# PLANTING PALETTE EXTRACT









DESIGN

PACKAGE

# STREETSCAPE WSUD AINGARDEN 20 REE P -

The Moreland City Council WSUD Planting Palette Extract is designed to help with the vegetation selection, planting design and vegetation maintenance of raingardens and tree pits. It can be used as a stand-alone guide or as part of the Moreland City Council Streetscape WSUD Raingarden and Tree Pit Design Package.

The original planting palette was part of the WSUD raingarden and tree pit design package produced in 2013. The current version has been updated by Moreland City Council in July 2015. The updates include an additional six pages of suitable species for bioretention filter systems, a maintenance report for the vegetation, suggested groupings of species and an example of a landscape planting plan and plant schedule.

The planting palette can be used and reproduced freely, however some images retain their original copyright (see adjacent table).





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- Banksia marginata
- Callistemon 'Little John'
- Chrysocephalum semipapposum
- Convolvulus sabatius
- Dianella longifolia
- Dodonea viscosa
- Eucalyptus macrocarpa
- Fraxinus velutina
- Ginkgo biloba
- Goodenia ovata
- Hardenbergia Violacea (© Scott Watson)
- Kleinia mandraliscae
- Limonium perezii
- Melaleuca incana
- Melaleuca thymifolia
- Poa poiformis
- Sedum 'Autumn Joy'
- Tulbaghia violacea

#### 3.8 **Planting Options**

#### Planting in Bioretention Filter Media

Planting of a raingarden system has three important benefits; water quality, visual amenity and habitat provision. Planting within the bioretention filter media should comprise primarily of plants that have been demonstrated to be effective for removal of nutrients as recommended in Stormwater Biofiltration Systems Adoption Guidelines<sup>1</sup>. Additional secondary accent feature planting can be included to improve the aesthetic of the raingarden. Secondary species can be selected for foliage, flowering or colour to give the designer the opportunity to express a pattern offering the flexibility to express complimentary texture or colour. Species selection should also consider micro-climates and conditions specific to each individual project. Examples of typical planting arrangements using primary and secondary species are suggested. These examples are not intended to be prescriptive and the design should be developed on an individual project basis.

Information on the suggested species list for bioretention filter media is provided in the Planting Palette section.

Install size of plants will be dependent on the project budget and the importance of initial impact. Plant establishment is quicker with smaller plants. Typically install size is either tubestock or 150mm pots for groundcovers and shrubs and a minimum of 45 litre pot for trees. Planting density should be high (at least 10 plants/m<sup>2</sup> for sedges, rushes and grasses). This increases root density and reduced potential for weed invasion.

Where indigenous species are used plants should be of local provenance.

Note this list provides a basis for species selection and is not intended to be exhaustive or exclusive. Particular projects may have other considerations that influence species selection including local character. Plants within the filter media should however be able to adapt to the conditions of the biofiltration system and have the same attributes as the suggested species.

Plants should be tolerant of the following conditions:

- Free draining coarse textured soils
- Periodic flooding
- Extended dry periods

Desirable plant attributes include:

- High growth rate
- High root density
- High total root, leaf and shoot biomass
- High root:shoot ratio
- High leaf area ratio
- High length of longest root

<sup>1</sup> Adoption Guidelines for Stormwater Biofiltration Systems. 2015. Cooperative Research Centre for Water Sensitive Cities, Monash University, Melbourne

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Primary Species should comprise at least 50% of total plant cover

- Carex appressa
- Ficinia nodosa

- Poa poiformis
- Themeda triandra

Even for a small biofilter system at least three plant species should be chosen. Planting a mix of species, rather than selecting only one or two species, will provide greater visual amenity and greater habitat diversity as well as making the system more resilient to climatic

