BEFORE THE HEARING COMMISSIONERS

IN THE MATTER OF The Resource Management Act 1991

AND Plan Change 10 of the Wairarapa Combined District Plan: Update of Table 3, Appendix 1.4 – Schedule of Notable Trees

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STATEMENT OF EVIDENCE OF

Jeremy (Jez) Partridge

on behalf of

Greytown Tree Advisory Group

Dated: 13 November 2019

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1 INTRODUCTION

1.1 Code of Ethics

1. I have read the Code of Conduct for Expert Witnesses (Section 7 of the Environment Court Consolidated Practice Note 2014) and I agree to comply with this Code of Conduct. This evidence is within my area of expertise, except where I state I am relying on what I have been told by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions I express.

1.2 Qualifications and Experience

2. My full name is Jeremy Thomas Elliston Partridge. I currently run my own business Treecology Tree Consultancy based in Greytown where I am the Senior Consulting Arborist. Treecology provides planning advice, tree management advice, safety and risk assessments, STEM assessments, Plan Changes and all types of expert arboricultural advice to a wide range of clients including councils, businesses, colleges, and schools.

3. Treecology also undertakes research and investigations into important arboricultural issues. Between 2015 and 2017 I undertook a national study of STEM methodologies, thresholds and procedures used by every Territorial Authority in New Zealand. This was presented at the NZ Arboricultural Association Conference in 2018. I consequently have a detailed understanding of the strengths and weaknesses of the STEM tree evaluation methodology and the use of STEM thresholds across NZ. I consequently hold data obtained between 2015 and 2017 on: the STEM threshold used by every Territorial Authority in NZ; the number of TAs which require landowner consent to protect a tree; the number of TAs which use the original STEM method, an adapted STEM method, or another method; and the numbers of individually protected trees correlated against the latter criteria. I use this data within my Consultancy to assist with technical advice on tree evaluation matters.

4. I have around 20 years of experience working in the arboricultural sector as a Climbing Arborist, Council Tree Officer, and Consultant Arborist. I worked as a Climbing Arborist in the UK, and then for Anglesey County Council, Poole Borough Council, and North Dorset District Council as a Tree and Landscape Officer, ultimately at a Senior level. My duties at these Councils included management of protected trees, making Tree Preservation Orders, and assessing applications to undertake work to protected trees or in proximity to them.

5. At Poole Council I was responsible for assessing the amenity value of trees using the UK Helliwell Tree Evaluation Methodology. I thus assessed hundreds of trees for amenity value

and developed an in depth and expert knowledge of tree amenity value methods as a result of dealing with tree related planning objections and appeals.

6. I moved to New Zealand in 2007 and worked at Hutt City Council for around four years in their Resource Consents Department as a Monitoring and Enforcement Officer. In this role I also advised the Resource Consents Team on protected trees, and assessed applications to undertake work to, or in proximity to protected trees. In 2011 I became the Environmental Sustainability Manager for Hutt City Council. My business Treecology Tree Consultancy has been in operating since 2009 on a part time basis. In 2015 I left my role at Hutt City Council to work fulltime as a Consulting Arborist for my own business Treecology.

7. I hold the Craftsman's Certificate in Tree Surgery from Merrist Wood Agricultural College in the UK, and Higher National Diploma (degree) in Environmental Protection from Farnborough College of Technology in the UK, and a Master of Science degree in Rural Resource Management from Bangor University in Wales. I also hold the International Society of Arboriculture Tree Risk Assessment qualification taken in Auckland in 2017. I have also attended a large number of workshops, training events and seminars on professional arboricultural matters.

8. I am a full member of NZ Arboricultural Association and sit on two of its sub-committees. I have been co-convenor of Greytown Tree Advisory Group since 2015. GTAG advises the Greytown Community Board on a range of tree issues and also Notable Trees.

