

**Community Garden Proposal**  
**Duncraig Edible Garden (DEG)**  
Come Dig at DEG

**Location:**

Duncraig

**Any specific site preferences:**

Duncraig Library entrance

**Size preferences:**

Duncraig Edible Garden (DEG) will initially consist of a 1.5m wide wicking bed lining the half circle courtyard outside the front entrance of the Duncraig library, and a tree line bed toward the carpark north east of the library entrance. The wicking bed gives about 18m<sup>2</sup> of planting space, and maintains an open area in the centre for events such as school holiday craft sessions, playgroup meetings and outdoor library activities. The amenity of the existing area will be significantly enhanced by the garden. Raised wicking beds and the existing concrete floor enable unhindered wheelchair and pushchair access to the garden, whilst reducing the risk of dirt being walked into the library. There is some potential for further garden beds to the north of this area as community interest and response grows.

Please see attached pictures and rough preliminary sketches (thanks to Alun Morgan for these).

**Preferred style of Community Garden:**

Individual Plots  Communal/Group Plots  Mixed Plots  Other (Please describe)

This is a small area that is suited to a communal and group plot with an educative focus. In order to reflect this we have chosen the name Duncraig Edible Garden (DEG).

**Community Garden Start-Up: Assistance sought from COJ:**

Most of the requirements are present on the site but we will need some assistance ensuring that these meet our needs.

Fencing

Waste removal

Power supply (powerpoint - required at beginning of project)

Water supply (tap, outdoor sink and rain water tank- required at beginning of project)

Relocation of existing reticulation/ site materials

Lighting (existing)

Storage for tools (Lockable cages/boxes)

Toilets (existing, we will need a key to access)

√ Shelter (early plantings of shade trees and other plants will provide natural shade as they become established)

Parking (existing)

Footpath connections (existing)

√ Garden bed construction **materials**

Access to site for heavy equipment/vehicles (existing access)

√ Other requirements (at beginning of project) include;

- A rainwater tank (minimum 5000L) to collect water from the roof of the library.
- Lockable boxes with enough room to store a hose reel, and other tools required onsite.
- Shade trees: An initial planting of agreed shade trees (Jacaranda and weeping peppermint were discussed) to the north west will gradually be interspersed by fruit trees as the shade is established. Community Garden Maintenance: Assistance sought from COJ:
- Notice board on Library Outer wall. Lockable, A place to acknowledge sponsors and to announce upcoming events and workshops.
- Outdoor furniture in the centre of the semicircle garden paved area to encourage the use of the area as a community outdoor room for the library.

√ Direct financial contributions - for establishment

√ Utility costs

√ Waste removal

Security patrols (as existing)

√ Public liability insurance (if additional is required for garden)

√ Publicity/ promotional support

√ Other (please specify) Signage and educational materials for the garden

### **Community Garden Management:**

Please outline how a community garden would be managed following its establishment.

As this is a small communal and group garden with a focus on education there will initially not be large numbers of people to organise. The establishment of Duncraig Edible Garden will involve the following stages:

#### **Stage One: Planning and Development**

A working group of six (Sue Bailey, Heather Borle, Sophie Dwyer, Kath Moller, Charles Otway and Lisa Palmer) are involved in this planning and development stage. This group hold working meetings fortnightly.

A proposal submitted by the DEG Committee  
(Sue Bailey, Heather Borle, Sophie Dwyer, Kath Moller and Lisa Palmer)

Garden work - There has been and will be significant input from permaculture experts local to the Duncraig area (see list below). At this early stage, they have provided assistance to develop the concept drawings specific to the site. They will continue to be involved in developing more detailed plans into the future.

- Charles Otway, the owner of Terra Perma and co-coordinator of Permaculture West
- Di Sanders, coordinator of the Crossroads Garden Community Garden in Gwelup
- Trudi Bennett, a kitchen garden teacher living in Duncraig
- Jo Burgess, active permaculture member in the local area

Other experts will be identified and approached as required.

Communication strategy – communication and outreach work will be prioritised. This will develop processes by which information can be disseminated- eg Facebook, email, newsletters, notice boards etc. This will ensure that awareness is raised, volunteers recruited and information about the garden can be shared.

### **Stage Two: Establishment of Garden**

A committee has been established with the following people in the roles outlined below.

