

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Kelvin Grove Cemetery	
Tree name	Pin oak (<i>Quercus palustris</i>)	
Location of the tree on the site	Hundred metres from the crem, close to northern boundary	
Owner's name	PNCC	
Date of STEM Assessment	11 May 2011	Inspected by John Wakeling

Dimensions

Height m: 26	Girth @ 1.4m: 2.8	Spread m: 16
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	27
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						102

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	27
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	3
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal						81

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
Historic						
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	
Scientific						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal						0

Total Points

183

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Major repair to the upper crown following storm damage 10 years ago.					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe) open cemetery		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees	Well treed neighbourhood			
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Well shaped, cylindrical					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	<p>The tree is much larger than it appears at first sight – presumably because of the scale of the site.</p> <p>The stand of eucalyptus trees to the NE of the tree have been felled recently – there is a chance that this new exposure might leave the tree prone to more storm damage.</p> <p>Many of the trees in the cemetery are looking rather poorly. Reasons? Suspect that the exposed nature of the site might be a factor, also poor drainage in some places, and suspected herbicide residual damage</p>					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Deadwood and crown lift as required.	Five yearly		
Health					
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded for notable trees) - other

Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

Timeline

Now - 5 years - 5 yearly - As required

Photographs.



Figure 1. Pin oak at Kelvin Grove



Figure 2.