9. I am married to Ms Lucy Cooper, who is also providing evidence as part of this Plan Change Hearing.

2 SCOPE OF EVIDENCE

10. I have been asked by GTAG to prepare evidence in relation to the submissions and further submissions made by GTAG on PC10, a Council-led plan change of the Wairarapa Combined District Plan entitled "Update of Table 3, Appendix 1.4 – Schedule of notable trees" (PC10). Specifically, my evidence is restricted to a consideration of the following matters raised in GTAG's submission:

    - Analysis of the effects of the STEM multi-thresholds preferred by Council on Notable Tree protection;
    - Analysis of the effects of the STEM multi-thresholds preferred by Council in comparison to the status quo
    - Analysis of the effects of the proposed 230 STEM score threshold related to landowner consent on Notable Trees; and

11. In preparing this evidence, I have read the following documents:

- Proposed changes to Volumes 1 and 2 of the Wairarapa Combined District Plan (WCDP);
- Summary of Notable Trees Evaluations, by Paper Street Tree Company dated 3 July 2018;
- STEM Explanatory Notes, by Paper Street Tree Company dated 3 July 2018;
- Section 32 evaluation of PC10 prepared by Kaha Consulting;
- GTAG's original submission and further submissions;
- Statement of Evidence of Ms Lucy Cooper; and
- Master excel spreadsheet of trees assessed by Paper Street Tree Company and analysed in additional excel sheets by Mr Partridge; and
- A list of Notable Trees with STEM scores printed from Council's Access Database of Notable Trees printed out in 2007.
- Information obtained from Council's Access Database pertaining to trees assessed as part of the 2005 Notable Tree Review
- Memo from Carol White dated 27th April 2004 regarding trees recommended for inclusion in the District Plan and categorisation of those trees

3 EXECUTIVE SUMMARY

12. Plan Change 10 (PC10) seeks to ensure that the list of notable trees in Appendix 1.4 of the Wairarapa Combined District Plan (WCDP) is "up to date and relevant" (Kaha Consulting, 2018). The method by which South Wairarapa District Council (SWDC) has chosen to assess whether trees are worthy of inclusion in Appendix 1.4 has also involved Council proposing the introduction of four new Standard Tree Evaluation Methodology (STEM) thresholds and a landowner consent STEM point threshold.

13. In my opinion Council's preferred multi-STEM threshold framework in PC10 is a departure from the threshold used to determine the operative Appendix 1.4 and adversely affects the number of trees able to be recruited for protection through inclusion in Appendix 1.4.

14. There has been no detailed assessment of effects of these new thresholds and how effectively they operate to ensure the protection of Notable Trees. There is no detailed assessment as to why these particular thresholds were selected and not others. There is no assessment of the effects of changing the current STEM threshold to the proposed STEM thresholds.

15. There is no detailed assessment of why the 230 point STEM threshold was selected which allows Council to override a landowner's ability to prevent a Notable Tree being listed on their property, why an alternate threshold was not suitable or the effects of an alternate threshold.

16. I have shown in my evidence that an effective STEM threshold was used as part of the previous review of Notable Trees is 2005/2006, that the proposed multi-threshold approach is

ineffective, has unintended consequences, and would result in the loss of Notable Trees and proposed Notable Trees from Appendix 1.4.

17. The proposed multi-threshold approach is confusing and difficult to understand. A more efficient and less confusing approach would be to have a single STEM threshold. Trees could still subsequently be assigned into categories if desired for symbolic and data management purposes. The analysis in this evidence has shown that the STEM thresholds linked to the new categories have few benefits.

4 CURRENT DISTRICT PLAN STEM THRESHOLD

4.1 Overview of STEM

18. The Standard Tree Evaluation Method (Flook, R., 1996); is a tree evaluation methodology used to determine the intrinsic quality of trees. It can also set the monetary value of a tree. It is designed to for those who have to make decisions about the importance of trees within urban and rural environments. It is currently being used by over 30 Territorial Authorities in New Zealand to assess whether trees should be included within their respective district plans.

19. STEM generates a total STEM score, the higher the score the more important the tree. TAs use STEM to score a tree and then, usually in a separate process decide upon a threshold score which if reached would justify the protection of trees within a District Plan. How the threshold is set varies considerably between TAs. Some TAs take advice on the threshold from a Consultant Arborist or Landscape Architect, some Councils decide the threshold themselves, and others use a mixture of these approaches. The use of a score threshold to determine whether a tree should be protected is common to a number of tree evaluation methodologies used around the world.