Coordinator: Sue Bailey

Secretary: Kath Moller

Treasurer and Resource Coordinator: Heather Borle

Other committee members: Lisa Palmer, Sophie Dwyer

We will be calling for episodic volunteers over the course of the establishment of Duncraig Edible Garden. There are a number of organisations that will be contacted eg. Schools, Church groups, Scouts when we hold 'busy bees'. It is well established in the volunteering sector that there is a good response when there are time limited clearly defined tasks.

### **Time Frame**

February: Council meeting approval of Duncraig Edible Garden

Early March: Council Works Department completes the site work:

\*Removal of turf, and landscaping/ mulching of grassed area between Library entrance circle and carpark to the north east.

\*Build Retaining wall of semicircle garden beds.

Mid March: Delivery of soil (preferred supplier Greenlife Soil Company), Trees, Wicking bed materials. Timed dripper based reticulation for wicking beds and trees.

Planting of trees with clay based soil amendments such as bentonite clay in the root well will assist tree establishment. It is important that trees are in the ground by early Autumn to ensure Autumn, Winter and Spring rains help establish trees well before the hot summer arrives.

We seek council support in releasing the approved funds before the turn of the financial year to allow this to happen.

Following weeks: Workshop and busy bee to line and establish the wicking beds, and then begin the planting.

We ask for a \$250 quarterly seasonal allowance for planting and maintenance costs during the establishment and pilot period. This allows the council to take the lead position in sponsorship during the pilot period.

### **Stage Three: Maintenance and Planning**

Initially we would establish a low maintenance garden. This will ensure that the garden beds look healthy during the early stages and allow a more productive and sustainable garden to emerge over time.

The committee members will maintain a roster initially where regular maintenance will be done. This will be complemented by more formal activities once a month. Students and local groups will be contacted where relevant.

The planning process will continue with the committee meeting regularly.

### **Level of Interest for the establishment of a Community Garden in the area specified:**

The library site has had unanimous support from people, organisations and businesses. All have indicated that they believe a site in close proximity to the library is an excellent location for this garden for the following reasons:

- ease of access
- educative potential
- number of people passing and
- aesthetic improvement

We will liaise with library staff as the garden progresses.

### **Please outline what support for the establishment and ongoing maintenance of a Community Garden will be provided by the community:**

It is anticipated that the committee will lead the planning for the establishment of DEG with support from a range of community members as and when required through a call for episodic volunteers. The ongoing maintenance will be relatively easy to manage in the early stages as this is a small area.

In order to ascertain the level of support for the establishment and ongoing maintenance of DEG we undertook the following activities;

- Set up an information table at Poynter Farmers' Market,
- Emailed Northern Active Permaculture Enthusiasts lists (NAPES)
- Door knocked in Duncraig
- Visited businesses in the surrounding areas

### **Individuals:**

At this early stage we have the names and contact details of **over 60** individuals who have indicated a high level of enthusiasm and have requested ongoing updates so they can be actively involved. Further to these individuals, the library site is a high traffic location with high visibility and individuals will be drawn to the activities and garden. It is anticipated that this will lead to further recruitment and ongoing interest.

### **Organisations:**

Valued Independent People (Duncraig) contact Financial Officer Jackie Gibhard

Duncraig playgroup contact Sue Herbert

We have made contact with people who have expressed interest and support from the following churches; Trinity North Uniting Church (Duncraig Congregation), St Nicolas' Anglican Church Carine/Duncraig, St John the Evangelist Anglican Church Greenwood/South Kingsley and Warwick Church of Christ.

### **Educational Institutions**

#### Primary

Poynter Primary School (At the P&C meeting on the 7<sup>th</sup> August 2013 Poynter Primary P&C voted to officially support Duncraig Edible Garden.)

#### Secondary

We will be contacting local secondary schools as the garden develops to engage students in episodic volunteering opportunities.

#### Tertiary

Social Work students from the University of Western Australia will also be involved in this project over time as a part of their community practice education. Sue Bailey is a social work professor who has previously involved social work students in successful community projects at the City of Joondalup

### **Local Business (names)**

Initial approaches to local business have been very positive with support given from the following so far;

Wonderland Child Care contact Adam Van Den Beukon

Duncraig shopping Centre

- T Bone Temptation and Gourmet Butcher contact Robert Chitarra
- IGA Community Chest contact Manager Anter Dhssi
- Farm House Fresh contact Mark Jack

