



Department of Biodiversity,  
Conservation and Attractions

# Perth Water *Buneenboro* Appendix B - Landscape Zones

April 2024





Figure 1 Landscaping zones



## Zone classifications

Indicative landscaping intentions based on the site conditions, current and anticipated land uses are colour coded and described adjacent.

### Landscape zonings

Zones are described below. Although landscape zoning delineations occur along straight lot boundaries, improved aesthetic and ecological function will be achieved with an integrated, overlapped approach.



#### Natural Interfacing

Explore opportunities to create a high-quality environmental interface with vegetation, bioengineering and minimal hard infrastructure. See Appendix A - Plant Species list for plant species suitable in the riparian and intertidal zones.



#### Green : Enhancement & protection

Opportunities to enhance and protect improve ecological function.



#### Cyan : Landscaping with constraints

Focus on supporting biodiversity connections, while providing amenity value through play and educational initiatives, and recognising constraints such as river and city views from public points.



#### Purple : native vegetation corridors

Revegetate with the aim of linking urban areas to the foreshore.



#### Yellow : public view corridors

Revegetate while maintaining public view corridors.

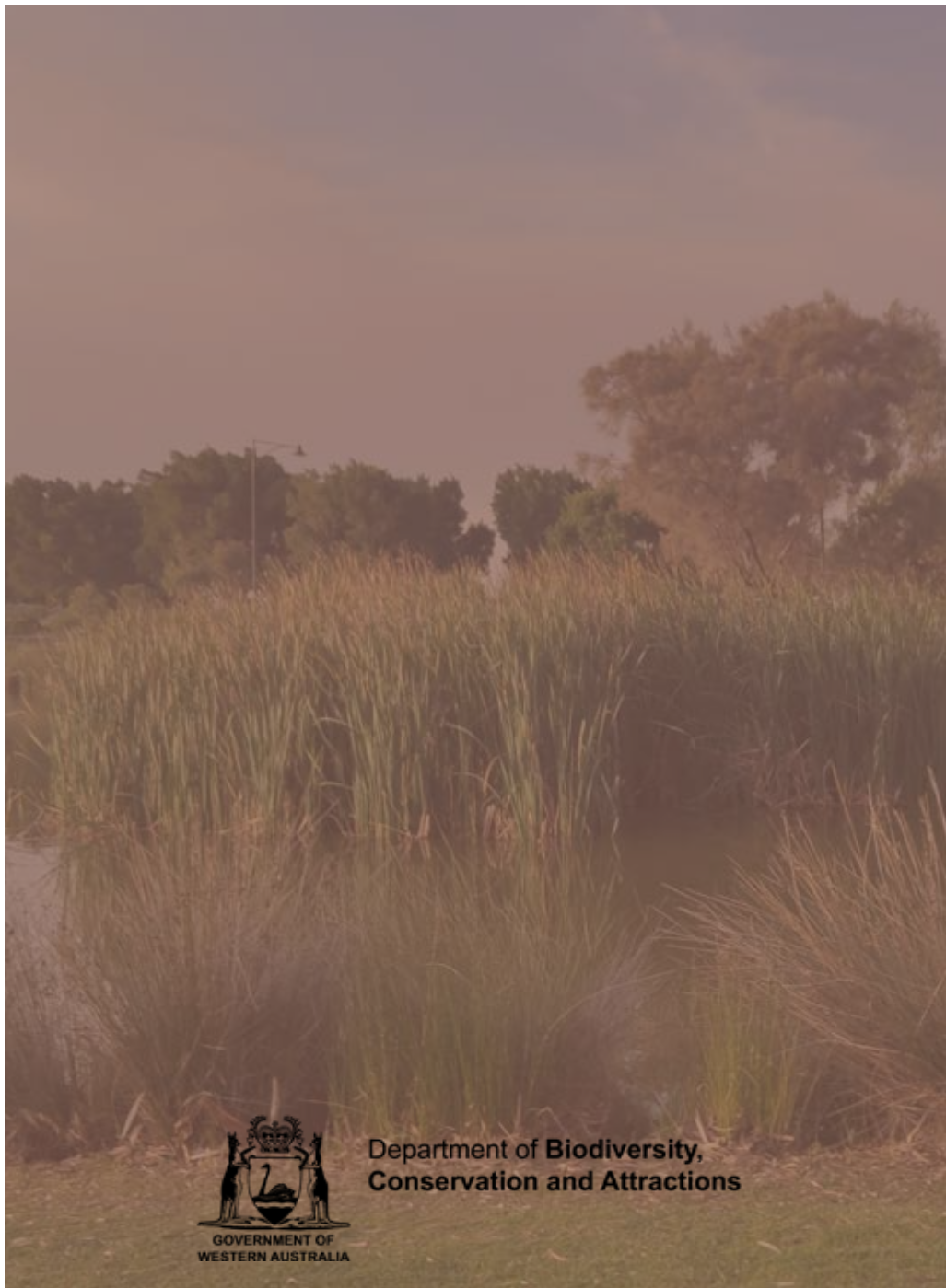
Class	Zone	Description
	<b>1. Riverside Drive &amp; Langley Park</b>	<p><b>Short Term</b></p> <ul style="list-style-type: none"> <li>- Aim to improve linkages between the urban area, the foreshore and the estuary, while incorporating a diverse mix of low vegetation near identified public viewing corridors and providing opportunities for shade where appropriate;</li> <li>- Consider how landscaping can improve diversity while enhancing amenity value and integrating water sensitive urban design;</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul> <p><b>Long Term</b></p> <ul style="list-style-type: none"> <li>- Should Riverside Drive be relocated landward, the characterisation of this area shifts from revegetation with constraints to revegetation: a wide foreshore buffer should be created by planting species to improve ecological function and habitat value, and support bioengineering and other stabilisation activities.</li> </ul>
	<b>2. Point Fraser</b>	<ul style="list-style-type: none"> <li>- Revegetate using species to improve foreshore stability and ecological function.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- Any activities will need to factor in the aims of the Draft Riverfront Masterplan and allow for landscaping and foreshore treatments proposed/ implemented by the Causeway Pedestrian and Cyclist Bridge.</li> </ul>