20. The thresholds number varies considerably between TAs from as low 87 (Hauraki Distrct Council) to as high as 170 (Thames-Coromandel District Council). The TAs which have the lower STEM thresholds generally protect more trees. District Plan Policies, Objectives and Rules used by TAs use to protect such trees vary, and the terms Notable, Heritage and Significant are frequently used to describe such trees. The original STEM method generates a single total score and each criterion is assessed once within the STEM assessment score sheet (e.g. age and visibility).

21. There is some recognized subjectivity within the scoring of particular criteria (e.g. function and role) which can lead to different assessors generating quite different total scores. Some of this

inherent subjectivity can be reduced through assessor experience and adherence to advice contained in the methodology.

4.2 Current STEM threshold

22. South Wairarapa District Council (SWDC) last updated its list of Notable Trees in Combined Wairarapa District Plan (DP) in 2006. The STEM assessments were undertaken by Caroline White B.Hort Sci., N.C.H., in 2005. Records show that she used the original STEM assessment score sheet and scoring methodology. In Appendix 1 is an example copy of a STEM assessment undertaken by Ms White in 2005.

23. STEM assessments were undertaken by Ms White to determine their suitability for inclusion within the updated South Wairarapa Notable Tree Register in the DP. STEM assessments for trees recommended to be listed as Notable (excluding trees considered unsuitable) were then given to South Wairarapa District Council (Council). On November 6th 2019 I had a telephone conversation with Emily Greenberg who was a Planning Officer at Council who assisted with the update of the Notable Tree Register in 2005 and 2006. According to her recollection, Council included trees recommended to be protected by Ms White on the Notable Register, except for trees where a landowner's objection to their inclusion could not be resolved.

24. A paper copy of CNTL has been held by Greytown Tree Advisory Group (GTAG) since 2007. Within CNTL a STEM score for each tree is stated. The lowest STEM score for a tree on the current list of Notable Trees is 90. In my opinion, this shows that trees scoring 90 points or more were able to be included on the DP Notable Tree Register. The list is sorted with the highest STEM score at the top and the lowest STEM score at the bottom. Appendix 3 shows the last two pages of CNTL showing the lowest scored trees. I will bring the other pages to the Hearing and make this available to the Commissioner if required.

25. I have cross referenced the 29 tree listings from CNTL (shown in Appendix 3) which have the lowest STEM scores (90 to 108) and also 30 trees selected at random scoring between 114 and 240 points against the list of Notable Trees in the current DP. My findings were that all trees scoring 99 points and above are listed as Notable in the current District Plan, based on my sample. Of the trees scoring below 99 points, three of the five trees scoring 96 points are included, and two of the five trees scoring 90 points are included.

26. As a result of the above investigations I conclude that some trees scoring below 99 points, and all trees which scored 99 points or more were then put on the Notable Tree Register in the DP. From my analysis of the CNTL it is therefore my opinion that because all trees which attained a STEM score of 99 points are currently listed within the Notable Tree Register, the effective

STEM score threshold used by Council was 99 points. I accept that there was no documented written STEM threshold, but by examining STEM scores I am of the opinion that all trees scoring 99 points or more were included on the Notable Tree Register. For ease of explanation and analysis the 99 point STEM threshold has been rounded to 100 in this Statement of Evidence.

27. On 6 August 2017, Ms Katie Abbott and I (in our capacity as co-convenors of GTAG) and Community Board Member Mr Mike Gray met with Mr Hans Van Krenten to discuss the upcoming Plan Change process. This was early in the Plan Change process. I understand Mr van Krenten was engaged by Council to prepare the s32 evaluation report to accompany Plan Change 10. At that meeting GTAG gave Mr van Krenten a copy of CNTL and copies of some individual STEM assessments undertaken by Ms White. GTAG also had a wide-ranging discussion with Mr van Krenten about the review and let him know that TAG considered that the STEM threshold used for the previous Plan Change was 100 points, as shown by the CNTL record. GTAG also raised the issue of any potential change to the current STEM threshold and asked to be consulted if any change was considered.

28. GTAG also formally informed Council about its position that a 100 point STEM threshold had been used in its Plan Change submission. Lou Brown (SWDC Resource Consent Planner) has stated in his Section 42a Report that to the best of his knowledge at the time of writing there exists no current threshold of notability documented by the district plan itself, or via proxy from a previous SQEP Arborist recommendation provided to Council.