#### SECONDARY

- Anigozanthus species
- Brachyscome multifida
- Callistemon 'Little John'
- Carpobrotus modestus Chrysocephalum
- semipapposum
- Convolvulus sabatius
- Correa alba
- Correa 'Dusky Bells'
- Dianella longifolia
  - Dianella revoluta
  - Dodonea viscosa
  - Eucalyptus macrocarpa
  - Hardenbergia violacea
  - Kleinia mandraliscae
  - Kniphofia 'Winter Cheer'
  - Limonium perezii
  - Lomandra longifolia
  - Melaleuca incana
  - Melaleuca thymifolia
  - Myoporum parvifolium
  - Phormium tenax
  - Salvia canariensis
  - Sedum 'Autumn Joy'
  - Tulbaghia violacea
  - Veronica perfoliata

TREES

Banksia species

•

Brachychiton acerifolius

Callistemon viminalis

Callistemon salignus

• Elaeocarpus reticulatus

Lagerstroemia cultivars

Lophostemon confertus

Maclura pomifera 'Witchita'

Callistemon sieberi

• Ficus microcarpa

Ginkao biloba

Pyrus calleryana

Ulmus parvifolia

Tristaniopsis laurina

Fraxinus velutina

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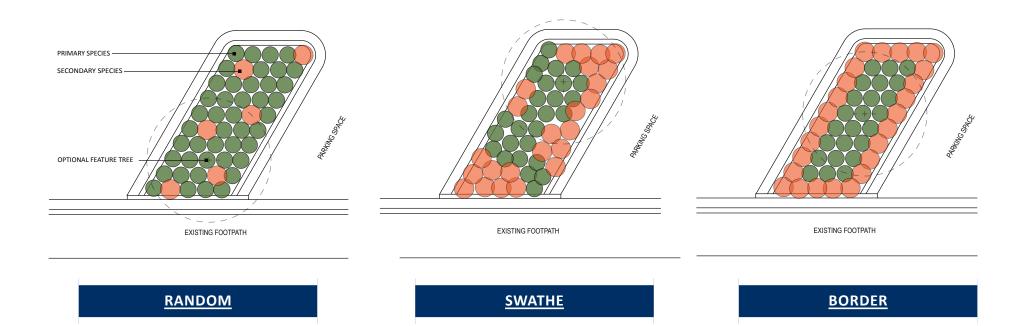
variation.