Class	Zone	Description
	<b>3. Heirisson Island</b>	<ul style="list-style-type: none"> <li>- Promote as ecological and cultural sanctuary to enhance and buffer Threatened Ecological Communities (TEC) and support bioengineering to stabilise the foreshore.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- Any activities will need to factor in the aims of the Draft Riverfront Masterplan and allow for landscaping and foreshore treatments proposed/ implemented by the Causeway Pedestrian and Cyclist Bridge.</li> </ul>
	<b>4. Waterbank to Matagarup Bridge</b>	<ul style="list-style-type: none"> <li>- Improve ecological and aesthetic function of foreshore. Integrate full strata planting to promote biodiversity connection and increase amenity/shade.</li> <li>- Native vegetated corridors are to lead from urban areas into the foreshore and balance: <ul style="list-style-type: none"> <li>a. plantings which promote structure, provide biodiversity connection and create shade; with</li> <li>b. plantings of lower vegetation between vegetated corridors to protect strategic views from the public realm.</li> </ul> </li> <li>- Species are predominantly associated with the Vasse Complex, however, similar foreshore species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>5. Victoria Gardens</b>	<ul style="list-style-type: none"> <li>- Native vegetated corridors are to lead from urban areas into the foreshore. Focus on installing plantings which promote structure, support bioengineering, provide biodiversity connection and create shade.</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- The northern portion of this zone (adjacent to river entrance of Claisebrook Cove) is sometimes used to host events.</li> <li>- South of the project is approximately 150m of untreated foreshore.</li> <li>- These considerations should also include the high-density housing immediately adjacent, which may impose constraints on the size of trees.</li> </ul>
	<b>6. Mardalup Park</b>	<ul style="list-style-type: none"> <li>- Large extent of the shoreline has undergone erosion control works with a mix of hard structure and bioengineering. This obscures the complex determination.</li> <li>- Increase vegetation coverage and as exotic deciduous trees senesce, replace with native species.</li> <li>- Species are associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>

