONAL COUNCIL**

---

Peter Schneider

**ACTING CHIEF EXECUTIVE OFFICER**

EASTERN METROPOLITAN REGIONAL COUNCIL

---

DATE

---

**SIGNED ON BEHALF OF THE STATE OF WESTERN AUSTRALIA**

---

Keiran McNamara

**DIRECTOR GENERAL**

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

---

DATE



### **9.3 TENDER 2008/31 - PROVISION OF GARDENING SERVICES AND LAND REHABILITATION WORKS**

**REFERENCE: COMMITTEES-9121**

#### **PURPOSE OF REPORT**

To advise Council of the results of the tender for the Provision of Gardening Services and Land Rehabilitation Works for the Red Hill Waste Management Facility, Hazelmere Recycling Facility and Kalamunda Transfer Station and recommend acceptance of the tender from Spuds Gardening Services.

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

- A tender for the provision of gardening services and land rehabilitation works was advertised in the West Australian newspaper on 17 January 2009.
- Tenders closed on 6 February 2009. Three submissions were received.
- The tender called for provision of gardening services at the Red Hill Waste Management Facility, Hazelmere Recycling Facility and Kalamunda Transfer Station. The contract includes weed maintenance on the Red Hill Farm property and assistance with the annual land rehabilitation programme within the Red Hill Waste Management Facility.

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

That:

1. Council award tender number 2008/31 to Spuds Gardening Services for the period 4 May 2009 to 4 May 2012 in accordance with the table of charges in Attachment 1 to this report with an option of two single year extensions, extended by the CEO subject to satisfactory performance.
2. The contract rates for tender number 2008/31 be adjusted annually using the Consumer Price Index for Perth for the December quarter.

#### **SOURCE OF REPORT**

Engineer, Waste Management Services

#### **BACKGROUND**

The EMRC has ongoing requirements for a contractor to maintain site gardens in a presentable condition, and to assist with preparations for revegetation works at the Red Hill Waste Management Facility. A tender has been developed for these requirements to assist in budgeting.

#### **REPORT**

Tender 2008/31 was advertised on 17 January 2009, and three submissions were received. Tenders were received from:

- Spuds Gardening Services;
- GHEMS Holdings Pty Ltd; and
- Palmgate Nominees Pty Ltd T/A Newscape Contractors.



*Item 9.3 continued*

Tenders were assessed based on the following assessment criteria:

<b>Criterion</b>	<b>Weighting</b>
Demonstrated experience in completing similar projects	30%
Demonstrated experience in working in similar conditions	30%
Tendered price	40%

Spuds Gardening Services scored highly in the experience criteria, as the tenderer is based in Gidgegannup and has substantial experience in similar conditions. Price was scored on a linear regression of the sum of the rates provided; Spuds Gardening Services scored significantly better on a price basis than the other tenderers.

Rates for the following items were provided by each tenderer.

- Quad Bike with boom spray;
- Hand gun spray;
- General labour; and
- General labour with small tools.

Since Spuds Gardening Services scored highest in the overall ranking and had the lowest priced tender, it is the preferred tenderer.

### **STRATEGIC/POLICY IMPLICATIONS**

The contract will enable the EMRC to provide sustainable waste disposal operations by minimising the environmental impact of waste management operations.

### **FINANCIAL IMPLICATIONS**

The annual spend on the contract is anticipated to be about \$48,000 (ex GST). This is comprised of:

<b>Works</b>	<b>Expenditure</b>
Quad Bike with boom spray	\$3,000
Hand gun spray	\$15,000
General labour	\$18,000
General labour with small tools	\$12,000
<b>TOTAL</b>	<b>\$48,000</b>

As the contract has a maximum potential period of five years (three years plus two single year extensions, each extension being subject to satisfactory performance under the contract), the total contract value is \$240,000 (ex GST). CPI adjustments are in addition to the estimated total contract value, with the method of calculating CPI adjustments provided in the tender documents.



Item 9.3 continued

## SUSTAINABILITY IMPLICATIONS

The rehabilitation and revegetation of landfill cells is an important aspect of the Red Hill Waste Management Facility's environmental sustainability. This tender provides for the continuation of support for rehabilitation works.

## 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)

Provision of Gardening Services and Land Rehabilitation Works Schedule of Rates ([Ref: Committees-9122](#))

## VOTING REQUIREMENT

Simple Majority

## RECOMMENDATION(S)

That:

1. Council award tender number 2008/31 to Spuds Gardening Services for the period 4 May 2009 to 4 May 2012 in accordance with the table of charges in Attachment 1 to this report with an option of two single year extensions, extended by the CEO subject to satisfactory performance.
2. The contract rates for tender number 2008/31 be adjusted annually using the Consumer Price Index for Perth for the December quarter.

## TAC RECOMMENDATION(S)

MOVED MR STEWERT-DAWKINS    SECONDED MR PEARSON

That:

1. Council award tender number 2008/31 to Spuds Gardening Services for the period 4 May 2009 to 4 May 2012 in accordance with the table of charges in Attachment 1 to this report with an option of two single year extensions, extended by the CEO subject to satisfactory preference.
2. The contract rates for tender number 2008/31 be adjusted annually using the Consumer Price Index for Perth for the December quarter.

**CARRIED UNANIMOUSLY**





