

WORKING TOWARDS SAFE & RESPONSIBLE ON-SITE SEWAGE MANAGEMENT ON-SITE SEWAGE MANAGEMENT EDUCATION SERIES

PLANTING LIST

This factsheet provides a list of plants that are suitable for planting within your disposal and surrounding areas to help absorb the effluent being discharged.

The following is a list of suitable plants for planting within your disposal & surrounding areas aimed at providing suitable vegetation to help with absorbing the effluent within your disposal and surrounding areas.

Only low growing plants, included in this list, such as grasses, sedges and groundcovers are suitable to plant directly over the absorption trench or subsurface irrigation. All other vegetation such as trees and shrubs must be planted at a distance away from the absorption trench that is equivalent to the expected height

of the plant. Any plants with an invasive root system should not be planted on or close to the absorption trench or subsurface irrigation system, as the roots may block or interfere with the functioning of the system.

Following is a list of vegetation that is recommended for the disposal and surrounding area of your OSMS. Please note, not all plants will be suitable for all local climatic conditions. If you require further advice on plant selection, please contact your local council.

GRASSES

Botanical Name (e=exotic)	Common Name	Approximate Height (m)
Carex spp.	Sedge	variable
Lomandra longifolia	Spiny-head mat-rush	1.0
Microlaena stipoides	Weeping grass	0.7
Pennisetum alopecuroides	Available as lawn turf	0.4-0.8
Poa lab	Illardieri	0.3-0.8
Stipa spp.	Stipa	variable
Stenotaphrum Secundatum (e)	Buffalo	0.15
Pennisetum Clandestinum (e)	Kikuyo	0.15

GROUNDCOVERS

Botanical Name (e=exotic)	Common Name	Approximate Height (m)
Acanthus mollis (e)	Oyster plant	0.8
Coprosma x kirki (e)	Small leaf looking grass plant	1
Grevillea poorinda	Royal mantle	Prostrate
Isotoma fluviatilis	Blue star creeper	Prostrate
Liriope muscari (e)	Lily Turf	0.3-0.6
Ophiopogon japonicas (e)	Mondo grass	0.2-0.4
Scaevola albida	White fan-flower	0.50
Scaevola ramosissima	Purple fan-flower	0.40
Veronica plebeian	Trailing Speedwell	0.15
Viola hederacea	Native violet	



CLIMBERS

(only suitable for planting within the surrounding areas and not directly over an absorption trench or subsurface irrigation area.)

Botanical Name (e=exotic)	Common Name	Approximate Height (m)
Bougainvillea spp (e)	Bougainvillea	1.0-12.0
Hardenbergia violacea	Happy wanderer	6
Hibbertia scandens	Snake vine	2.0-5.0
Jasminium polyanthum	Jasmine	3
Kennedia rubicunda	Dusky coral pea	4.0
Pandorea jasminoides	Bower of beauty	1.8

SEDGES/GRASSES/SMALL PLANTS

Botanical Name (e=exotic)	Common Name	Approximate Height (m)
Agapanthus preacox (e)	Common agapathus	0.8-1.0
Anigozanthus flavidus	Kangaroo paw	2
Baumea acuta	Pale twig-rush	0.3
Baumea articulate	Jointed Rush	Sedge
Baumea juncea	Bare twig-rush	Sedge
Baumea nuda		Sedge
Baumea rubiginosa	Flat leaf twig-rush	Sedge
Baumea teretifolia		Sedge
Blandfordia grandiflora	Christmas bell	0.3-0.9
Blandfordia nobilis	Christmas bell	0.3-0.9
Brachyscome diversifolia	Native daisy	0.45
Canna x generalis (e)	Canna lily	1.0-3.0
Carex appressa	Tall sedge	Sedge
Cotula coronopifolia	Waterbutton	0.1-0.2
Crinum pedunculatum	Swamp lilly	<2.0
Cyperus polystachyos	Field sedge	Sedge
Dianella caerulea	Blue flax lilly	1.0
Epacris microphylla	Coral Heath	0.5-1.0
Fern		
Gahnia spp.	Sawsedge / Tall grass	sedge
Hibbertia stellaris	Star guinea flower	0.5
Juncus spp.	Rush	0.5
Lobelia trigonocaulis	Forest Lobelia	0.05-0.1
Lomandra spp.	Mat-rush	Grass
Patersonia fragilis	Native iris	0.5
Patersonia glabrata	Native iris	0.5
Patersonia occidentalis	Native iris	0.5
Ranunculus graniticola	Granite buttercup	0.2-0.3
Restio australis	Mountain Cordrush	Reed
Restio tetraphyllus	Tassel cordrush	1
Sowerbaea juncea	Rush lily	Sedge
Tetratecha juncea	Black-eyed susan	<0.3
Xyris operculata	Tall yellow eye	<1.0