**Other businesses**

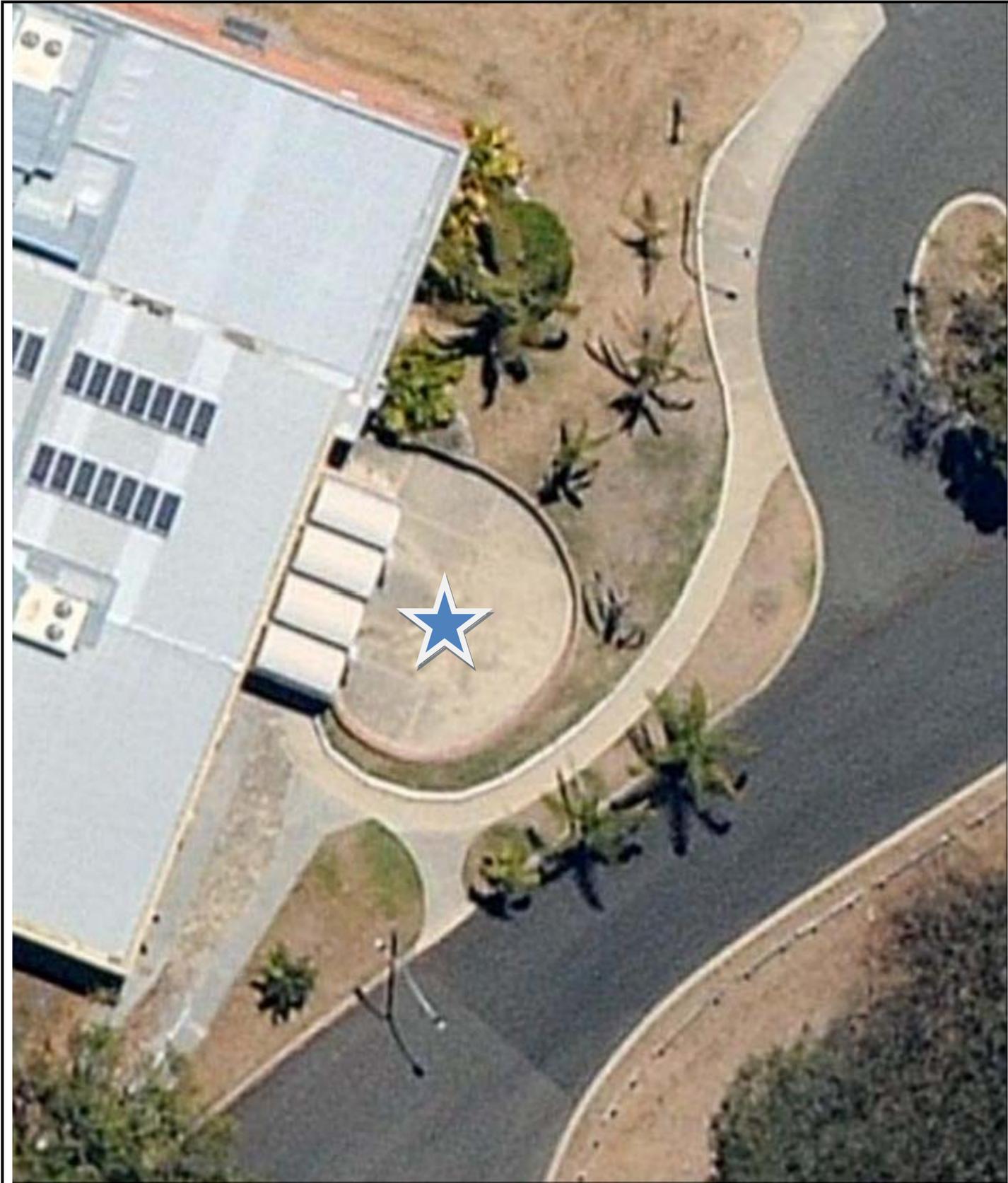
- Absolutely Organic at Gwelup
- Terra Perma Design and Education [www.terraperma.com.au](http://www.terraperma.com.au)

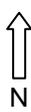
At this very early stage it is apparent that there is a high level of interest at individual, organisational and business levels. One of the roles to be established at the beginning is a communication and outreach person who will work to build upon this early interest.

Supporters will be acknowledged on a notice board to be located on the Library wall near the sink.

**Other:**

There is a lot of interest and good will within the Duncraig area and beyond for this garden. We are delighted with the level of interest and look forward to beginning this project and then demonstrating the benefits of community gardens.



