



# Old Growth Arboriculture

Tree Care and Assessment from Seed to Senescence

Old Growth Arboriculture  
ABN: 22495094782  
15A Sandford Street  
TEA TREE GULLY, S.A. 5091  
[www.oldgrowtharboriculture.com.au](http://www.oldgrowtharboriculture.com.au)  
Email: [oldgrowth23@gmail.com](mailto:oldgrowth23@gmail.com)

29 August 2025  
Sean Lyons-Reid  
PO Box 1417, Ashton 5137  
<seanlr58@gmail.com>

Dear Sean,

**re: regulated tree assessment 6 Pembroke Street, Kensington Park, South Australia.**

I visited the above address on 21 August 2025 to identify Regulated/Significant trees and to calculate applicable NRZ and SRZ (i.e., notional root zones and structural root zones as per AS 4970-2025) with respect to proposed construction of a house extension with verandah and deck, swimming pool, and a rear studio outbuilding. A Significant tree is present within the backyard and is documented here. A valid exemption is noted for a second large tree. Please refer to tree data below including a location map showing the positions of the cited trees and preliminary calculation of encroachment due to the construction footprint.

Yours sincerely,

**Dr Gregory Guerin** *B.Sc. Hons. PhD. Grad. Cert. Arb.* (Level 8 Consulting Arborist)

## Tree #1



<b>Species</b>	<i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> (River Red Gum)
<b>Location</b>	Backyard, rear/right corner behind shed
<b>Distance 1</b>	4.4 m from right side fence
<b>Distance 2</b>	8.8 m from rear fence
<b>Girth (@1 m from ground)</b>	496 cm
<b>Status</b>	REGULATED   <b><u>SIGNIFICANT</u></b>
<b>NRZ (Notional Root Zone, radius)</b>	15 m
<b>SRZ (Structural Root Zone, radius)</b>	4.2 m
<b>Structure</b>	POOR   FAIR   <b><u>GOOD</u></b>
<b>Condition</b>	POOR   FAIR   <b><u>GOOD</u></b>
<b>Vigour</b>	LOW   <b><u>GOOD</u></b>   HIGH   DORMANT
<b>Estimated useful life expectancy</b>	<5   5-10   >10-20   <b><u>&gt;20</u></b> years
<b>Maturity</b>	YOUNG   <b><u>MATURE</u></b>   OVER-MATURE

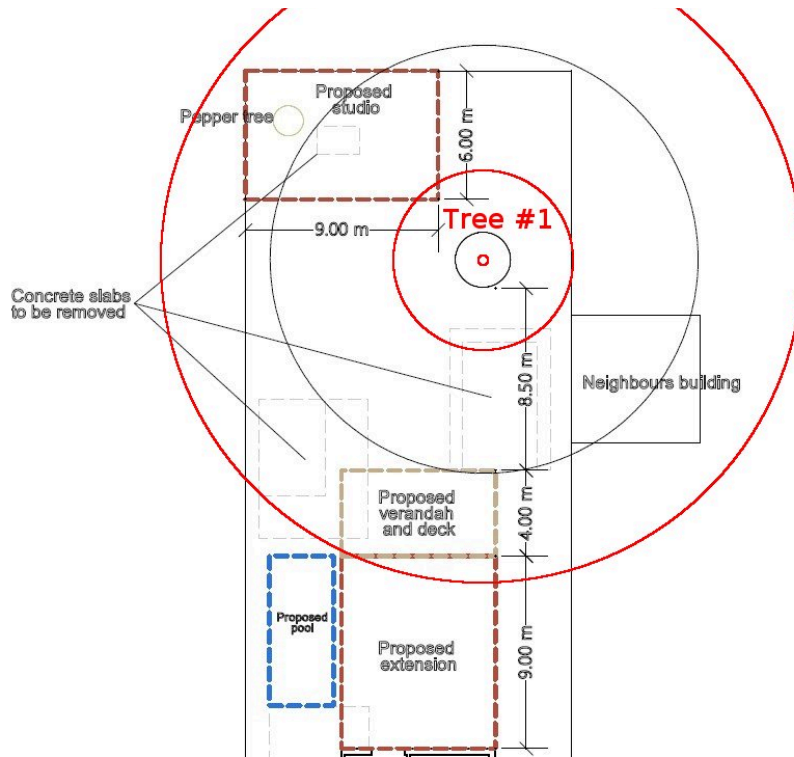
**Comments:** Large, remnant indigenous tree, possibly pre-European, in good health for age – history of appropriate maintenance/reduction pruning. High value due to biodiversity, amenity (easily visible from the road) and potential longevity. One horizontal limb to the rear, a very high limb over left/rear corner and very high limbs to front to ~1 m forward of the shed.

Notes on large exempt trees:

- Tree right/rear corner of backyard is a Peppercorn Tree (*Schinus molle*), a species generically exempt from regulation under the *Planning, Development and Infrastructure (General) Regulations* (2017) section 3F(4)(b) – Minister’s Notice – List of Exempt Species (listed as syn. *S. areira*):



## Preliminary encroachment assessment



Encroachment type	Feature	Encroachment (m <sup>2</sup> )	Encroachment (%)
Existing to be removed	Sheds	-65.0	-9.2
New	Studio	+54.0 + SRZ	+7.6
New	Deck	+35.0	+5.0
New	Grey water outlet	+42.7	+6.0
New	Neighbour's building	36.0	+5.1
<b>Total existing to be removed</b>	<b>-65.0 (-9.2%)</b>	<b>Total new</b>	<b>167.7 (23.7%)</b>
<b>Net new encroachment</b>		<b>+102.7 (+14.5%)</b>	

Assuming like-for-like replacement of existing structures to be removed, net new encroachment = 14.5% classed as Major due to encroachment within the SRZ. 'Grey water outlet' not shown in the site plan is provision for trenched outlet along the left side boundary from the studio forward, assuming a disturbance width of 300 mm along the boundary (calculated to the NRZ periphery as per AS 4970-2025):