29. On the 8th and 11th November 2019 Mr Brown sent me a copy of printouts and spreadsheets from Council's Access Database of Notable Trees which were assessed in 2005 and added to the Notable Tree Register in 2006. The list of STEM assessed trees is the same as the CNTL list which is a print out from that Access database.

30. What is confirmed by examining the Access database which was not previously known is that the trees on that database were categorised in terms of their importance. Trees which scored less than 100 were described as *Trees of Local Interest*, trees scoring between 100 and 125 were described as *Landscape*, and trees scoring above 125 were described as *Heritage*. The categories would appear to have been intended for descriptive purposes in order to ascribe an indication of importance based on the STEM score attained. This view is supported by a Memo written by Carol White on 27th May 2004 which says – 'Trees are presented in three categories in the District Plan with the following titles: Heritage Trees scoring 126 points or more using STEM, Landscape Trees scoring 100 to 125 points using STEM, and Trees of Local Interest scoring less than 100 points using STEM'.

31. It is my opinion that the category score ranges could not have been intended to be used as STEM thresholds to determine whether trees in each category should be included on the Notable Tree Register. This is because if this was the case it would be easier to put trees onto the Notable Tree Register with lower STEM scores in the Local Interest category, than trees with higher STEM scores in the Heritage Category. This would make no sense as this would mean that it would be easier to protect trees with lower STEM scores. For a multi-threshold STEM system to function the category thresholds for the most important trees need to be lower than the category thresholds for trees considered to be less important. The categories used at that time were therefore designed for presentation purposes only.

5 ANALYSIS OF PROPOSED NEW STEM THRESHOLDS

5.1 Background

32. Mr Hill of the Paper Street Tree Company (PSTC) was engaged by Council to 'assist with the professional review of the values of all currently protected trees and additional new trees 'suggested for inclusion in Appendix 1.4 (Section 32 Report).

33. Mr Hill proposes four new categories, each linked to a STEM threshold which is used to determine whether a tree should be listed as Notable. These are a STEM threshold of 110 for trees of 'National Interest', 120 for 'Heritage' trees, 130 for 'Landscape' trees, and 140 for 'General' trees.

34. Appendix 2 of my evidence is an excel spreadsheet which shows the Master List of all trees STEM assessed by Mr Hill. This Master list was given to me by Council at my request for the purpose of analysing STEM score data. In additional sheets within this spreadsheet I have copied trees from the Master list and sorted them by category and STEM scores. Proposed Notable trees are also sorted by STEM score. The sorting of STEM scores by category enables the effects of the new thresholds to be analysed. The resulting data shows how the new STEM category thresholds effect existing Notable and proposed trees.

5.2 Analysis of how STEM threshold changes effect current Notable Trees

5.2.1 Introduction

35. In a nutshell, the way the new four STEM threshold methodology and categories work is that the **default threshold** for inclusion in the DP is 140 unless the tree has been determined by Mr Hill to have special National Interest, Heritage, or Landscape value. If the tree meets the criteria required to enable it to be placed into one of these three categories, then the STEM

threshold is lowered using a sliding scale with the most 'important' categories having the lowest thresholds.

36. In theory one can see why this approach could be attractive as the likely intended purpose was to make it easier for more important trees to be protected. It is probable that the four new categories and thresholds are intended as an improvement as compared to the status quo where a single STEM threshold is used.

37. As set out below in my analysis, whether the new categories and thresholds actually result in actual improvements or benefits is assessed. As discussed by Ms Cooper in her planning evidence, it would appear that no such detailed analysis and assessment of effects, costs and benefits was undertaken in the Section 32 Report or technical documentation.

5.2.2 Trees of National Interest currently on the Notable Tree List

38. The analysis below is based on findings from the Excel Spreadsheet shown in Appendix 2 of my evidence.

39. For trees in this category, the highest STEM score is 285 and the lowest is 204. The STEM threshold for this category is 110.

40. Potential benefits of this new threshold can be assessed by working out the number of trees which score between 110 and 140 points. This is because trees which score at least 140 would be protected anyway by the default General tree threshold. The need for a lower STEM threshold therefore becomes unnecessary for trees scoring 140 points or more.

41. No trees in this category score between 110 and 140 points. The 110 point threshold therefore has no benefits in enabling tree protection. As an exercise in categorising trees it potentially has some symbolic benefit as it raises awareness of trees of National Interest and establishes how many such trees exist.

