CADWALLADER
TREE CONSULTANCY

# GORE DISTRICT COUNCIL
## Standard Tree Evaluation Method (STEM) Assessment Sheet

| | | | |
|---|---|---|---|
| Address | **Tulloch Park, Mataura** | **ID Ref** | **TREE-31** |
| Tree name | ***Ulmus glabra* 'Horizontalis'** | | |
| Location of tree on the site | **At the left of the main entrance to the car park** | | |
| Legal address | **Part Section 14 Block XII TN OF Mataura** | | |
| DP Mapping | **Map marker is incorrectly placed to the north** | | |
| 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) |
|---|---|---|---|---|
| 9.8 m | 2 m | 15.5 m | 14 m | 230 cm |

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** | **27** |
| Function | **Minor** | Useful | Important | Significant | Major | **3** |
| Age (years) | 10+ | **20+** | 40+ | 80+ | 100+ | **9** |
| | | | | | Condition Subtotal | **81** |

Amenity (Community Benefit) Evaluation

| Points | 3 | 9 | 15 | 21 | 27 | Score |
|---|---|---|---|---|---|---|
| Stature (m) | 3-8m | 9 - 14m | **15 - 20m** | 21 - 26m | 27+ | **15** |
| Visibility (km) | **0.5** | 1.0 | 2.0 | 4.0 | 8.0 | **3** |
| Proximity | Forest | Parkland | Group of 10+ | **Group of 3+** | Solitary | **21** |
| Role | Minor | **Moderate** | Important | Significant | Major | **9** |
| Climate | **Minor** | Moderate | Important | Significant | Major | **3** |
| | | | | | Amenity Subtotal | **51** |

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 | **3** |
| 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 | **3** |
| | | | | | **Total Evaluation Points** | **135** |

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

**Further Notes/ Recommendations:**

- Minor amendment to botanical name format
- DP map marker is incorrectly placed

**Notability Evaluation notes:**

- Planted 1984, presented to Mataura Borough by Mr F MacKay on the occasion of his 100th birthday.

**TREE LOCATION – showing correct location of T37 to the south of DP marker**

**TREE IMAGES**