SHRUBS

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Botanical Name (e=exotic)	Common Name	Approximate Height (m)
Abelia x grandiflora (e)	Abelia	1.8
Agonis flexuosa nana	Willow peppermint	2
Astor novi-belgii (e)	New York aster	0.1-0.9
Baekea linifolia	Flax-leaf heath myrtle	1.0-2.5
Baekea utilis	Mountain heath myrtle	1.0-2.5
Baekea virgate	Twiggy heath myrtle	<4.0
Banksia aemula	Wallum banksia	1.0-7.0
Banksia robur	Swamp banksia	0.5-2.0
Bauera rubroides	Dog rose	0.5-1.5
Callistemon	Burgundy	2.0-3.0
Callistemon	Eureka	2.0-4.0
Callistemon	Harkness	3.0-4.0
Callistemon	Kings park special	3.0-4.5
Callistemon	Mauve mist	2.0-3.0
Callistemon	Red clusters	1-2.5m
Callistemon	Reeves Pink	2.0-3.0
Callistemon citrinus	Austraflora firebrand	0.5-0.8
Callistemon citrinus	Splendens	2.0-4.0
Callistemon citrinus	White ice	0.6-1.0
Callistemon linearis	Narrow-leaved bottlebrush	1.0-3.0
Callistemon macropunctatus	Scarlet bottlebrush	2.0-4.0
Callistemon pachyphullus	Wallum bottlebrush	2.0-3.0
Callistemon pallidus	Lemon bottlebrush	1.5-4.0
Callistemon pinifolius	Pine-leaved bottlebrush	1.0-3.0
Callistemon rigidus	Stiff bottlebrush	1.5-2.5
Callistemon salignus	Willow bottlebrush	3.0-10.0
Callistemon shiresii	White bottlebrush	4.0-8.0
Callistemon sieberi	River bottlebrush	1.5-2.0
Callistemon sieberi	Austraflora little cobbler	0.5-0.8
Callistemon subulatus	Dwarf bottlebrush	1.0-2.0
Callistemon viminalis	Captain cook	1.0-2.0
Callistemon viminalis	Dawson river	5.0-10.0
Callistemon viminalis	Hannah ray	3.0-5.0
Callistemon viminalis	Little john	0.5-1.0
Callistemon viminalis	Rose opal	1.5-2.0
Callistemon viminalis	Western glory	2.0-3.0
Ceratostigma (e)	Plumbago	1
Chaenomeles Lagenaria (e)	Flowering quince	2
Chrysanthrum maximum (e)	Shasta daisy	0.-0.9
Correa alba	White correa	1.5
Cuphea ignea (e)	Cigar plant	0.6
Euonymus japonicas (e)	Japanese spindle	2.0-8.0

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Botanical Name (e=exotic)	Common Name	Approximate Height (m)
<i>Euphorbia millii</i> (e)	Crown of thorns	1.5
<i>Goodenia ovata</i>	Hop goodenia	1.0-1.5
<i>Hebe speciosa</i> (e)	New Zealand hebe	1.0-2.0
Hibiscus	Swamp hibiscus	1.0-2.0
<i>Jasminum officinale</i> 'Grandiflorum' (e)	Jasmine	1.1
<i>Kunzea capitata</i>	Pink kunzea	1.0-2.0
<i>Leptospermum flavescens</i>	Tea-tree	<2.0
<i>Leptospermum juniperinum</i>	Tea-tree	1
<i>Leptospermum lanigerum</i>	Woolly tea-tree	1.0-2.0
<i>Leptospermum squarrosum</i>	Peach blossom tea-tree	<2.0
<i>Melaleuca alternifolia</i>	Narrow-leaved paperbark	4.0-7.0
<i>Melaleuca decussate</i>	Cross-leaved honey myrtle	1.0-2.0
<i>Melaleuca lanceolata</i>	Moonah	4.0-6.0
<i>Melaleuca squamea</i>	Swamp honey-myrtle	1.0-2.0
<i>Melaleuca thymifolia</i>	Thyme-leaf honey-myrtle	0.5-1.5
<i>Nerium oleander</i> (e)	Oleander	6
<i>Plumbago auriculata</i> (e)	Blue plumbago	6
<i>Salvia x superba</i> (e)	Hybrid sage	1
<i>Stokesia laevis</i> (e)	Stokes aster	0.3-0.6
<i>Thunbergia alata</i> (e)	Black-eyed susan	4
<i>Westringia fruticosa</i>	Native rosemary	2