5.2.3 Heritage Trees currently on the Notable Tree List

42. For trees in this category, the highest STEM score is 273 and the lowest is 123. The STEM threshold for this category is 120.

43. Potential benefits of this new threshold can be assessed by working out the number of trees which score between 120 and 140 points. This is because trees which score at least 140 would be protected anyway by the default General tree threshold. The need for a lower STEM threshold therefore becomes unnecessary for trees scoring 140 points or more.

44. Seven trees score between 120 and 140 points. 76 trees are placed in this category and so for 90.79% of these trees (69 of 76 trees) the new threshold has no useful effect. The 120 point

threshold is having a benefit for 9.21% of trees in this category. As an exercise in categorising trees it potentially also has some symbolic benefit as it raises awareness of Heritage trees and establishes how many such trees exist.

5.2.4 Landscape Trees currently on the Notable Tree List

45. For trees in this category, the highest STEM score is 225 and the lowest is 120. The STEM threshold for this category is 130.

46. Potential benefits of this new threshold can be assessed by working out the number of trees which score between 130 and 140 points. This is because trees which score at least 140 would be protected anyway by the default General tree threshold. The need for a lower STEM threshold therefore becomes unnecessary for trees scoring 140 points or more.

47. Two trees score between 130 and 140 points and so for 96.15% of these trees (50 of 52 trees) the new threshold has no useful effect or purpose. The 130 point threshold is having a benefit for only 5.85% of trees in this category. As an exercise it is debatable whether the category provides any benefits as the Landscape category criteria are relatively general and subjective, and most trees could be argued to have some landscape value.

48. Three trees fall below the 130 point landscape threshold, and therefore these trees should be removed from the Notable Tree list based on this new methodology. I have cross referenced these three trees scoring less than 130 points against the new list of Notable Trees and these trees are all still listed as Notable. I am not sure if this is a mistake or whether the scores for these trees were later raised to enable them to meet the 130 point threshold. This situation likely demonstrates an unintended outcome of the four threshold method. It would appear that the 130 point threshold is not working properly if Landscape trees fail to meet the threshold, since the objective of the threshold is to protect Landscape trees.

5.2.5 General Trees currently on the Notable Tree List

49. For trees in this category, the highest STEM score is 175 and the lowest is 94. The STEM threshold for this category is 140.

50. The principle effect of this new threshold is to remove trees from the current DP list of Notable Trees. This is because the current DP STEM threshold would appear to be 100 (as discussed earlier in my evidence) and therefore applying the default 140 point threshold inevitably means that some trees currently protected will not meet the new higher threshold.

51. Eleven Notable Trees are therefore removed from the current Notable Tree register as a result of this new threshold. This is just over 50% of trees assessed in this category. I would therefore

be concerned that if this threshold was used to assess General Trees as part of future reviews that this effect could be repeated.

52. The raising of the STEM threshold by approximately 40% for General Trees has had the effect of removing trees from the Notable tree list. I am unable to find any justification or reasoning in the PSTC Explanatory Notes or Summary of Notable Tree Evaluations, Section 32 Report or Section 42a Report as to why 'general' trees which score between 100 and 140 have not been included within the Notable tree list. Within the Section 32 Report there is no stated intention to remove General trees from the Notable Tree Register which score below 140 points.

5.2.6 New Trees Proposed by the Public and GTAG

53. Seven trees proposed by the public in the General Category did not reach the 140 STEM threshold required to be listed as Notable Trees. These being 1 Judas Tree, 3 Kowhai Trees, 1 Horse Chestnut, 2 Titoki Trees, and 1 Golden Elm. One Heritage Tree also fell below the 120 point threshold required and was therefore not listed as Notable. Of the GTAG proposed trees, six trees in the General Category did not meet the STEM threshold required of 140.

54. 14 proposed trees were therefore not able to be added to the Notable Tree Register as a result of the new thresholds.

5.3 Analysis Summary

55. The new National Interest Category has no effect on enabling trees in this category to be listed as Notable. No analysis or assessment of this effect has been undertaken within the Section 32, Section 42a or PSTC documents made available.

