

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 53

Botanical Name: *Quercus palustris*

Common Name: Pin Oak

Location: Craileen St and Hamal St, Donvale

Private land		Public land	X
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Melway Ref: 48 E3

Setting/Position: Street trees interspersed with *Lophostemon confertus*, lining Hamal Street, and continuing around the corner into Craileen Street

No. of trees: 5 in Craileen St, 15 in Hamal St

Height: 19m (Typical)

Canopy Spread (m) E-W: 17.5m (Typical)

N-S: 16.9m (Typical)

DBH: 610mm (Typical)

Approx. Age of Tree: 50-60 years

TPZ: 6.5m **CRZ:** 3.0m

Category of Significance:

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

Level of Significance: Local

History: Possibly original street tree plantings, following common Manningham planting theme of exotic trees interspersed with native.

Health:

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

Other/Notes: Deadwood present and some trunk epicormics. Some trees have reduced canopies and are showing signs of stress.

Health Rating: 3

Threats/Risks to Tree: Number of new houses being developed in area may lead to damage from building works. Trees are susceptible to compaction, trunk damage from lawn mowers, and root severance involved with service maintenance.

Hazards/Risks:

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



Craileen Street



Hamal Street

Other/Notes:	Poor form and structure on those trees under powerlines.
Structure Rating:	2-4
Works Required & Priority:	Deadwooding and possible crown thinning required within the next six to twelve months. Monitor v-croched leaders, as cabling may be required at a future date.
Management Prescriptions:	Replace <i>Lophostemon confertus</i> with <i>Quercus palustris</i> as trees senesce, or removal is required. <i>Lophostemon confertus</i> generally have poor form and structure. Replace gaps in street tree plantings, e.g. outside 8 Craileen Street. Remove <i>Allocasuarina</i> sp. outside 7 Craileen Street and replace with more appropriate <i>Quercus palustris</i> .
Existing Overlay Controls:	No Overlays
Statement of Significance:	The <i>Quercus palustris</i> street trees on Hamal and Craileen Streets, Doncaster are of local significance for their high aesthetic value and the contribution they make to the aesthetics and character of the streetscape.
Overall Tree Rating:	4
Recorded by:	Andrea Proctor
Date:	19-01-05
ID Confirmed:	Andrea Proctor
Location Map and Key:	