#### Goodenia ovata Juncus amabilis

- Juncus flavidus

## Juncus pallidus

#### Typical Planting Arrangements

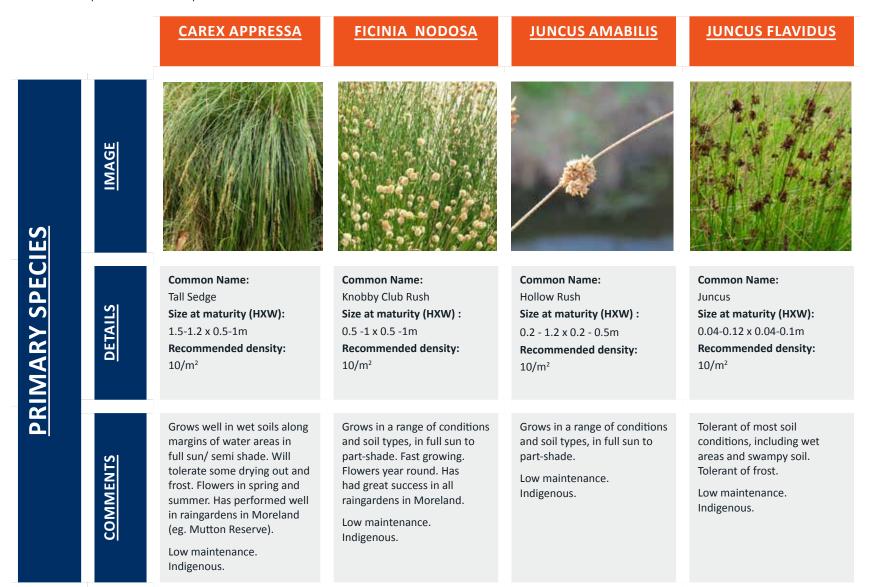


#### Edge Planting

	DESCRIPTION	SUGGESTED SPECIES
EDGE PLANTING	Complementary edge planting can be included in stepped edges or any landscaped areas immediately abutting the raingarden. A thin strip of edge planting can form a useful barrier and visual cue to stop pedestrians from straying into the raingarden. Larger install size should be considered for edge planting to form an immediate barrier and visual cue for pedestrians.	<ul> <li>Anigozanthus species</li> <li>Brachyscome multifida</li> <li>Callistemon species</li> <li>Carpobrotus modestus</li> <li>Ficinia nodosa</li> <li>Chrysocephalum semipapposum</li> <li>Dianella longifolia</li> <li>Dianella revoluta</li> <li>Dianella revoluta</li> <li>Dianella revoluta</li> <li>Dianella species</li> <li>Dianella species</li> <li>Dianella revoluta</li> <li>Dianella species</li> <li>Dianella species</li> <li>Dianella revoluta</li> <li>Dianella revoluta</li> </ul>
<u>FEATURE TREES</u>	Small trees can be included in the adjacent planting, within biofiltration tree pits or in some circumstances within raingardens themselves to add an extra dimension of vegetation or help tie the raingarden into the surrounding landscape character.	<ul> <li>Callistemon viminalis,</li> <li>Callistemon salignus</li> <li>Callistemon sieberi</li> <li>Lagerstroemia cultivars</li> <li>Lophostemon confertus</li> <li>Pyrus calleryana</li> <li>Ginkgo biloba</li> <li>Maclura pomifera 'Witchita'</li> <li>Platanus orientalis</li> <li>Platanus x acerifolia</li> <li>Brachychiton acerifolius</li> </ul>

#### 3.9 Planting Palette

The following planting palette is a suggested list of plants suitable for use in bioretention filter media with planting composition done in accordace with Section 3.8. This list provides a basis for species selection and is not intended to be exhaustive or exclusive.



#### THEMEDA TRIANDRA **POA POIFORMIS** JUNCUS PALLIDUS **GOODENIA OVATA** IMAGE SPECIES Common Name: Common Name: Common Name: **Common Name: DETAILS** Kangaroo Grass Coastal Tussock Grass Sea Rush Hop Goodenia Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): **PRIMARY** 0.3 x 0.4 m 1.0 x 1.0 m 1-2 m x 0.6-1 m 1 x 1.5 m **Recommended density: Recommended density: Recommended density: Recommended density:** 10/ m<sup>2</sup> 10/ m<sup>2</sup> 10/ m<sup>2</sup> 8-10/m<sup>2</sup> Moderately drought tolerant Can be cut back in winter/ Suitable for raingardens Fast growing but short early spring. Moderately species that prefers well that have longer periods lived. Has a long flowering drought and waterlogging drained soils. Is effective in of waterlogging and on the season (late winter to **COMMENTS** autumn). Drought, cold and tolerant. Flowers spring to removing nitrogen in dry edges of wetlands. Flowers in conditions. Has attractive summer. Performs well near waterlogging tolerant. summer. blue green foliage, flowers in water inlets in raingardens Low maintenance. Low maintenance. summer. in Moreland (ie. Mutton Indigenous. Indigenous. Reserve). Low maintenance. Indigenous. Low maintenance. Indigenous.

#### **ANIGOZANTHOS** CARPOBROTUS DIANELLA LONGIFOLIA DIANELLA **SPECIES** MODESTUS **REVOLUTA** IMAGE SPECIES Common Name: Common Name: **Common Name:** Common Name: DETAILS Kangaroo Paw Pig Face Smooth Flax Lily Blue Flax Lily **SECONDARY** Size at maturity (HXW): Size at maturity (HXW) : Size at maturity (HXW): Size at maturity (HXW): 0.5-1.2 x 0.5-0.8m 0.2 x 1m 0.5-1 x 1m 0.6 x 0.5m **Recommended density: Recommended density: Recommended density: Recommended density:** 6/m<sup>2</sup> 5/m<sup>2</sup> 8/m<sup>2</sup> 8/m<sup>2</sup> Grows in a range of conditions Grows best in well-drained Grows in most free draining Grows in most soil conditions in full sun or part shade. Fast soils, in full sun to partsoils in a sunny position. and soil types, in full sun to **COMMENTS** Kangaroo paws are relatively part-shade. Fast growing, growing, hardy and drought shade. Tolerates drought short-lived plants. Some flowers in spring and summer. tolerant. Flowers spring to and frost. Flowers spring to summer. Has performed well species do not tolerate frost. Has performed well in autumn. Flowers winter to summer. raingardens in Moreland (eg. in raingardens in Moreland Low maintenance. Sewell Reserve) (eg. Mutton Reserve). Moderate maintenance. Indigenous. Native. Low maintenance. Low maintenance. Indigenous. Indigenous.

