



City of Nedlands

# ***Minutes***

## ***Sustainable Nedlands Committee Meeting***

***17 September 2012***

**Attention:**

***These minutes are subject to confirmation.***

Prior to acting on any resolution/recommendation of this Committee contained in these minutes, a check should be made of the Minutes of the next meeting of this Committee, to ensure that there has not been a correction made to any resolution / recommendation.

N.B. Committee recommendations that require Council's approval will be presented to Council for approval (via the relevant departmental reports).

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## City of Nedlands

**Minutes of a meeting of the Sustainable Nedlands Committee held in the Council Chambers, 71 Stirling Highway, Nedlands on Monday, 17 September 2012 at 6.00 pm.**

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### **Declaration of Opening**

The Presiding Member declared the meeting open at 6.01pm and drew attention to the disclaimer below.

### **Present and Apologies and Leave of Absence (Previously Approved)**

**Councillors** His Worship the Mayor, RM Hipkins  
Councillor N Shaw (Presiding Member)  
Councillor K Walker Hollywood Ward

**Committee Member** Mr G Davies  
Mr R Griffiths  
Ms B Channon  
Ms B Tyson (from 6.02pm)  
Ms A Pallagi (from 6.06pm)

**Staff** Mr A Melville Acting Director Technical Services

**Community Members** Nil

**Leave of Absence** Nil  
*(Previously Approved)*

**Apologies** Ms K Whyte  
Ms S Hartley

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**1. Public Question Time**

Nil.

**2. Addresses by Members of the Public (only for items listed on the agenda)**

Nil.

**3. Disclosures of Financial Interest**

The Presiding Member reminded Councillors and Staff of the requirements of Section 5.65 of the *Local Government Act* to disclose any interest during the meeting when the matter was discussed.

There were no disclosures of Financial Interest.

**4. Disclosures of Interests Affecting Impartiality**

The Presiding Member reminded Councillors/Staff of the requirements of Council's Code of Conduct in accordance with Section 5.103 of the *Local Government Act*.

There were no disclosures affecting Impartiality.

**5. Declarations by Members That They Have Not Given Due Consideration to Papers**

Nil.

**6. Confirmation of Minutes**

**6.1 Sustainable Nedlands Committee Meeting – 7 May 2012**

Ms B Tyson enters the meeting at 6.02pm

Moved – Mr Channon  
Seconded – Mr Davies

**The Minutes of the Sustainable Nedlands Committee held on 16 July 2012 are confirmed.**

**CARRIED UNANIMOUSLY 71-**

**7. Items for Discussion**

NOTE: Regulation 11(da) of the Local Government (Administration) Regulations 1996 requires written reasons for each decision made at the meeting that is significantly different from the relevant written recommendation of a committee or an employee as defined in section 5.70 (but not a decision to only note the matter or to return the recommendation for further consideration).

**7.1 Subcommittee Reports**

**7.1.1 Energy and Waste**

Mr Griffiths provided the Committee members with the Energy and Waste Sub Committee minutes (Attached).

Ms Pallagi joined the meeting at 6.06 pm.

Acting Director Technical Services requested that Sub Committee minutes be provided to the Administration at least 14 days prior to the next Sustainable Nedlands Committee meeting to ensure their inclusion in the agenda.

Mr Griffiths provided the Committee with an outline of the Sub Committee's discussions.

Mayor Hipkins suggested that a deputation be awarded to the Mayor Hipkins, Councillor Shaw, Mr Griffiths and Mr Melville to approach Western Power to discuss issues relating to street lighting.

Moved – Ms Tyson  
Seconded – Mr Davies

**A deputation be made to Western Power by four delegates of the Sustainable Nedlands Committee including Councillor Shaw, Mayor Hipkins, Mr Melville and one other member.**

**CARRIED UNANIMOUSLY 8/-**

#### **Sustainable Nedlands Committee Recommendation**

**A deputation be made to Western Power by four delegates of the Sustainable Nedlands Committee including Councillor Shaw, Mayor Hipkins, Mr Melville and one other member.**

Mr Melville, Acting Director Technical Services agreed to contact WALGA to find out what information they have on street lighting.