 <p>90 Boas Ave, Joondalup WA 6027          PO Box 21, Joondalup WA 6919          Ph: 08 9400 4000          Fax: 08 9300 1383          info@joondalup.wa.gov.au          www.joondalup.wa.gov.au</p>		<p>Scale(A4):1:200</p>	<p><b>DunCraig Library Entrance – Proposed Location for the DunCraig Edible Garden</b></p>
		<p>Date: 31 January 2014</p>	
		<p><small>DISCLAIMER: While every care is taken to ensure the accuracy of this data, the City of Joondalup makes no representations or warranties about its accuracy, completeness or suitability for any particular purpose and disclaims all liability for all expenses, losses, damages and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.</small></p>	

# DUNCRAIG EDIBLE GARDEN CONCEPT PLAN



## LEGEND

- 1 EXISTING BICYCLE RACKS
- 2 EXISTING SEAT
- 3 NEW PLANTER BOXES
- 4 NEW POTS WITH DWARF FRUIT TREES
- 5 NEW FRUIT TREES
- 6 NEW PICNIC SETTING
- 7 NEW WORK BENCH
- 8 NEW SINK
- 9 NEW LOCKABLE STORAGE
- 10 NEW RAINWATER TANK



## PRELIMINARY COSTINGS - DEG OPTION ONE

DATE: January 2014

ITEM	QUANTITY	UNIT	RATE	TOTAL	COMMENTS
<b>FEES</b>					
Landscape Designer	60	hour	\$55.00	\$3,300.00	Request to waive this internal fee
<b>PRELIMINARIES</b>					
Erect security fencing for duration of project	40	lin.m	\$11.00	\$440.00	
Supply / install Public Notification Sign	1	each	\$1,173.46	\$1,173.46	
On site services locator	1	item	\$550.00	\$550.00	
<b>DEMOLITION</b>					
Removal of existing palm trees including stump grinding	3	each	\$200.00	\$600.00	
Removal of existing vegetation	15	m2	\$20.00	\$300.00	
Removal of existing seat including disposal off site	1	each	\$200.00	\$200.00	
<b>EARTHWORKS</b>					
Reinstate disturbed areas including any backfill	15	m2	\$10.00	\$150.00	
<b>HARDSCAPE WORKS</b>					
Supply / install blocks	31	lin.m	\$90.00	\$2,790.00	
Supply 100mm slotted ag pipe for wicking bed (available in 5m runs, 16 lin.m required)	4	each	\$31.20	\$124.80	
Supply end cap for ag pipe	4	each	\$4.50		
Supply PVC liner for wicking bed (available in 4x3m packs)	3	each	\$89.98	\$269.94	
Supply geotextile for wicking bed (available in 10m rolls, 7m required)	1	each	\$32.00	\$32.00	
Supply / deliver blue metal for wicking bed	7	m2	\$25.00	\$175.00	
Graffiti coating to planter wall	13	m2	\$22.00	\$286.00	
Supply lockable cabinet	1	each	\$300.00	\$300.00	
Supply work bench	1	each	\$350.00	\$350.00	
Install work bench	1	each	\$200.00	\$200.00	
Supply picnic setting	1	each	\$3,000.00	\$3,000.00	
Install picnic setting	1	each	\$400.00	\$400.00	
Supply 2500Ltr rain water tank	1	each	\$1,500.00	\$1,500.00	
Supply 90mm diameter pots	5	each	\$400.00	\$2,000.00	
Supply / install / connection of sink and tapware	1	each	\$2,305.00	\$2,305.00	
Installation of 1 x weatherproof power outlet	1	each	\$754.00	\$754.00	
Supply/install signage	2	each	\$250.00	\$500.00	
Supply/install noticeboard	1	each	\$250.00	\$250.00	
<b>SOFTSCAPE WORKS</b>					
Supply / deliver vegetable soil mix	5.5	m3	\$111.00	\$610.50	
Delivery of vegetable mix	1	item	\$120.00	\$120.00	
Reinstate turf to disturbed areas	14	m2	\$20.25	\$283.50	
Irrigation adjustments and work - bubblers to trees, timer to back of garden beds	1	item	\$5,000.00	\$5,000.00	
Supply / deliver mulch @ 100mm thick	1.5	m3	\$57.90	\$86.85	
Supply 100Ltr trees	3	each	\$350.00	\$1,050.00	
Supply 30Ltr fruit trees	5	each	\$130.00	\$650.00	
Quarterly seasonal allowance to DEG for planting and maintenance costs	8	each	\$250.00	\$2,000.00	
<b>OTHER</b>					
Public Liability Insurance				Nil	To be included in City insurance
<b>SUBTOTAL</b>				<b>\$31,751.05</b>	
Contingency @ 10%				\$3,175.11	
<b>TOTAL</b>				<b>\$34,926.16</b>	<b>\$31,626 if internal fees waived</b>