### **DODONEA VISCOSA** LOMANDRA MYOPORUM LONGIFOLIA PARVIFOLIUM

**Common Name:** Sticky Hop Bush Size at maturity (HXW): 1-3 x 1-3 m m **Recommended density:**  $1/m^2$ 

Drought tolerant indigenous

clipping to maintain density

shrub. Requires annual

and size. Can grow in

Moderate maintenance.

semishade.

Indigenous.

**Common Name:** Spiny Head Mat Rush Size at maturity (HXW) : 1-2 x 1-2m **Recommended density:** 10/m<sup>2</sup>

Grows in full sun and

part-shade. Grows well in

conditions. Flowers spring to

summer. Has performed well

in raingardens in Moreland.

Lomandra filiformis can be

required.

Low maintenace. Indigenous.

used when a smaller plant is

both coastal and inland

**Common Name: Creeping Boobialla** Size at maturity (HXW): 0.2 x 1.5-5m **Recommended density:**  $2/m^2$ 

> Grows in a variety of soil types in full sun to part shade. It will tolerate moderate drought and frost. Flowers autumn to early summer. Has performed well in raingardens in Moreland (eg. Mutton Reserve). Small leaved forms are faster growing but may be shorter lived.

Low maintenance. Indigenous.

**Recommended density:**  $1/m^2$ Needs well drained soils. Can be coppiced to produce

Moderate maintenance. Native.

multiple stems. Flowers spring

Common Name:

Mottlecah Size at maturity (HXW): 2-3 x 2-3 m

**EUCALYPTUS** 

MACROCARPA

to early summer. This is a tall growing shrub/small tree, ensure that it does not block line-of-sight for traffic.

**LUSTRATED** CATALOGU

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COMMENTS

IMAGE

DETAILS

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**SECONDARY** 

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#### HARDENBERGIA VERONICA **LIMONIUM PEREZII TULBAGHIA** VIOLACEA PERFOLIATA VIOLACEA IMAGE SPECIES Common Name: **Common Name:** Common Name: Common Name: Hardenbergia, Native **Diggers Speedwell** Perennial Statice Society Garlic DETAILS **SECONDARY** Sarsparilla Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): 0.8 x 1 m 0.6 x 0.7 m 0.3 x 0.6 m 0.5 x 0.5 m **Recommended density: Recommended density: Recommended density:** Recommended density: 8-10/ m<sup>2</sup> 8-10/ m<sup>2</sup> 8-10/ m<sup>2</sup> 4-6/ m<sup>2</sup> Use a clumping groundcover Moderately drought and Very drought and heat Can tolerate moderate form such as 'Mini Ha-ha' or waterlogging tolerant. tolerant. Needs well-drained drought and heavy clay soils. **COMMENTS** Meema. Prefers full sun but is Flowers in spring. soils. Flowers can remain on Needs full sun for flowering. shade tolerant. Also tolerates the plant for some time to Flowers in spring and autumn. Low maintenance. drought and waterlogging. Has provide extended display. Indigenous. Low maintenance. purple flowers in mid-winter Flowers late spring to early Exotic. and spring. summer. Low maintenance. Low maintenance. Exotic. Indigenous.