TREES

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Botanical Name (e=exotic)	Common Name	Approximate Height (m)
<i>Acacia elongate</i>	Swamp wattle	>2.0
<i>Acacia floribunda</i>	Gossamer wattle	2.0-4.0
<i>Acmena smithii</i>	Lilli pilli	10.0-20.0
<i>Agonis flexuosa</i>	Willow myrtle	5.0-6.0
<i>Allocasuarina diminuta</i>	Sheoak	1.5
<i>Allocasuarina paludosa</i>	Swamp sheoak	0.5-2.0
<i>Angophora costata</i>	Smooth barked apple	25
<i>Angophora floribunda</i>	Rough-barked apple	30
<i>Angophora subvelutina</i>	Broad-leaved apple	12.0-20.0
<i>Callicoma serratifolia</i>	Black wattle	<6.0
<i>Casuarina cunninghamiana</i>	River she-oak	10.0-30.0
<i>Casuarina glauca</i>	Swamp oak	6.0-12.0
<i>Casuarina stricta</i>	Drooping sheoak	10
<i>Elaeocarpus reticulatis</i>	Blueberry ash	15
<i>Eucalyptus amplifolia</i>	Cabbage gum	30

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Botanical Name (e=exotic)	Common Name	Approximate Height (m)
<i>Eucalyptus botryoides</i>	Bangalay / Southern mahogany	40
<i>Eucalyptus camaldulensis</i>	River red gum	15.0-20.0
<i>Eucalyptus elata</i>	River peppermint	20.0-30.0
<i>Eucalyptus grandis</i>	Flooded gum	10.0-20.0
<i>Eucalyptus longifolia</i>	Woollybutt	20
<i>Eucalyptus pilularis</i>	Blackbutt	30.0-40.0
<i>Eucalyptus punctata</i>	Greygum	<35.0
<i>Eucalyptus robusta</i>	Swamp mahogany	20.0-30.0
<i>Eucalyptus tereteicornis</i>	Forest red gum	30.0-40.0
<i>Eucalyptus viminalis</i>	Ribbon gum	20.0-40.0
<i>Flindersia australis</i>	Native teak	<40.0
<i>Hakea salicifolia</i>	Willow-leaved hakea	5.0-8.0
<i>Hakea saligna</i>	Fine leaf willow-leaved hakea	5.0-8.0
<i>Hymenosporum flavuum</i>	Native frangipani	3.0-6.0
<i>Leptospermum petersonii</i>	Tea-tree	5
<i>Melaleuca armillaris</i>	Bracelet honey myrtle	3.0-4.0
<i>Melaleuca decora</i>	White feather honey myrtle	4.0-7.0
<i>Melaleuca ericifolia</i>	Swamp paperbark	6
<i>Melaleuca halmaturorum</i>	Salt paperbark	4.0-6.0
<i>Melaleuca hypericifolia</i>	Red-flowered paperbark	2.0-3.0
<i>Melaleuca linariifolia</i>	Snow in summer	4.0-8.0
<i>Melaleuca quinquenervia</i>	Broad paperbark	5.0-7.0
<i>Melaleuca squarrosa</i>	Scented paperbark	6
<i>Melaleuca stypheloides</i>	Prickly paperbark	6.0-15.0
<i>Melia azedarach</i>	White cedar	15.0-20.0
<i>Nyssa sylvatica</i> (e)	Tupelo	25
<i>Photinea x fraseri</i> 'Robusta' (e)	Red-leaf photinia	8
<i>Pittosporum</i> spp.	Pittosporum	2.0-30.0
<i>Syzygium paniculatum</i>	Bush cherry	8.0-10.0
<i>Tristania laurina</i>	Kanuka	5.0-15.0
<i>Tristaniaopsis laurina</i>	Water gum	4.5-9.0
<i>Viminaria juncea</i>	Golden Spray	2.0-6.0