Mayor Hipkins advised that Council intends to review the City's policy which relates to the purchasing of vehicles.

#### **7.1.2 Water**

There was no discussion on this item.

#### **7.1.3 Transport**

There was no discussion on this item.

#### **7.1.4 Built Environment & Traffic**

There was no discussion on this item.

### **7.1.5 Natural Environment**

Mr Channon and Councillor Walker provided the committee with an overview of the Sub Committee's discussions. A request had been made for the City to provide a GIS map marking 1 km from the water's edge.

Mr Melville, Acting Director Technical Services agreed to discuss any resourcing implications with the Acting Chief Executive Officer and advise Mr Channon of the outcome of that discussion.

## **7.2 Wind Turbines**

Mayor Hipkins initiated discussion on the use of wind turbines. Mayor Hipkins advised that he had discussed wind turbines and their relative efficiencies with a conference exhibitor.

The Mayor is interested in investigating having a bank of wind generators installed at John Leckie Pavilion, keeping in mind that he is not supporting any City expenditure at this stage. He enquired what the payback period would be for such an installation.

Moved – Ms Tyson  
Seconded – Ms Pallagi

**The Committee recommends that the Administration approach Turbomill to investigate the feasibility of installing wind turbines at the recently completed John Leckie Pavilion with a view to reducing electricity costs to the City.**

**CARRIED UNANIMOUSLY 8/-**

### **Sustainable Nedlands Committee Recommendation**

**The Committee recommends that the Administration approach Turbomill to investigate the feasibility of installing wind turbines at the recently completed John Leckie Pavilion with a view to reducing electricity costs to the City.**

### 7.3 Recycled Paper

Mayor Hipkins initiated discussion on the use of recycled paper envelopes at the City of Nedlands.

Mayor Hipkins noted that the City of Mandurah sent out rates notices in recycled paper envelopes and made a suggestion that the City of Nedlands may wish to do the same.

Moved – Mayor Hipkins  
Seconded – Councillor Walker

**The Committee recommends that the City investigates the use of envelopes with windows made from 100% recycled paper.**

**CARRIED UNANIMOUSLY 8/-**

#### **Sustainable Nedlands Committee Recommendation**

**The Committee recommends that the City investigates the use of envelopes with windows made from 100% recycled paper.**

### 7.4 Plastic Bags

Mayor Hipkins initiated discussion on Plastic Bag use within the City of Nedlands. He referred to the City of Fremantle's draft Plastic Bag Reduction Local Law 2012.

Mayor Hipkins advised that it is not an appropriate time to make a recommendation to Council regarding this matter as there are currently 2 options available to Council to address the plastic bag issue, comply with the standard, charge for bags, or both.

Mayor Hipkins has suggested that it may be a good opportunity to approach the local IGA shop owners to gauge their support or otherwise for this initiative.

Moved – Mr Davies  
Seconded – Mr Channon

**The Committee recommends that the City raise with WESROC the need for all shopping bags to comply with the Australian Standard AS 4736.**

**CARRIED UNANIMOUSLY 8/-**



**Sustainable Nedlands Committee Recommendation**

**The Committee recommends that the City raise with WESROC the need for all shopping bags to comply with the Australian Standard AS 4736.**

**8. Date of Next Meeting**

The next meeting of this Committee is scheduled for Monday 19 November commencing at 6.00pm

The Sustainable Nedlands Committee will have a meeting at 6.00pm on Monday 15 October to discuss Council's policy on Synthetic grass verge developments.

**9. Declaration of Closure**

There being no further business, the Presiding Member declared the meeting closed at 7.20 pm.

