

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	863 Main Street	
<b>Tree name</b>	Oak ( <i>Quercus robur</i> )	
<b>Location of the tree on the site</b>	Rear garden	
<b>Owner's name</b>		
<b>Date of Inspection</b>	30 March 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 18	Girth @ 1.4m: 3.6	Spread m: 24
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very Good	Specimen	21
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	Important	Significant	Major	9
<b>Age (years)</b>	10+	20+	40+	80+	100+	21
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
<b>Subtotal</b>						90

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	9
<b>Visibility</b>	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	21
<b>Proximity</b>	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
<b>Role</b>	Minor	Moderate	Important	Significant	Major	21
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	9
<b>Subtotal</b>						75

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	Local	District	Regional	National	International	
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						0

### Total Points

**165**

## Inspection Report

<b>Requested for/by</b>	Routine	Storm Damage	Owner	Developer	DP Review
<b>Pruning History</b>	Crown lift fairly recently				
<b>Built Environment</b>	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
<b>Garden environment</b>	Solo tree	Few trees	Many trees	Mainly exotic/native	
<b>Local Environment</b>	Few trees	Some trees	Well treed neighbourhood		
<b>Age Class</b>	young	Semi mature	Mature	Post mature	
<b>Special value</b>	Horticultural	Landscape	Specimen	Historical	Botanical
<b>Structural Character</b>	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
<b>Form</b>	Refer to STEM score sheet				
<b>Crown Shape</b>	Typical	Atypical	Wide spreading crown	Influenced by wind	Affected by other trees
<b>Foliage Health</b>	Good	Poor, if so, explain	The tree has a full complement of foliage but is a little paler than the nearby tree		
<b>Limb Structure</b>	Typical or sound	Atypical, if so, explain			
<b>Trunk character</b>	Straight, cylindrical, well buttressed, decorated nicely. No slime flux or splits in the bark				
<b>Root Zone</b>	Garden	Natural	Lawn/paddock	U/g services apparent?	New earthworks just within the drip line. Topsoil stored within the drip line one small section only.
<b>Comments</b>	Alert! There is a hard, dark fungus bracket at the base of the tree. This bracket was present at my last inspection, and has not grown much larger in five years. Nonetheless, it is a symptom of basal infection and possibly decay of the wood nearby. Invasive core sampling could identify whether wood decay is far advance but this is not a conclusive or very accurate technique. I am not sure how long the tree will continue to thrive as it is at present. Eventually its 'Vigour and Vitality' will have to be down-grade.				

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>	routine	Deadwood removal	Now, then 5 yearly		
<b>Health</b>		Monitor health of the foliage and size of the fungal bracket annually			
<b>Safety</b>		Safety is largely dependent on health in this case.			
<b>Overhanging b'dry</b>					

<b>Standard procedures</b>	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'nded for notable trees) - other
<b>Special Measures and recommendations</b>	Mulch base – irrigate – improve drainage – underplant – cable brace - other
<b>Timeline</b>	Now - 5 years - 5 yearly - As required

Changes noticed in last five years

Die-back/health – developments nearby – excavations nearby

### Photographs.



Figure 1. good leaf cover in the crown.



Figure 2. Earthworks under the dripline





Figure 3



Figure 4. Crown fully leafed





Figure 5. Reversion to Ent-like State



Figure 6. The fungus bracket. (*Ganoderma* sp?)