56. The new Historic and Landscape categories have, in my view, a minor effect on enabling trees to be listed as Notable (between 5 to 10% of trees assessed). In addition, three trees categorized as 'landscape' fail to meet the new 130 point STEM threshold and therefore should be removed from the Notable Tree register. No analysis or assessment of these effects have been undertaken within the Section 32, Section 42a or PSTC documents made available.

57. The default General tree category would result in the removal of 11 Notable Trees from the register as these trees fail to meet the 140 point threshold. No analysis or assessment of this effect has been undertaken within the Section 32, Section 42a or PSTC documents made available as to why trees which score below 140 points are not considered suitable for protection.

58. If the effective 100 point threshold had been used in this reassessment for all the STEM assessed trees, only one tree would have been removed from the Notable Tree Register.

59. Of new trees proposed for inclusion on the Notable Tree Register 14 trees failed to meet the default 140 point threshold which would have been protected if the status quo STEM threshold had been applied. This demonstrates that the new higher 140 point threshold has a significant effect in preventing new trees from being added to the register.

60. A chart showing STEM scores for trees currently listed in Appendix 1.4 grouped within the new proposed categories with STEM thresholds marked is shown in Chart 1 on page 12. This shows how STEM assessed trees relate to thresholds, and depicts numbers of trees protected by each threshold, and numbers of trees excluded from protection as a result of not meeting minimum threshold requirements. This is a useful visual depiction of the effects of the new thresholds which has been complex to explain.

6 CONCLUSIONS

61. The status quo STEM threshold appears to be 99/100 points. The proposed four category methodology with four STEM thresholds is complex and difficult to understand. It is likely well intended but has unintended and perverse consequences that are unlikely to have been anticipated by its creator.

62. A much more efficient and less confusing approach would be to have a single STEM threshold. Trees could still subsequently be assigned into categories if desired for symbolic and data management purposes, as occurred when trees were last assessed in 2004/2005. The analysis above has shown that the STEM thresholds linked to the new categories have few benefits and many costs.

63. I also am of the opinion that once the STEM threshold has been raised it will be much harder for Council to lower it in the future. I consider the Council's approach in PC10 to be a significant change to Council's overall approach to tree evaluation and the ability of it to add new trees to the Notable Tree register.

64. I agree with Ms Cooper's expert evidence that the costs and benefits of the proposed range of STEM thresholds should have formed part of the Cost Benefit analysis.

65. Within this statement of evidence, I have undertaken a considerable amount of detailed analysis of the effects of the proposed changes both in terms of the new methodology and scoring system on the recruitment of trees to Appendix 1.4, and in comparison to the status quo. In my opinion Council should have undertaken detailed testing and analysis themselves in order to discover the effects of the proposed changes, and whether these would be beneficial.

A consultation exercise with the public, interested groups and Councillors on the effects of the proposed changes would also have been useful.

66. Under this new methodology there are two processes which take place. Trees are pre-assessed for their Heritage value, Landscape value and National Interest status to determine whether they should be assigned into the Landscape, Heritage or National Interest categories. Following this the trees are STEM assessed against very similar criteria. In contrast, the original STEM methodology assesses trees once against each criterion on the STEM score sheet. Because this new methodology effectively assesses these same criteria twice, it differs from the process used in the original STEM methodology. In my opinion I would therefore describe the proposed methodology as amended from the original.

67. The trees within the default general category need to attain the highest threshold of the four thresholds in order to be listed as Notable. This makes it more difficult for default general trees to be protected as compared to the status quo.

6.1 Ability of landowner to prevent Notable Tree designation

68. My understanding is that as part of the 2005/2006 Notable Tree review when the owner of a tree objected to the inclusion of that tree on the Notable Tree Register, if the objection could not be resolved Council did not include those trees on the Notable Tree Register. I understand that this process was separate to the Plan Change process, and no reference to it was made in the Plan Change documents.

69. PC10 involves a change to this status quo. PC10 proposes a STEM threshold of 230 points which if met will result in Council overriding a landowner's ability to prevent a tree being listed as Notable.