#### **KNIPHOFIA 'WINTER PHORMIUM TENAX KLEINIA SALVIA** CANARIENSIS MANDRALISCAE CHEER' IMAGE **SPECIES** Common Name: Common Name: Common Name: Common Name: DETAILS New Zealand Flax Bleu Chalksticks Red Hot Pokers Canary Island Sage **SECONDARY** Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): Size at maturity (HXW): 2 m x 1.5 m 0.45 x 0.75 m 1 x 0.6 m 1.5 x 2 m **Recommended density: Recommended density: Recommended density: Recommended density:** 4/ m<sup>2</sup> 8-10/ m<sup>2</sup> 6-8/ m<sup>2</sup> 3-4 / m<sup>2</sup> Very drought tolerant. Best in Once established can tolerate Does best in moist soils in full Prefers a sunny open site with full sun but can tolerate some sun but will tolerate some well drained soils. Moderately long periods without water. **COMMENTS** Can also be used around shade. This plant is grown for drought and shade. Flowers in drought tolerant. Flowering its attactive leaves rather than the edge of water features. winter. Has performed well in occurs in late spring to early Flowers late spring and early the flowers. raingardens in Moreland (eg. summer. summer. Use dwarf cultivars Mutton Reserve). Low maintenance. Moderate maintenance. where height is an issue. Exotic. Moderate maintenance. Exotic. Low maintenance. Exotic. Exotic.

		CALLISTEMON 'LITTLE JOHN'	CORREA 'DUSKY <u>BELLS'</u>	MELALEUCA INCANA	MELALEUCA THYMIFOLIA
SPECIES	IMAGE				
SECONDARY SP	<u>DETAILS</u>	Common Name: Little John Size at maturity (HXW): 1.2 x 1-2 m Recommended density: 1-2 / m <sup>2</sup>	Common Name: Dusky Bells Size at maturity (HXW): 0.45 x 2 m Recommended density: 2-3 / m <sup>2</sup>	Common Name: Grey Honey-mytle Size at maturity (HXW): 2 x 2m Recommended density: 1 / m <sup>2</sup>	Common Name: Thyme-leaf Honey-myrtle Size at maturity (HXW): 1 x 0.5 m Recommended density: 2 / m <sup>2</sup>
SECO	COMMENTS	Will grow in semishade to full sun. Moderately drought tolerant. Flowers in spring and early summer. Low maintenance. Native.	Drought tolerant small shrub that grows well in shade and sun. Flowers in autumn and winter. Low maintenance. Native.	Tolerates saline soils. Needs annual pruning to rejuvinate. Very drought and waterlogging tolerant. Flowers spring and early summer. Should only be planted where there is sufficient space. Moderate maintenance. Native.	Grows best with regular moisture. Regular pruning will maintain density. Flowers late winter to early summer. Moderate maintenance. Native.

# ILLUSTRATED CATALOGUE

CONVOLVULUS SABATIUS ω

IMAGE				
<u>DETAILS</u>	Common Name: Clustered Everlasting Size at maturity (HXW): 0.5 x 0.3 m Recommended density: 6-8 / m <sup>2</sup>	Common Name: Ice Plant Size at maturity (HXW): 0.6 x 0.6 m Recommended density: 6-8/ m <sup>2</sup>	Common Name: Coastal Correa Size at maturity (HXW): 1.5 x 1.5 m Recommended density: 1/m <sup>2</sup>	Common Name: Convolvulus Size at maturity (HXW): 0.1 x 2 m Recommended density: 6/ m <sup>2</sup>
<u>COMMENTS</u>	Prefers full sun. Drought tolerant but benefits from addional water in dry summers. Flowers in spring and summer. Moderate maintenance. Indigenous.	Flowers best in full sun. Flower heads can be left on the plant for some time. Moderately drought tolerant. Flowers in autumn. Moderate maintenance. Exotic.	Drought tolerant species that prefers free draining soils. Has woody roots so should help maintain infiltration capacity. Flowers for most of the year. Low maintenance. Indigenous.	Very drought tolerant. Will tolerate light shade but prefers full sun. Flowers from spring to autumn. Low maintenance. Exotic.

