

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 3
Botanical Name: *Eucalyptus camaldulensis*
Common Name: River Red Gum
Location: Corner Bridge & Manningham Roads, Bulleen

Private land		Public land	X
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Melway Ref: 32 D5

Setting/Position: The remnant River Red Gum positioned on the corner of the existing petrol station, with its canopy overhanging the intersection forming a local landmark.

No. of trees: 1

Height: 16-18m (ave)

Canopy Spread (m) E-W: 10-12m
N-S: 10-12m

DBH: 1873mm

Approx. Age of Tree: 300+ years

TPZ: 28.1m **CRZ:** 3.3m



Category of Significance:

Horticultural Value		Location or context	X	Rare or localised		Particularly old	X	Outstanding size	X
Aesthetic value		Curious growth form		Historic value	X	Aboriginal culture		Outstanding eg. of species	

Level of Significance: Regional

History: Remnant River Red gum pre-dating European settlement. Recorded on the National Trust (Victoria) Register of Significant Trees it provides an example of remnant indigenous vegetation.

Health:

Pests/Diseases		Dead wood	X	Dieback	
Stunted growth		Stress	X	Rot	X
Leaf necrosis		Low foliage density	X	Possum damage	X

Other/Notes: Severe possum damage, leaving very limited foliage cover. Rot associated with limb loss points and pruning wounds, which has resulted in a number of hollows in the trunk housing possums. There is minor deadwood throughout the canopy with some dead limbs.

Health Rating: 4

Threats/Risks to Tree: Continued attack by possums will completely defoliate the tree, leading to severe decline and senescence. However possum guards were installed to the major leaders in the canopy on the day of inspection, reducing the likelihood of further attack.

Hazards/Risks:

Co-dominant branches		V-crotched	
Irregular branch structure		Low-hanging branches (unsafe)	
Diseased limbs		Other	X

Other/Notes: Limb loss as a result of the above stresses. However with close monitoring of the canopy of the tree this should not pose a major risk.

Structure Rating: 3

Works Required & Priority: Remove minor limbs in lower canopy to prevent possum access to limbs, notably a small limb on the west side of the canopy and a small dead limb on the east. Minor deadwood from within the canopy should also be removed. An aerial assessment should be carried out by a qualified arborist identifying any necessary works required. Given that the tree is severely stressed a programme of supplementary watering, mulching and fertilising should be developed to ensure that the long-term health of the tree is maintained.

Management Prescriptions: As stated above. Given the poor condition of the tree at the time of inspection, an assessment should be carried out in 1-2 months to examine the effectiveness of the possum guards. Supplementary watering should commence immediately as should mulching and feeding. The tree should then be assessed by a qualified arborist on a 6 monthly basis until a marked improvement is evident. Possum guards should also be monitored and adjusted as required.

Existing Overlay Controls: Heritage Overlay (HO24)

Statement of Significance: The National Trust (Victoria) Registered River Red gum located on the corner of Bridge & Manningham Roads, Bulleen is a fine example of remnant indigenous vegetation. Believed to be over 300 years old, it is of regional significance for its age and size and overall aesthetic value to the surrounding landscape.

Overall Tree Rating: 3

Recorded by: Susan Tallon

Date: 02-10-02

ID Confirmed: Susan Tallon