## Sustainable Nedlands - Energy and Waste Focus Group

Discussion Notes - 24 May meeting

We saw our role as

- keeping in touch with how well Nedlands (as a community and civic organisation) is doing with respect to the sustainable management of waste and energy
- keeping abreast of what's going on and emerging in our own and other communities and countries
- promoting active community debate on new ideas, including those that may be controversial or outlandish at this stage

We saw the third of these as the priority at this stage : **creating active community debate** - through short articles, press releases, running workshops etc.

Here are some of the topics to be raised:

### Energy

1. Shift commuting patterns (through active planning)
  - Suburban shared offices
  - Home offices
  - More offices in the suburbs eg
    - Walk to work
    - Specialist/research hubs
2. Street lighting (renegotiate contracts)
  - turn some off (where there are too many)
  - timed or solar on, clock off, particularly in corporate or public spaces
  - solar security
3. Outdoor heaters in public places
  - research heat loss/low efficiency
  - ban or limit via permits
4. Civic vehicles/transport
  - share vehicles
  - purchase/trial electric vehicles
  - use bikes/electric bikes

### Waste

1. Reduce waste
  - Encourage low package, loose product market-style trading
  - Ban plastic shopping bags
  - Donate excess food (esp. restaurants) to good causes
2. Increase recycling in public spaces with bins
  - near food outlets
  - in shopping centres
3. Process Waste more efficiently
  - take the eco-nomic view to investment to include energy used/created (speaker arranged)
  - utilise high yield technology (eg Dicom)
  - develop broad scale community composting as well as promoting of personal

Draft Minutes of Meeting

Date: 30.8.12

Venue 3 Burwood St

Present: BC/BT/KW/SH

Apologies: Nil

Chair: Bronwen Channon

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1. **May Meeting** - Carried Forward Action Items from 17.5.12 meeting - still live and ongoing

**Action Items A:** BT & KW to investigate insurance liability issues for the City in respect to building at coastal and river edges by investigating other local government areas NSW/SA/VIC/QLD

**Action Item B:** BC&SH&KW to investigate other local government initiatives and websites on education with the pressures of densification on the natural environment  
BC to do SA/VIC - KW to do NSW& QLD until SH is back.

2. **July Meeting** & Action Items

KW gave apologies for lack of minutes for July meeting.

July meeting focused on ways of raising awareness and educating the community in the Nedlands Natural environment. This included the Living Smart Program and support for existing community programs - i.e. the CoN Waterwise Garden competition

It was agreed that the action items arising out of that meeting were as follows:

Action Item C

- It was important to support the garden competition for the CoN and each sub committee member agreed to search out 2 gardens in the City of Nedlands for nomination. Closing date of competition is **28<sup>th</sup> September 2012.**

Action Item D

- Sue Hartley to give Kerry Walker contact of Living Smart (Closed out - KW has contacted Living Smart - Item on agenda for further meeting in September.
3. **August Meeting** - Meeting Minutes

Agenda items for the 31.8.12 meeting were as follows:

- 3.1 Exploration of other Local government initiatives and websites (state wide) with a focus on education the pressures of densification on the natural environment (Action Item B)
- 3.2 Paul Hardisty - Speaker for 19<sup>th</sup> November
- 3.3 Green World Revolution (Toby Wittington)
- 3.4 Plastic Bags -& Natural Environment
- 3.5 Diacom Visit - Feedback

### 3.1 Other Local Government Initiatives

Group work shopped Action Item B from May meeting. Looking at other local government websites and their educational resources with a key community question 'choosing plants for my garden?'

Bronwen Channon had done some prior research and the group looked at three Council websites in South Australia to compare with the CoN website and its resources [City of Burnside, St Peter, Unly] The group also looked at ease of user access to retrieving the information on the sites (number of clicks) and the systems logic of the URL path and the intuitive use of categorization for community users for starting points.

Comments of City of Nedlands when compared with other Local Government websites:

CoN website

- Found Under Menu Tab - City Services - Directed paths follow Health & Environment -> Bushland Parks & Trees

Compared with other sites the retrieval of information was not intuitive and not easily retrieved.

