

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	863 Main Street				
Tree name	Oak (<i>Quercus robur</i>)				
Location of the tree on the site	Rear garden				
Owner's name					
Date of Inspection	30 March 2011	Inspected by 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
Form	Poor	Moderate	Good	Very Good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						90

Amenity Evaluation

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

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

165

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Crown lift fairly recently				
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 crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain	The tree has a full complement of foliage but is a little paler than the nearby tree		
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Straight, cylindrical, well buttressed, decorated nicely. No slime flux or splits in the bark				
Root Zone	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.
Comments	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
Amenity	routine	Deadwood removal	Now, then 5 yearly		
Health		Monitor health of the foliage and size of the fungal bracket annually			
Safety		Safety is largely dependent on health in this case.			
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/health – developments nearby – excavations nearby
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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?)

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	21 Margaret Street	
Tree name	Two giant redwood or mammoth trees (<i>Sequoiadendron giganteum</i>)	
Location of the tree on the site	Rear garden, down a bank	
Owner's name		
Date of STEM Assessment	10 May 2011	Inspected by John Wakeling

Dimensions

Height m: 28	Girth @ 1.4m: 4.3	Spread m: 12
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						108

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	9
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	27
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						87

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
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						3

Total Points

198

Inspection Report

Requested for/by	Routine Storm Damage Owner Developer DP Review					
Pruning History	Recent deadwooding					
Built Environment	Small tight dev'pment Standard suburban Large house and grounds Other (describe)					
Garden environment	Solo tree Few trees Many trees exotic / latterly 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 (one of the two trees has a 1degree lean – this was a result of suppression by another tree (felled a few years back)					
Foliage Health	Good Poor, if so, explain					
Limb Structure	Typical or sound Atypical, if so, explain					
Trunk character	Sound, with good taper. Ground around the base of the trees shows no signs of heaving nor depressions. The new garden was built to keep the new topsoil away from the base of the trees.					
Root Zone	Garden Native species Lawn/paddock U/g services apparent? Hard surface, if so, explain					
Comments	<p>I met Mr. and Mrs Staddon on site and had a discussion with them about the health and stability of the trees. I explained that I considered the lean on the one tree is not a slowly increasing phenomenon, but is the result of the competition from the third tree (that was felled) The Staddons explained their concerns, especially about the noise of the wind in the crowns during stormy weather.</p> <p>Both trees appear to be in good health, with no indications of soil weakness, or fungal disease.</p>					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		No action for a few years, but need only limited to removal of deadwood and storm damaged limbs.	Five yearly		
Health		The new garden is providing a good root growth medium			
Safety		As for the amenity section.			
Overhanging b'dry					



Figure 1 the two trees



Figure 2, the new garden



Figure 3 From the Napier Highway



Figure 4, Ground conditions are good



Figure 5



Figure 6, the different sizes of the trunks

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	30 Moerangi Street	
Tree name	Coastal redwood (<i>Sequoia sempervirens</i>)	
Location of the tree on the site	Front yard, near gateway	
Owner's name		
Date of Inspection	31 March 2011	Inspected by John Wakeling

Dimensions

Height m: 20	Girth @ 1.4m: 4.00	Spread m: 10
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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	21
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						96

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	15
Role	Minor	Moderate	Important	Significant	Major	15
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						63

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

160

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Occasional crown lifting				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	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 scoresheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind - top battered	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Very well shaped with elegant curve from buttresses towards the trunk				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, driveway over the roots.
Comments	The driveway and tree have been living in some sort of harmony for about 80 years, so unless there is some major redevelopment, I think the tree has adapted well to the situation.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Lift and reduce the lower 'skirt' at aobut 3metres	Within the next 3 years		
Health	-				
Safety	-				
Overhanging b'dry	-				

Standard procedures	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'nded 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	no changes
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Photographs.



Figure 1



Figure 2. Base of tree, showing the limited grow space available for the root system.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	94 Mulgrave Street				
Tree name	Rata (<i>Metrosideros robusta</i>)				
Location of the tree on the site	Front of the house				
Owner's name					
Date of Inspection	1 April 2011	Inspected by John Wakeling			

Dimensions

Height m: 18		Girth @ 1.4m: 4.06	Spread m: 11
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
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+	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Subtotal						96

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	15
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	15
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						75

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

171

NCHIF_Notable_Tree_Natural_Heritage_Notable_Tree_Review_2011_94_Mulgrave_Street_(1050110)

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	No major pruning has been undertaken apart from crown lifting many years ago				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other: lifestyle block	
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 scoresheet				
Crown Shape	Typical	Atypical	Wide spreading high crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical and sound	Atypical, if so, explain			
Trunk character	Multi Stemmed from base, will need some reduction				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	The tree is sheltered by nearby titoki, totara and ash – mutualistic growth.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	reduce crown width over roof	Within next 5 years		
Health	-				
Safety	routine	Keep the crown away from roof	As above		
Overhanging b'dry	-				

Standard tree care operations	Deadwood – crown lift — thin crown – height reduction (not rec'nded 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/health – developments nearby – excavations nearby/ Growing well
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**NCHIF_Notable_Tree_Natural_Heritage_Notable_Tree_Review_2011_94_
Mulgrave_Street_(1050110)
Photographs**

No Photographs