70. Within the Section 32 and PSTC documents explanation is provided as to why these changes have been made. PSTC states *It is considered that a tree would need to score highly, in each of the criteria of STEM to be a tree worthy of Council perusing further consultation with the landowners. Therefore, a STEM score of 230points was set as a benchmark.*

71. The Section 32 Report states *If there is no land owner approval for new trees, Mr Hill's view is that the STEM score level should exceed 230 before statutory district plan protection is imposed. This is because at this very high level the Council can readily justify in a statutory hearing or Environment Court that the public benefit through protection of the tree will outweigh the private interest considerations of the land owner not wanting to list it.*

72. It is not explained how the 230 point threshold was arrived at, why the threshold was not lower, or indeed any range of thresholds. If a different threshold had been used, what the

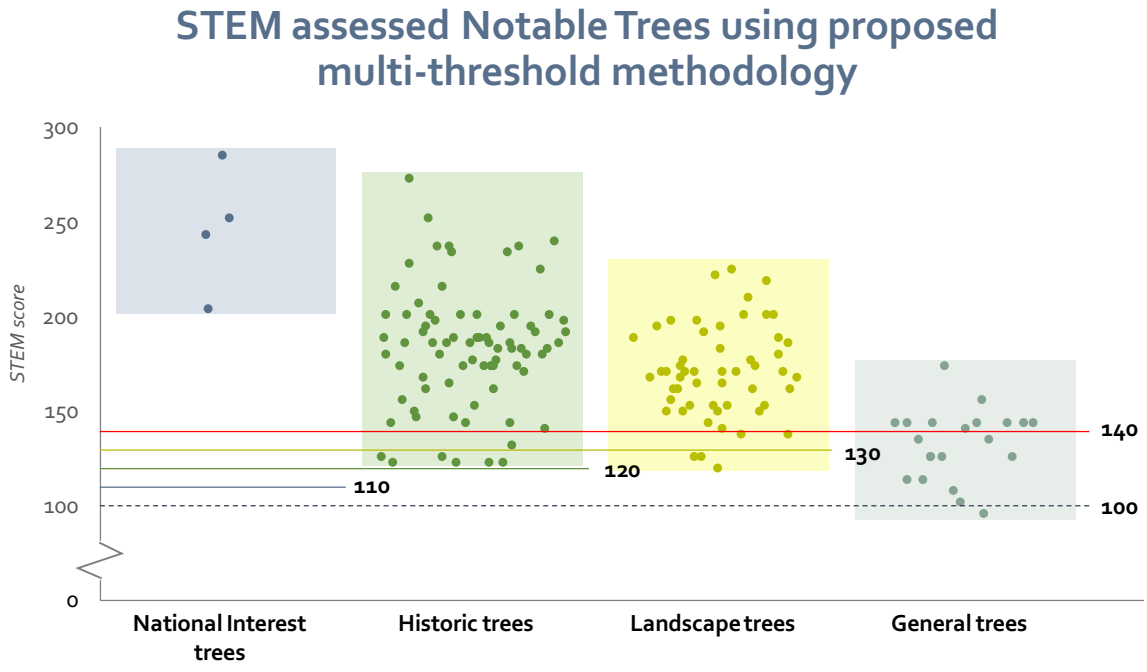
implications of this would be in comparison to the one chosen. In my opinion inadequate explanation is provided in the Section 32 Report as to why this threshold was chosen as opposed to any other.

73. The current threshold for the most important trees is 110 points for trees of National Interest and 120 points for Heritage trees. One tree of National Interest and 68 Heritage Trees do not attain the 230 point threshold required. The threshold would therefore appear to contradict Council's stated intention of seeking to protect its most important trees.

74. Council writes in the Section 32 Report that a tree would need to have a STEM score of 230 to readily justify in a statutory hearing or Environment Court that the public benefit through protection of the tree will outweigh the private interest considerations of the land owner not wanting to list it. Research I have undertaken shows that approximately 60% councils around New Zealand do not require landowner's consent to enable a tree to be protected their DPs. These Councils use the standard STEM threshold they have set for all Notable Trees to justify overriding a landowner's objection where appropriate.

75. In conclusion I am of the opinion that Council has not adequately justified why the threshold it has set of 230 has been chosen and not a lower or higher threshold.