SEDUM 'AUTUMN <u>JOY'</u>

**CORREA ALBA** 

**CHRYSOCEPHALUM** 

**SEMIPAPPOSUM** 

**SECONDARY SPECIES** 

		BANKSIA <u>MARGINATA</u>	CALLISTEMON <u>VIMINALIS</u>	CALLISTEMON <u>SALIGNUS</u>	EUCALYPTUS LEUCOXYLON	LAGERSTROEMIA <u>CULTIVARS</u>
	IMAGE					
TREES	<u>DETAILS</u>	Common Name: Silver Banksia Size at maturity (HXW): 4-6 x 3-5m	Common Name: Red Bottlebrush Size at maturity (HXW): 6-8 x 4-6m	Common Name: Willow Bottle Brush Size at maturity (HXW) : 6-8 x 4-5m	Common Name: Yellow gum Size at maturity (HXW): 8-12 x 5-7m	Size at maturity (HXW): 4-6 x 3-5m
	<u>COMMENTS</u>	Woody, evergreen plants ranging from round shrubs to tall trees. Select stock that has been pruned to a single dominant stem. Prefers low phosphorus conditions Indigenous.	Optimal conditions are in moist well-drained soils in full - partial sun. It will grow in heavy waterlogged soils but is susceptible to frost damage. Native.	Grows well in most soil types, in full sun or part- shade. Moderate drought tolerance and high tolerance of water logging and therefore tolerates periods of inundation. Native.	Can grow with some coastal and saline conditions and irregular waterlogging.Has performed well in raingardens in Moreland (eg. Anderson Road, Fawkner). Indigenous.	Grows well in moist, slightly acidic soils in full sun. Exotic.

MORELAND CITY COUNCIL STREETSCAPE WSUD RAINGARDEN AND TREE PIT DESIGN PACKAGE

#### LOPHOSTEMON **PYRUS CALLERYANA GINKGO BILOBA MACLURA POMIFERA BRACHYCHITON** CONFERTUS **'WITCHITA'** ACERIFOLIUS IMAGE ES Common Name: Common Name: Common Name: Common Name: Common Name: **DETAILS** Brush Box **Callery** Pear Ginkgo Illawarra Flame Tree ш Wichita Osage Orange TR Size at maturity (HXW) : Size at maturity (HXW): Size at maturity (HXW) : Size at maturity (HXW): Size at maturity (HXW): 5-20 x 8 m 15 x 8m 8-12 x 5-7m 15-20 x 10-15m 12 -20 x 10-15m Prefers sandy soils and Not drought tolerant. Can Use only male trees as female Will grow in most soils and Adapts to most soils, prefers full sun- part shade. be used in narrow sites. Has trees produce foul smelling full sun and has tolerance prefers sunny position. COMMENTS Tolerant of dry conditions Drought and frost performed well in raingardens fruit. Tolerates pollution and to a range of difficult site tolerant. Has performed in Moreland (eg. Anderson is moderately drought and conditions after irrigation but can be sensitive to frost. well in raingardens in waterlogging tolerant. during establishment. Road, Fawkner). Native. Moreland (eg. Snell Exotic. Exotic. Exotic. Grove, Oak Park). Native.

		TRISTANIOPSIS <u>LAURINA</u>	<u>ULMUS PARVIFOLIA</u>	ELAEOCARPUS <u>RETICULATUS</u>	FICUS MICROCARPA	FRAXINUS VELUTINA <u>'MODESTO'</u>
	IMAGE					
TREES	<u>DETAILS</u>	Common Name: Kanooka, Water Gum Size at maturity (HXW): 5-20 x 5 m	Common Name: Chinese Elm Size at maturity (HXW): 8-12 x 8-15 m	Common Name: Blueberry Ash Size at maturity (HXW): 10-15 x 4-5 m	Common Name: Hill's Weeping Fig Size at maturity (HXW): 8-20 x 5-15 m	Common Name: Velvet Ash Size at maturity (HXW): 9- 20 x 9-12 m
	COMMENTS	Good in semishade to full sun. Tolerates moderate drought. Slow growing when young. Has performed well in raingardens in Moreland (eg. Major Road). Native.	Resistant to Elm Leaf Beetle. Should be formatively pruned when young to prevent branch shedding in old trees. Has performed well in tree pits in Moreland (eg. Major Road). Exotic.	Shade tolerant tree that does best with moist soils. Native.	Commonly used street tree in Moreland. Can be clipped. Tolerates drought and waterlogging and can grow in semishade to full sun. Looks best in an avenue. Native.	Suited to larger areas as the tree grows quite large. Formative pruning is required when young to attain good form. Deciduous and shade providing in summer. Use cultivar 'Modesto' as this is a male clone and so is not invasive. Exotic.

