

Regional Stormwater Technical Design Guidelines (Mamre Road Precinct)

Riparian Corridor Planting Palette

29th November, 2022 (V1)

Notes:

- At least 75% of the species listed below must be used.
- No more than 20% of any individual species is to be used with each planting area.
- Plants are to be mixed to ensure all species are distributed throughout the planting area, with species randomly grouped to best match localised ecological conditions.
- Final selection of plant species to be approved by Sydney Water.

Botanical Name	Common Name	Plants per m ²	% of species per m ²	CPW Species	RFEF Species	Recommended for use within Subzone [as noted within Avisure report]				Tolerance to Saline Soils	Available at Nurseries [Nov 2022]	Comments
						A1 - 3km subzone	A2 - 3km subzone	B1 - 8km subzone	B2 - 8km subzone			
AQUATIC (CONTINUOUSLY SUBMERGED)		4										
<i>Eleocharis sphacelata</i>	Tall Spike-rush		20%	x	x			Y		✓	Y	Aquatic planting only to be installed in limited areas (deep pools with >200mm permanent water depth) along riparian corridor only.
<i>Lepironia articulata</i>	Lepironia		20%	x	x			Y		✓	Y	
<i>Myriophyllum simulans</i>	Amphibious Water-milfoil		10%	x	x			Y		✓	Y	
<i>Philydrum lanuginosum</i>	Woolly Waterlily		10%	x	x			Y		✓	Y	
<i>Schoenoplectus validus</i>	River Club-rush		20%	x	x			Y		✓	Y	
<i>Triglochin microtuberosa</i>	Water Ribbons		20%	x	x			Y		✓	N	
Subtotal Waterway Continuously Submerged			100%									
LOWER BANK (REGULARLY SUBMERGED)		4										
<i>Carex appressa</i>	Tall Sedge		20%	x	x			Y		✓	Y	
<i>Dianella longifolia</i>	Smooth Flax Lily		20%	✓	x			Y		✓	Y	
<i>Ficinia nodosa</i>	Knobby Club Rush		20%	x	x			Y		✓	Y	
<i>Juncus usitatus</i>	Common Rush		20%	✓	x			Y		✓	Y	
<i>Lomandra filiformis</i>	Wattle Mat-rush		20%	✓	✓			Y		✓	Y	
Subtotal Waterway Regularly Submerged			100%									
UPPER BANK (OCCASIONALLY SUBMERGED)		4										
Note: refer "Riparian Edge Planting" list for trees and shrubs to be planted only in top portion of upper bank planting areas.												
<i>Aristida ramosa</i>	Purple Wiregrass			✓	x			N		x	N	Subject to monitoring and/or maintenance plan
<i>Chloris truncata</i>	Windmill Grass			✓	x			N		✓	N	Subject to monitoring and/or maintenance plan
<i>Cymbopogon refractus</i>	Barbed Wiregrass			x	✓			N		x	N	Subject to monitoring and/or maintenance plan
<i>Dianella longifolia</i>	Smooth Flax Lily			✓	x			N		✓	Y	Subject to monitoring and/or maintenance plan
<i>Dichelachne micrantha</i>	Short-hair Plume Grass			✓	✓			N		x	Y	Vertical growing habit - to be planted to edges of maintenance tracks. Subject to monitoring and/or maintenance plan
<i>Dichondra repens</i>	Kidney Weed			✓	✓					x	Y	
<i>Entolasia marginata</i>	Boarded Panic			✓	✓			N		x	N	
<i>Imperata cylindrica</i>	Bladey Grass			x	✓			Y		x	Y	Vertical growing habit - to be planted to edges of maintenance tracks. Subject to monitoring and/or maintenance plan
<i>Lomandra filiformis</i>	Wattle Mat-rush			✓	✓			Y		✓	Y	Subject to monitoring and/or maintenance plan
<i>Microlaena stipoides var stipoides</i>	Weeping Meadow Grass			✓	✓			N		x	Y	Subject to monitoring and/or maintenance plan
<i>Poa labillardieri</i>	Tussock Grass			✓	x			Y		✓	Y	

Regional Stormwater Technical Design Guidelines (Mamre Road Precinct)

Riparian Edge Planting Palette (top of upper bank planting areas and above top of bank)

29th November, 2022 (V1)

Notes:

- At least 75% of the species listed below must be used.
- No more than 5% of any individual species is to be used within each planting area.
- Plants are to be mixed to ensure all species are distributed throughout the planting area, with species randomly grouped to best match localised ecological conditions.
- Final selection of plant species to be approved by Sydney Water.

