

## Street Tree Renewal Information – Mackellar Avenue, Wheelers Hill

The table below lists the details of the trees to be removed at each location.

No	Location	Species	Condition Assessment
1.	7 Mackellar Avenue	Prunus cerasifera Nigra	Borer evident throughout tree, bark delaminating on lower trunk. Wounds with decay evident throughout scaffold branches, canopy in decline, < 2 Years ULE.
2.	15 Mackellar Avenue	Prunus cerasifera Nigra	Hollow at base of trunk with decay and fungal fruiting bodies observed throughout lower trunk, dieback in 40% of canopy, < 2 Years ULE.
3.	23 Mackellar Avenue	Grevillea sp.	Canopy declining, unlikely to establish into mature tree, < 2 Years ULE.
4.	97 Cootamundra Drive in Mackellar Avenue	Callistemon salignus	Canker at base, sooty mould present, 40% canopy dieback, < 2 Years ULE.
5.	40 Mackellar Avenue	Grevillea sp.	Whipper snipper damage, < 2 Years ULE.
6.	20 Mackellar Avenue	Callistemon citrinus	Sucker growth at base, canopy sparse and in decline, 30% dieback, < 2 Years ULE.
7.	80 Brandon Park Drive	Buckinghamia	Dead

\*< 2 Years ULE - with a useful life expectancy of less than two years

The table below lists the details of the locations and tree species to be planted in vacant sites along Mackellar Avenue, Wheelers Hill.

No	Location
1.	11 Mackellar Avenue
2.	21 Mackellar Avenue
3.	43 Mackellar Avenue
4.	12 Mackellar Avenue
5.	4 Mackellar Avenue

# Street Tree Renewal Information – Mackellar Avenue, Wheelers Hill

## MAP - Removals, Replacements & Infill Planting

The map below details the removals, replacements and infill plantings. All other trees have been assessed as having more than 2 years useful life and will be retained.





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### Proposed Species Options

#### Option 1 – Single species (both sides of the road)


<b><i>Buckinghamia celsissima</i> (Ivory Curl Tree)</b>	
Power line and Non Power line side	
	This tree has attractive foliage - the juvenile leaves are often lobed while the new growth is an attractive bronze color. Flowers are white to cream and occur in summer, attracting birds and insects. <b>Mature Size (h x w):</b> 8 -15m x 8 -12m <b>Form:</b> Round

#### Option 2 – - Combination of Species

<b><i>Acer X freemanii</i> 'Autumn Blaze' (Freeman Maple)</b>	
Non-Power line side	
	A medium, deciduous tree with oval to rounded canopy and straight trunk. Features deeply cut green leaves that turn to brilliant crimson-red in autumn. Works well as a feature tree for street landscapes. <b>Mature Size (h x w):</b> 13 x 10m <b>Form:</b> Oval/Round
<b><i>Fraxinus pennsylvanica</i> 'Urbanite' (Urbanite Green Ash)</b>	
Power line side	
	This is fast growing tree with outstanding lustrous green foliage that maintains a healthy appearance in summer, which turns a beautiful bronze color before falling. It adapts well to most soils and conditions. <b>Mature Size (h x w):</b> 11 x 8m <b>Form:</b> Pyramidal

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### Option 3 – Single species (both sides of the road)

<i>Brachychiton populneus x acerifolius</i> 'Jerilderie Red' (Jerilderie Red Hybrid Brachychiton)	
Power line and Non Power line side	
	<p>The form and colour of this magnificent tree makes it suitable for many urban situations streetscapes, it is a hardy drought tolerant tree. During the summer months the tree is densely packed with stunning powdery-red flowers that are shaped like small bells.</p> <p><b>Mature Size (h x w):</b> 8 x 7m <b>Form:</b> Broad-domed</p>