#### SUGGESTED PLANTING GROUPS

compositi a mix of p	itenance indigenous plant ion. To increase habitat diversity, olant forms (shrubs, grasses, ould be used.	<ul> <li>Suggested group:</li> <li>20% Correa alba</li> <li>16% Goodenia ovata</li> <li>16% Poa poiformis</li> <li>16% Ficinia nodosa</li> <li>16% Themeda triandra</li> <li>16% Hardenbergia violacea</li> </ul>	<u>ACTIVITY CENTRES</u>	Up to 50% moderate maintenance and the remaining 50% primary species	<ul> <li>Suggested group:</li> <li>20% Anigozanthos cultivar</li> <li>20% Chrysocephalum semipapposum</li> <li>15% Poa poiformis</li> <li>20% Ficinia nodosa</li> <li>15% Themeda triandra</li> <li>10% Dianella revoluta</li> </ul> The suggested species are all native.
species: Up to 25% and at lea The rema	w and moderate maintenance % moderate maintenance plants ast 50% primary species ining plants made up of low ince secondary species.	<ul> <li>Suggested group:</li> <li>25% Goodenia ovata</li> <li>25% Ficinia nodosa</li> <li>10% Anigozanthos cultivar</li> <li>15% Kniphofia 'Winter Cheer'</li> <li>15% Limonium perezii</li> <li>10% Veronica perfoliata</li> </ul>	RESIDENTIAL	Low maintenance plants that have visual appeal: 50% primary species 50% low maintenance species that have display features (attractive flowers or contrasting leaf colours)	<ul> <li>Suggested group:</li> <li>25% Ficinia nodosa</li> <li>25% Goodenia ovata</li> <li>25% Veronica perfoliata</li> <li>25% Limonium perezii</li> </ul>