Botanical Name	Common Name	Plants per m ²	CPW Species	RFEF Species	Recommended for use within Subzone [as noted within Avisure report]				Tolerance to Saline Soils	Available at Nurseries [Nov 2022]	Comments
					A1 - 3km subzone	A2 - 3km subzone	B1 - 8km subzone	B2 - 8km subzone			
TREES											
Notes:											
1. Trees to be planted only in top portion of upper bank planting areas and riparian edge planting areas.											
2. Trees to be planted in groupings of 3-6 mixed tree species, with 10-20m between groupings.											
3. Trees to be planted with trunk centres not closer than 4m apart.											
<i>Acacia implexa</i>	Hickory Wattle		✓	✗			N		✓	Y	Short-lived tree. May be used by avifauna for perching or feeding (on flowers/seeds). Monitoring required
<i>Acacia parramattensis</i>	Sydney Green Wattle		✓	✓			N		✓	Y	Short-lived tree. May be used by avifauna for perching or feeding (on flowers/seeds). Monitoring required
<i>Angophora floribunda</i>	Rough-barked Apple		✗	✓			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Casuarina glauca</i>	Swamp Oak		✓	✗			Y		✓	Y	May be used by avifauna for feeding (on flowers/seeds). Monitoring required
<i>Corymbia maculata</i>	Spotted Gum		✓	✗			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus amplifolia</i>	Cabbage Gum		✗	✓			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus crebra</i>	Narrow-Leaved Ironbark		✓	✗			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus elata</i>	River White Gum		✗	✓			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus eugenioides</i>	White Stringybark		✓	✗			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus fibrosa</i>	Red Ironbark		✓	✗			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus moluccana</i>	Grey Box		✓	✓			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Eucalyptus tereticornis</i>	Forest Redgum		✓	✓			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Melaleuca linariifolia</i>	Snow in Summer		✗	✓			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark		✗	✓			N		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
<i>Melia azederach</i>	White Cedar		✗	✓			Y		✓	Y	May be used by avifauna for feeding (on flowers/seeds). Monitoring required
<i>Ozothamnus diosmifolius</i>	Rice Flower		✗	✓			N		✗	Y	
<i>Tristaniopsis laurina</i>	Water Gum		✗	✓			Y		✓	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
SHRUBS		(1/50m ²)									
<i>Acacia falcata</i>	Sickle Wattle		✓	✗			N		✓	Y	May be used by avifauna for perching or feeding (on flowers/seeds). Monitoring required
<i>Acmena smithii</i>	Lilly Pilly		✗	✓			N		✗	Y	May be used by avifauna for feeding (on flowers/fruit). Monitoring required
<i>Breynia oblingifolia</i>	Coffee Bush		✗	✓			N		✗	Y	May be used by avifauna for feeding (on flowers/fruit). Monitoring required
<i>Bursaria spinosa</i>	Blackthorn		✓	✓			Y		✗	Y	May be used by avifauna for feeding (on flowers). Monitoring required
<i>Daviesia ulicifolia</i>	Gorse Bitter Pea		✓	✗			Y		✗	N	Insect attractant. May be used by avifauna for feeding (on flowers). Monitoring required
<i>Dillwynia sieberi</i>	Prickly-Parrot Pea		✓	✗			Y		✗	N	Insect attractant. May be used by avifauna for feeding (on flowers). Monitoring required
<i>Indigofera australis</i>	Australian Indigo		✓	✗			Y		✓	Y	Insect attractant. May be used by avifauna for feeding (on flowers). Monitoring required
<i>Melaleuca decora</i>	White Feather Honey Myrtle		✗	✓			N		✗	Y	Species from Myrtaceae family generally attractive to birds and flying-foxes. Monitoring required
GRASSES		4									
<i>Aristida ramosa</i>	Purple Wiregrass		✓	✗			N		✗	N	Subject to monitoring and/or maintenance plan
<i>Aristida vagans</i>	Threeawn Speargrass		✓	✗			N		✗	N	
<i>Arthropodium milleflorum</i>	Vanilla Lily		✓	✗			N		✗	N	
<i>Austrostipa ramosissima</i>	Stout Bamboo Grass		✗	✓			N		✓	N	
<i>Chloris truncata</i>	Windmill Grass		✓	✗			N		✓	N	Subject to monitoring and/or maintenance plan