When retrieved the information found too word and no illustrations

Suggestion: Best fit for educational information on the natural environment for the community would be under a "your environment" tab. This could include information on: trees, tree audit, city brochures, living smart, urban food security, community gardens, verge competitions.

**Action Item:** Possible changes to the website is an operational item but this idea will remain an open action item and is to be included in a broader strategic recommendation from the sub committee to the SNC.

### 3.2 Paul Hardisty

The Paul Hardisty talk has moved to the 21.11.12 as the Mt Claremont Library was not available on the 19<sup>th</sup>.

### 3.3 Green World Revolution (Toby Wittington)

Susan Hartley suggested that ideas from the social entrepreneur Toby Wittington could be explored in the City of Nedlands. Bronwen Channon played video of the Green World Revolution. Susan Hartley identified Asquith Reserve as an area, which was under utilized as a public park. It was suggested that this area could be looked at as a potential community garden where urban agriculture could be undertaken. Bronwen T maintained that the Hollywood Bowling Club already existed as a model within the City. SH & KW undertook a site visit after the meeting

**Action Item:** Group agreed to identify other underutilized spaces which could be potentially rejuvenated as urban agricultural spaces.  
KW: Melvista/Hollywood BT/SH: Mt Claremont BC: Dalkeith

### 3.4 Plastic Bags

The SNC plastic bag speakers were discussed. The sub committee agreed that the way in which commercial outlets set up their business to provide plastic bags (check out design) meant that the use of shoppers providing own shopping bags or the offering of choices by retailers such as paper bags was rendered difficult and from commercial perspective provision of bags is almost a fait au compli. Consequently, it was important that any switch of plastic bags would in the first instance be a drive to persuade the likes of IGA to swap from degradable plastic to non-food based compostable plastic bags.

This aside, the benefits of the now accepted cultural practice of accepting plastic bags was the benefit of reuse/recycle . This included the inside of home waste bins which reduced the need to use water to clean out plastic bins. Therefore, taking up this idea the sub committee looked at an initiative from the City of Norwood Payneham & St Peters where Kitchen Organic Baskets provided all households with a Green Organic Bin and 150 bags. It was suggested that adoption of waste composting within the City would require advocates and leaders of the community to raise awareness and promote.

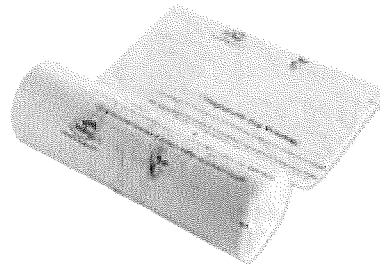
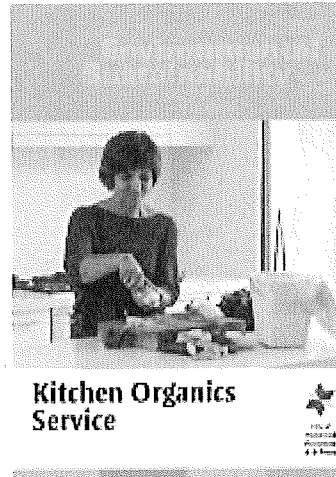
Action Item: Pass on idea to Waste sub committee.

<http://www.npsp.sa.gov.au/page.aspx?u=1889>

# Kitchen Organics Service

During May 2012, a Kitchen Organics Basket is being delivered to all households across the Council area. Inside will be a:

- Roll of compostable liner bags (150 bags - approximately 12 months' supply);
- Detailed user guide; and
- Reminder sticker for placing on your Green Organics Bin.



## 3.5 Diacom Visit

The visit to Diacom was discussed and positive feedback was received. Subcommittee would like to make a recommendation to the SNC that the natural environment committee endorse the negotiations of the City of Nedlands with the WMRC.

