

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	46 South Street	
Tree name	Kowhai (<i>Sophora microphylla</i>)	
Location of the tree on the site	Front lawn	
Owner's name		
Date of STEM Assessment	29 March 2011	Inspected by John Wakeling

Dimensions

Height m: 8	Girth @ 1.4m: 2 stems of 1.0 and 1.5	Spread m: 7
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	9
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	9
Subtotal						72

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	9
Effect on Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal						57

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

127

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Frequent reduction of the crown, to keep pace with the decline of the major branches					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
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	The tree is dying, slowly			
Limb Structure	Typical or sound	Atypical, if so, explain	The structure of the main branch union at the base is not very strong.			
Trunk character	poor					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	Mrs. Kingsbeer has looked after this tree well, but it continues to decline in health, and to die back from the outer edges. She is resigned to it having to be removed sometime soon, but might do one more round of pruning before it is felled.					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Remove the dead wood, back to sound side shoots.	This year		
Health		As above			
Safety		As above			
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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

Changes noticed in last five years	Die-back is continuing
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Photographs.



Figure 1. Dying outer branch



Figure 2. The extent of death in the crown.