Class	Zone	Description
	<b>7. Optus Stadium Parklands</b>	<ul style="list-style-type: none"> <li>- Aim to create and strengthen biodiversity linkages, improve diversity and structure. Ensure foreshore species can withstand frequent inundation, supporting bioengineering and enhancing biodiversity.</li> <li>- Species associated with the Swan Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>8. Burswood Park</b>	<ul style="list-style-type: none"> <li>- Revegetation is to support bioengineering and enhance biodiversity.</li> <li>- Species associated with the Bassendean Complex Central and South are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>9. Charles Paterson</b>  Vasse Sheoak and Flooded Gum Woodland	<ul style="list-style-type: none"> <li>- Planting at this location is to support amenity and environmental values. A diverse mix of low vegetation near identified public viewing corridors is suitable, providing opportunities for shade where appropriate.</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- Portions of this zone are used for events (i.e., Telethon Cinemas).</li> <li>- A Riverpark Interpretation node will be developed in the southern portion of this site.</li> </ul>
	<b>10. McCallum Park</b>	<ul style="list-style-type: none"> <li>- Planting at this location is to support amenity and environmental values. A diverse mix of low vegetation near identified public viewing corridors is suitable, providing opportunities for shade where appropriate.</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- Any activities will need to factor in the aims of the Draft Riverfront Masterplan and allow for landscaping and foreshore treatments proposed/ implemented by the Causeway Pedestrian and Cyclist Bridge.</li> </ul>
	<b>11. Taylor Reserve</b>	<ul style="list-style-type: none"> <li>- Planting at this location is to support amenity and environmental values. A diverse mix of low vegetation near identified public viewing corridors is suitable, providing opportunities for shade where appropriate.</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul> <p><b>Other considerations</b></p> <ul style="list-style-type: none"> <li>- Portions of this zone are used for events</li> </ul>

Class	Zone	Description
	<b>12. Sir James Mitchell Park - East (Hurlingham Rd to Douglas St)</b>	<ul style="list-style-type: none"> <li>- Planting should be undertaken to enhance wetlands and support increased amenity and integrate with bioengineering and water sensitive stormwater and drainage systems.</li> <li>- Large opportunity to recreate the original fringing vegetation. Low shrublands or rushbeds could be used in the high use areas.</li> </ul>
	<b>13. Sir James Mitchell Park - Central (Douglas St to Alexandra St)</b>	<ul style="list-style-type: none"> <li>- Increase shade and vegetation diversity close to the foreshore.</li> <li>- Species associated with the Vasse and Karrakatta – Central and South complexes are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> <li>- Potential to recreate rushbeds adjacent to the foreshore to recreate original feel of the area.</li> <li>- Large opportunity to recreate the original fringing vegetation. Low shrublands or rushbeds could be used in the high use areas.</li> </ul>
	<b>14. Sir James Mitchell Park - West (Alexandra St to Esplanade)</b>	<ul style="list-style-type: none"> <li>- Revegetation should be undertaken with a view to increase biodiversity and amenity while including provision of water sensitive stormwater and drainage systems. Planting should be aimed at conserving, enhancing and buffering Threatened Ecological Communities and providing a linkage towards the estuary.</li> <li>- Species associated with the Karrakatta – Central and South complexes are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>15. Mends St to Millers Pool</b>	<ul style="list-style-type: none"> <li>- Introduce planting beds using low vegetation – and strategically placed native tree planting to improve amenity and maintain views to river and city skyline.</li> <li>- Species associated with the Karrakatta – Central and South complexes are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>16. Millers Pool</b>	<ul style="list-style-type: none"> <li>- Revegetate using a mix of low vegetation near identified public viewing corridors and providing opportunities for shade where appropriate.</li> <li>- Species associated with the Vasse Complex are encouraged, however, species from within the Perth Water Buneenboro Plant Species List are acceptable.</li> </ul>
	<b>17. David Carr Memorial Park</b>	<ul style="list-style-type: none"> <li>- Planting should be undertaken to provide continuity with adjacent wetlands, support passive recreation, and integrate water sensitive stormwater and drainage systems.</li> </ul>



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