<i>Chloris ventricosa</i>	Plump Windmill Grass	✓	x			N		✓	N	
<i>Cymbopogon refractus</i>	Barbed Wiregrass	x	✓			N		x	N	Subject to monitoring and/or maintenance plan
<i>Dianella longifolia</i>	Smooth Flax Lily	✓	x			N		✓	Y	Subject to monitoring and/or maintenance plan
<i>Dichelachne micrantha</i>	Short-hair Plume Grass	✓	✓			N		x	Y	Vertical growing habit - to be planted to edges of maintenance tracks. Subject to monitoring and/or maintenance plan
<i>Echinopogon ovatus</i>	Forest Hedgehog Grass	✓	✓			N		x	N	
<i>Entolasia marginata</i>	Boarded Panic	✓	✓			N		x	N	
<i>Imperata cylindrica</i>	Bladey Grass	x	✓			Y		x	Y	Vertical growing habit - to be planted to edges of maintenance tracks. Subject to monitoring and/or maintenance plan
<i>Lepidosperma laterale</i>	Variable Sword Sedge	✓	x			N		x	N	
<i>Lomandra filiformis</i>	Wattle Mat-rush	✓	✓			Y		✓	Y	Subject to monitoring and/or maintenance plan
<i>Microlaena stipoides var stipoides</i>	Weeping Meadow Grass	✓	✓			N		x	Y	Subject to monitoring and/or maintenance plan
<i>Panicum simile</i>	Two Colour Panic Grass	✓	x			N		x	N	
<i>Paspalidium distans</i>	Shot Grass	x	✓			N		x	N	
<i>Poa labillardieri</i>	Tussock Grass	✓	x			Y		✓	Y	
<i>Themeda australis</i>	Kangaroo Grass	✓	✓			Y		✓	Y	Subject to monitoring and/or maintenance plan
GROUNDCOVERS		4								
<i>Brunoniella australis</i>	Blue Trumpet	✓	x					?	N	
<i>Centella asiatica</i>	Centella	x	✓					✓	N	
<i>Cheilanthes sieberi</i>	Mulga Fern	✓	✓					?	N	
<i>Clematis glycinoides var. Glycinoides</i>	Guwalyari	x	✓					?	N	
<i>Commelina cyanea</i>	Scurvy Weed	✓	✓					✓	Y	
<i>Desmodium varians</i>	Slender Tick-trefoil	x	✓					?	N	
<i>Dichondra repens</i>	Kidney Weed	✓	✓					x	Y	
<i>Einadia hastata</i>	Berry Saltbush	x	✓					✓	Y	
<i>Einadia trigonos subsp. Trigonos</i>	Fishweed	x	✓					✓	N	
<i>Eremophila debilis</i>	Winter Apple	✓	x					?	N	
<i>Euchiton sphaericus</i>	Cudweed	x	✓					?	N	
<i>Geranium solanderi</i>	Native Geranium	x	✓					?	Y	
<i>Glycine clandestine</i>	Twining Glycine	✓	✓					✓	N	
<i>Glycine tabacina</i>	Love Creeper	✓	✓					?	N	
<i>Goodenia hederacea</i>	Forest Goodenia	x	✓					✓	Y	
<i>Hardenbergia violacea</i>	Purple Coral Pea	✓	✓					x	Y	
<i>Hibbertia diffusa</i>	Wedge Guinea Flower	✓	x					?	N	
<i>Oplismenus aemulus</i>	Creeping Beard Grass	x	✓					?	N	Subject to monitoring and/or maintenance plan
<i>Oxalis perennans</i>	Grassland Wood-Sorrel	✓	✓					✓	N	
<i>Pratia purpruascens</i>	Whiteroot	✓	✓					✓	Y	
<i>Solanum prinophyllum</i>	Forest Nightshade	x	✓					?	N	
<i>Veronica cineria</i>	Speedwell	✓	✓					?	Y	
<i>Viola hederacea</i>	Native Violet	✓	✓					✓	Y	
<i>Wahlenbergia gracilis</i>	Native Bluebell	✓	✓					?	Y	