**INDIGENOUS** 

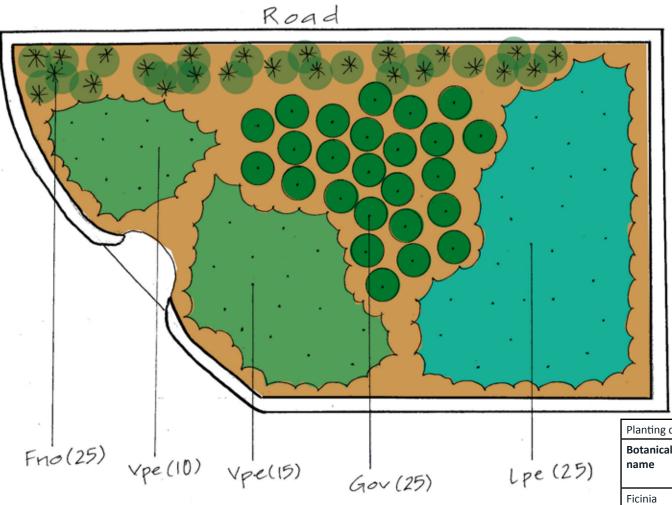
**PUBLIC SPACE** 

		Species	Habit	Maintenance needs
Primary		**Themeda triandra	Grass	Can be cut back in early spring, only lightly prune.
		**Poa poiformis	Grass	Cut to the ground in Autumn only when required (every 2-3 years).
		**Juncus pallidus	Sedge/rush	Should be left unpruned for 3-4 years, should be cut to a few inches above the ground in autumn.
	ce	**Goodenia ovata	Subshrub	Should be left unpruned for 2-3 years. Can be pruned/slashed to rejuvinate.
	Low maintenance	**Carex appressa	Sedge/rush	Cut back to roughly half its size every few years to tidy up.
	ainte	**Ficinia nodosa	Sedge/rush	Cut back to a few inches above ground level every 3-4 years if needed. Can be left unpruned for some time.
	v mö	**Juncus amabilis	Sedge/rush	Can cut back dead foliage to the ground.
	Lo	**Juncus flavidus	Sedge/rush	Can cut back dead foliage to the ground.
Secondary		**Carpobrotus modestus	Succulent herb	Requires no pruning except to restrict size.
		**Dianella longifolia	Perennial herb	Cut back to roughly half its size every 3-4 years if needed. Can be left unpruned for some time.
		**Dianella revolouta	Perennial herb	Cut back to roughly half its size every 3-4 years if needed. Can be left unpruned for some time.
		**Lomandra longifolia	Perennial herb	Cut back to roughly half its size every 3-4 years if needed. Can be left unpruned for some time.
		**Myoporum parvifolium	Shrub	Pruning annually will help to increase lifespan and maintain plant density.
		**Hardenbergia violacea	Subshrub	Can be pruned annually to maintain density. Can be pruned to the ground to rejuvinate.
		**Veronica perfoliata	Perennial herb	Flowering stems can be cut to base after flowering.
		Limonium perezii	Perennial herb	Flowers can remain on the plants for a long time but should eventually be removed.
		Tulbaghia violacea	Perennial herb	Can be cut back after flowering.
		Phormium tenax	Perennial herb	Pruning only needed every 5 years or so. Old leaves should be cut to the base.
	ce	Kleinia mandraliscae	Perennial herb	Low maintenance. Can be cut back if it gets too large.
	Low maintenance	*Callistemon 'Little John'	Shrub	No special maintenance needs. Can be pruned back to control size.
	ainte	*Correa 'Dusky Bells'	Shrub	Tip pruning helps to maintain density. Responds well to hard pruning.
	× ni	**Correa alba	Shrub	Needs no special attention, responds well to pruning
	Γο	Convolvulus sabatius	Perennial herb	No special maintenance required, can be hard pruned.
		Kniphofia 'Winter Cheer'	Perennial herb	Flowers stems can be removed and old leaves cut back in spring.
		*Melaleuca incana	Shrub	Prune annually to maintain density. Can be hard pruned to rejuvinate.
		*Melaleuca thymifolia	Shrub	Prune annually to maintain density. Can be hard pruned to rejuvinate.
	e	Sedum 'Autumn Joy'	Succulent herb	Plants can be cut back to the ground. Flower heads can remain on plant for some time as they develop an attractive bronze appearance.
	enance	*Anigozanthos cultivars	Perennial herb	Divide every 3-5 years to maintain vigour.
	nter	**Dodonea viscosa	Shrub	Should be annually pruned to maintain density. Can be hard pruned to rejuvinate.
	mai	*Eucalyptus macrocarpa	Shrub	Plants should be pruned annually to improve plant form. Can be coppiced to produce many shoots.
	rate	Salvia canariensis	Shrub	Should be pruned annually after flowering to maintain form.
	Moderate mainte	**Chrysocephalum semipapposum	Perennial herb	Remove flowering stems once spent and cut back hard in autumn.

\*\*= Indigenous

\*= Native

Example planting plan and plant schedule



This page should be used as a guide for what to include in a basic planting plan. The quantities for plants should be altered based on raingarden size. Initial density should be high to increase root density and reduce potential for weed invasion when plants are first installed. The planting plan indicates the size and placements of plants when they are planted, rather than their eventual size.

This planting plan is based on plants from the 'Residential' planting group.

Footpath

Planting density 10 plants/m2. Area= 10 m2							
Botanical name	Code	Common name	Habit	Size at maturity (hxw)	Quantity		
Ficinia nodosa	Fno	Knobby Club-rush	Sedge/ rush	0.5 x 0.5 m	25		
Goodenia ovata	Gov	Hop Goodenia	Subshrub	1 x 1.5 m	25		
Veronica perfoliata	Vpe	Digger's Speedwell	Perennial herb	0.8 x 1 m	25		
Limonium perezii	Lpe	Perennial Statice	Perennial herb	0.6 x 0.7 m	25		
Total	Total						