Not included in this costing:	Comments
Installation of rain water tank including modifications to building	Requires further investigation
Labour - spread mulch, soil and blue metal, lay liner and geotextile, install pipe	DEG responsibility
Planting of trees, pots and wicking beds	DEG responsibility
** Application to State Government for Community Garden Funding contribution	Application being made for a contribution of \$15,000

## PRELIMINARY COSTINGS - DEG OPTION TWO

DATE: January 2014

ITEM	QUANTITY	UNIT	RATE	TOTAL	COMMENT
<b>FEES</b>					
Landscape Designer	60	hour	\$55.00	\$3,300.00	Request to waive this internal fee
<b>PRELIMINARIES</b>					
Erect security fencing for duration of project	40	lin.m	\$11.00	\$440.00	
Supply / install Public Notification Sign	1	each	\$1,173.46	\$1,173.46	Cheaper options will be investigated
On site services locator	1	item	\$550.00	\$550.00	
<b>DEMOLITION</b>					
Removal of existing palm trees including stump grinding	3	each	\$200.00	\$600.00	
Removal of existing vegetation	15	m2	\$20.00	\$300.00	
Removal of existing seat including disposal off site	1	each	\$200.00	\$200.00	
<b>EARTHWORKS</b>					
Reinstate disturbed areas including any backfill	15	m2	\$10.00	\$150.00	
<b>HARDSCAPE WORKS</b>					
Supply / install blocks	31	lin.m	\$90.00	\$2,790.00	
Supply 100mm slotted ag pipe for wicking bed	4	each	\$31.20	\$124.80	
Supply end cap for ag pipe	4	each	\$4.50		
Supply PVC liner for wicking bed	3	each	\$89.98	\$269.94	
Supply geotextile for wicking bed	1	each	\$32.00	\$32.00	
Supply / deliver blue metal for wicking bed	7	m2	\$25.00	\$175.00	
Graffiti coating to planter wall	13	m2	\$22.00	\$286.00	
Supply lockable cabinet for basic tools eg. hose, trowels etc	1	each	\$300.00	\$300.00	
Supply work bench	1	each	\$350.00	\$350.00	
Install work bench	1	each	\$200.00	\$200.00	
Supply 90mm diameter pots	5	each	\$400.00	\$2,000.00	
Supply / install / connection of sink and tapware	1	each	\$2,305.00	\$2,305.00	
Installation of 1 x weatherproof power outlet	1	each	\$754.00	\$754.00	
Supply/install signage	2	each	\$250.00	\$500.00	
Supply/install noticeboard	1	each	\$250.00	\$250.00	
<b>SOFTSCAPE WORKS</b>					
Supply / deliver vegetable soil mix	5.5	m3	\$111.00	\$610.50	
Delivery of vegetable mix	1	item	\$120.00	\$120.00	
Reinstate turf to disturbed areas	14	m2	\$20.25	\$283.50	
Supply / deliver mulch @ 100mm thick	1.5	m3	\$57.90	\$86.85	
Supply 30Ltr fruit trees	5	each	\$130.00	\$650.00	
<b>OTHER</b>					
Public Liability Insurance				Nil	To be included in City insurance policy
Quarterly allowance to DEG for planting/maintenance	8	each	\$250.00	\$2,000.00	
<b>SUBTOTAL</b>				<b>\$20,801.05</b>	
Contingency @ 10%				\$2,080.11	
<b>TOTAL</b>				<b>\$22,881.16</b>	

Not included in this costing:	Comments
Irrigation adjustments and work - bubblers to trees, timer to back of garden beds - approximately \$5,000	Instead of reticulation DEG could arrange hand watering roster
Labour - spread mulch, soil and blue metal, lay liner and geotextile, install pipe	DEG responsibility
Planting of trees, pots and wicking beds	DEG responsibility
Supply/installation of picnic bench for members and public use	DEG can apply for corporate sponsorship or community funding
Supply/installation of rainwater tanks	DEG can apply for corporate sponsorship or community funding
** Application to State Government for Community Garden Funding contribution	Application being made for a contribution of \$ 15,000