

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 85

Botanical Name: *Quercus canariensis*

Common Name: Algerian Oak

Location: Wonga Park Primary School,
41 Dudley Road,
Wonga Park

Private land	X	Public land	
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Melway Ref: 24 H9

Setting/Position: Four Algerian Oaks within the grounds of Wonga Park Primary School. Two are located along the front boundary with the third in the centre of a courtyard and the final tree beside the toilet block.

No. of trees: 4

Height: 12-14m (average)

Canopy Spread (m) E-W: 20m (courtyard), 8m (front boundary - both) & 14m (toilet block)

N-S: 20m (courtyard), 10-12m (front boundary – both) & 13m (toilet block)

DBH: 1009mm (courtyard), 989mm (front - north) 844mm (front – south) & 810mm (toilet block)

Approx. Age of Tree: 110 years

TPZ: 12.1m (courtyard) 11.9m (front-north) 10.1m (front-south) 9.7m (toilet block)

CRZ: 3.3m (courtyard) 3.3m (front-north) 3.0m (front-south) 3.0m (toilet block)

Category of Significance:

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

Level of Significance: Regional

History: Thought to have been planted soon after the first buildings erected on the school site in the 1890s. The school is heritage listed.

Health:

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

Other/Notes: Minor deadwood and rot within pruning points. The oak in the courtyard has had soil removed from base – where the original garden bed had been built up around trunk. The tree near the toilet block has some stress and dieback from incorrect pruning.

Health Rating: 2/3



Threats/Risks to Tree: Both trees along the front boundary have been quite significantly pruned to accommodate power lines on the east side of the canopies. Bricks and building rubble have been stockpiled under the canopy of the southern boundary tree.

Hazards/Risks:

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

Other/Notes: The northern of the two trees on the front boundary has multiple leaders from 2m, some at irregular angles.
The tree near the toilet block has some limbs extended over this and is lifting the paving. Tree has been lopped to clear the road and building, and tree is exhibiting signs of stress due to a small soil surface area. Some root girdling and collar formation on lopped branches is also present.

Structure Rating: 2-3

Works Required & Priority: Remove minor deadwood from within the canopies of the trees in the street and courtyard as soon as practically possible. The tree near the toilet block has a large lopped branch that requires removal due to its collar formation, it would also benefit from the removal of some of the concrete from around its base if practicable. Other lopped leaders and rot and dieback should also be cleaned as soon as practically possible.

Management Prescriptions: Correct pruning of the trees is essential in order to preserve the health of the trees and their structural integrity (and therefore safety). This is best carried out by a qualified arborist who should assess the trees every 2-3 years identifying and carrying out works as required. This should also include an aerial assessment.

Existing Overlay Controls: Heritage Overlay (HO52), Vegetation Protection Overlay (VPO1), Urban Growth Boundary Area (UGBA)

Statement of Significance: The four Algerian Oaks within the grounds of Wonga Park Primary School, Dudley Road, Wonga Park are considered to be of regional significance for their aesthetic value and relationship to the heritage listed Wonga Park Primary School (opened 1895).

Overall Tree Rating: 3

Recorded by: Susan Tallon

Date: 14-03-03

ID Confirmed: Susan Tallon