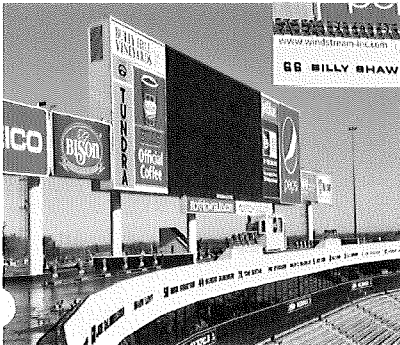
# TurboMill®

*The affordable micro-wind energy system*

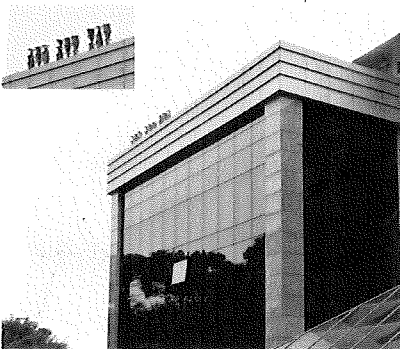


**Self-Contained Unit Includes:**

- 3 Vertical Axis Turbines & Generators
- On-Board "Smart" Electronics
- Maximum Point Power Tracking (MPPT)
- Multiple Unit Interconnects
- Easy Connection On or Off Grid
- 3 Year Warranty



Ralph Wilson Stadium, Buffalo, NY  
November 2011



LACTEC, Headquarters, Curitiba, Brazil  
September 2011

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- Safe
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With the lowest entry-level price for an alternative energy system, with or without State or Federal incentives, TurboMills® offer one of the quickest "time to paybacks."

TurboMills® interconnect, enabling the user to scale their investment to meet power needs. At less than 85 lbs. per unit, TurboMills® can be easily installed anywhere there is wind.

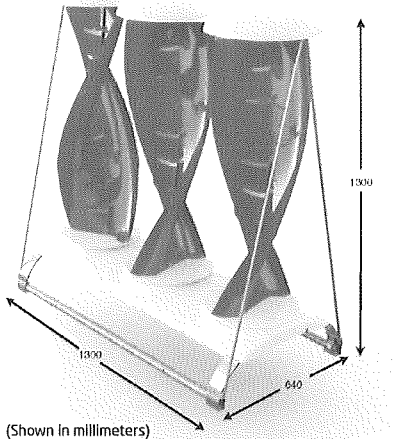
The TurboMill® system is designed and optimized for both on and off grid installations. Providing on-site electrical generation, the energy can be used with an inverter or stored to a battery system. TurboMills® provide the user with a variety of ways to utilize this clean, renewable resource.



U.S. Embassy, Helsinki, Finland  
February 2011

# TurboMill®

The affordable micro-wind energy system



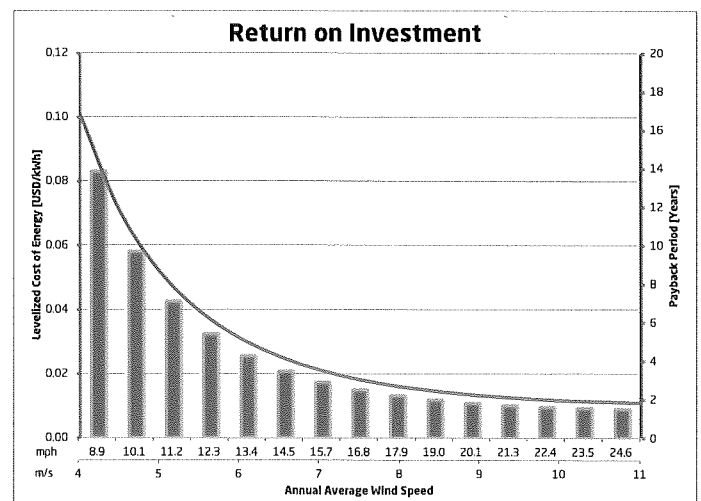
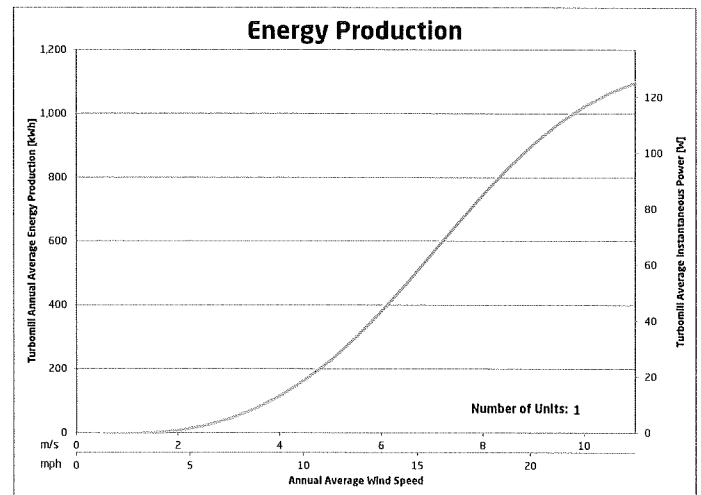
(Shown in millimeters)

