

GORE DISTRICT COUNCIL

Standard Tree Evaluation Method (STEM) Assessment Sheet

Address	Gore Gardens, Gore		ID Ref	TREE-5
Tree name	Ulmus glabra ‘Horizontalis’ (Horizontal elm)			
Location of tree on the site	Located near the centre of the gardens			
Legal address	Section C Town Belt Town of Gore			
DP Mapping	Requires minor adjustment			
Date of STEM assessment	22 June 2020	Assessed by	Brad Cadwallader	

Tree Dimensions

Height (m) (Nikon Forestry 550)	Canopy height f.g.l (m)	Canopy Spread (m) A	Canopy Spread (m) B	Girth (cm)
9.4 m	2 m	21.8 m	20.8	311 cm @ .8 m

Condition (Health) Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	27
Condition Subtotal						105

Amenity (Community Benefit) Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26m	27+	21
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	21
Climate	Minor	Moderate	Important	Significant	Major	9
Amenity Subtotal						63

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	9
Form	Local	District	Regional	National	International	
Historic						
Age 100+	Local	District	Regional	National	International	9
Association	Local	District	Regional	National	International	15
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	
Notable Subtotal						33

Total Evaluation Points 201

Refer to the STEM guidance and advice notes. Further information, or explanatory notes are provided below where necessary.

Further Notes/ Recommendations:

- Corrected botanical name
- The tree is approximately 104 years old
- Recommend allowing some internal growth to develop – i.e. reduce ongoing thinning
- Some crown die-back present and may be associated with broad-leaf herbicide use

Notability Evaluation notes:

- The tree is known as the Bowler elm. It was planted circa 1916 and was donated to the public of Gore by Mary Ethel Bowler nee Hepburn (1868 - 1947). In 1893 she was recorded on the first Electoral Roll for Women for Mataura, Southland, N.Z. (NZ History Online)
- The tree is a fine local example in a high profile location. It is the second largest tree in Gore and ranks about 3rd for size in NZ (ref. The NZ Tree register: www.notabletrees.org.nz)

TREE LOCATION – T6 horizontal elm – the Bowler elm



TREE IMAGES