## Installation Benefits

- Unique form factor, easily mounted to any building
- No complicated masts, guy wires, or towers
- Avoids engineering and permitting complexities
- Suitable for simple ballasted installation that avoids roof penetration
- Visually engaging design integrates with existing building architecture, custom colors available
- Durable construction, engineered for any environment
- Environmentally friendly, virtually silent

## Technical Specifications

<b>Energy Potential (Per Unit)</b>	230 kWh per year @ 5 m/s average wind speed
<b>Rated Power Output</b>	143 W @ 11 m/s
<b>Maximum Power Output</b>	500 W @ 17 m/s
<b>Maximum Voltage</b>	57 DC
<b>Maximum Current</b>	30 Amps
<b>Rotor Diameter</b>	12.99 in   0.33 m
<b>Cut-In Wind Speed</b>	4.5 mph   2 m/s
<b>Cut-Out Wind Speed</b>	38.03 mph   18.5 m/s
<b>Swept Area</b>	1,519 in <sup>2</sup>   0.980 m <sup>2</sup>
<b>TurboMill® Dimensions</b>	51.18 in x 51.18 in x 25.197 in
<b>Weight</b>	82.3 lbs   37.33 kg
<b>Turbine Material</b>	Galvanized G-90 Steel
<b>Corrosion Prevention</b>	PPG Spectracron® 360 2K
<b>Electrical Connection</b>	On-Board Battery Charge Controller Grid-Tied Inverter (Optional)
<b>Generator</b>	Brushless, Permanent Magnet Generator
<b>Design Life</b>	20 Years





**LOCAL GOVERNMENT ACT 1995**

CITY OF FREMANTLE

**PLASTIC BAG REDUCTION LOCAL LAW 2012**

Under the powers conferred by the *Local Government Act 1995* and under all other powers enabling it, the Council of the City of Fremantle resolved on \_\_\_\_\_ 2012 to make the following local law.

**1. Citation**

This local law may be cited as the *City of Fremantle Plastic Bag Reduction Local Law 2012*.

**2. Commencement**

This local law comes into operation 180 days after the date of its publication in the *Government Gazette*.

**3. Application**

This local law shall apply throughout the district.

**4. Definitions**

In this local law unless the context otherwise requires -

"**Act**" means the *Local Government Act 1995*;

"**alternative shopping bag**" means:

- (a) a biodegradable bag; or
- (b) a reusable plastic bag.

"**authorised person**" means a person authorised by the local government, under section 9.10 of the Act, to administer or enforce this local law;

"**biodegradable bag**" means a carry bag comprised of material of a type that has been assessed and tested in accordance with the relevant standard and can, in accordance with the relevant standard, be designated as compostable;

"**single use plastic shopping bag**" means—

- (a) a carry bag—
  - (i) the body of which comprises (in whole or in part) polyethylene, polypropylene or polyethylene terephthalate with a thickness of less than 60 microns; and
  - (ii) that includes handles;

but does not include—

- (b) a biodegradable bag;
- (c) a reusable plastic bag; or
- (d) a plastic bag that constitutes, or forms an integral part of, the packaging in which goods are sealed prior to sale.

**"Regulations"** means the *Local Government (Functions and General) Regulations 1996*;

**"relevant standard"** means AS 4736/2006 (as in force from time to time);

**"retailer"** means a person selling retail goods;

**"reusable plastic bag"** means a carry bag:

- (a) the body of which comprises (in whole or in part) polyethylene, polypropylene or polyethylene terephthalate with a thickness of 60 microns or more; and
- (b) that includes handles.

**5. Retailer not to provide single use plastic shopping bag**

- (1) A retailer shall not provide a single use plastic shopping bag to a customer as a means of carrying goods purchased, or to be purchased, from the retailer.
- (2) It is a defence to a charge under subclause (1) if the retailer proves that he or she believed on reasonable grounds that the bag was not a single use plastic shopping bag.
- (3) The prohibition contained in subclause (1) applies whether or not a fee is charged to the customer for provision of a single use plastic shopping bag.

**6. Charge to be imposed for provision of alternative shopping bag**

A retailer shall not provide an alternative shopping bag to a customer as a means of carrying goods purchased, or to be purchased, from the retailer unless the retailer requires the customer to pay a fee of not less than 10 cents for the provision of the alternative shopping bag.

**7. Person must not represent that supplied single use plastic shopping bag is not a single use plastic shopping bag**

A person shall not sell, supply or provide a bag to another knowing that it is a single use plastic shopping bag if prior to, or in the course of, selling, supplying or providing the bag, the person represents to the other that the bag is not a single use plastic shopping bag.

**8. Offences and general penalty**

- (1) Any person who fails to do anything required or directed to be done under this local law, or who does anything which under this local law that person is prohibited from doing, commits an offence.
- (2) Any person who commits an offence under this local law is liable, upon conviction, to a penalty not exceeding \$5,000, and if the offence is of a

continuing nature, to an additional penalty not exceeding \$500 for each day or part of a day during which the offence has continued.

**9. Prescribed offences**

- (1) An offence against a clause specified in Schedule 1 is a prescribed offence for the purposes of section 9.16(1) of the Act.
- (2) The amount of the modified penalty for a prescribed offence is that specified adjacent to the clause in Schedule 1.
- (3) For the purpose of guidance only, before giving an infringement notice to a person in respect of the commission of a prescribed offence, an authorized person should be satisfied that –
  - (a) commission of the prescribed offence is a relatively minor matter; and
  - (b) only straightforward issues of law and fact are involved in determining whether the prescribed offence was committed, and the facts in issue are readily ascertainable.

**10. Form of notices**

- (1) For the purposes of this local law -
  - (a) the form of the infringement notice given under section 9.16 of the Act is that of Form 2 in Schedule 1 of the Regulations; and
  - (b) the form of the notice referred to in section 9.20 of the Act is that of Form 3 in Schedule 1 of the Regulations.

**SCHEDULE 1**  
**PRESCRIBED OFFENCES**

<b>CLAUSE</b>	<b>DESCRIPTION</b>	<b>MODIFIED PENALTY \$</b>
5(1)	Provision of single use plastic shopping bag by retailer	\$150
6	Provision of alternative shopping bag without minimum charge	\$150
7	Representing that supplied single use plastic shopping bag is not a single use plastic shopping bag	\$150

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

**The Common Seal of the City of Fremantle** was hereunto affixed by authority of a resolution of the Council in the presence of:

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
(Print Full Name)

\_\_\_\_\_  
CHIEF EXECUTIVE OFFICER

\_\_\_\_\_  
(Print Full Name)