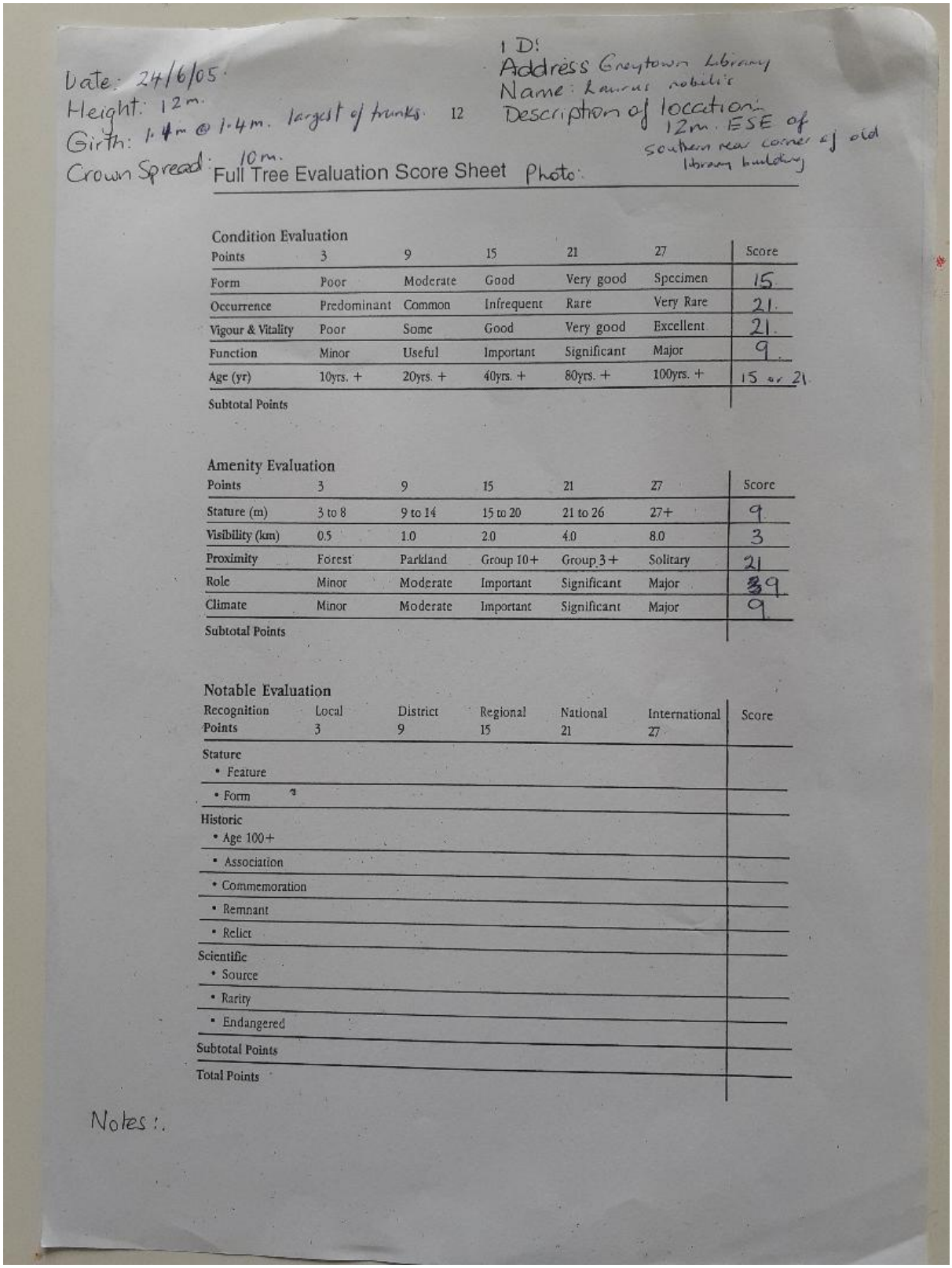
Chart one



* Does not include a Featherston *Corynocarpus laevigatus* as it displays no STEM rating in the Master List.

APPENDICES

Appendix 1 - Example of a STEM assessment undertaken by Ms White (2005)



Date: 24/6/05
Height: 12m.
Girth: 1.4m @ 1.4m. largest of trunks 12
Crown Spread: 10m.

ID:
Address Greytown Library
Name: Laurus nobilis
Description of location: 12m. ESE of southern rear corner of old library building

Full Tree Evaluation Score Sheet Photo:

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	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	15 or 21
Subtotal Points						

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	9
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	39
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						
Total Points						

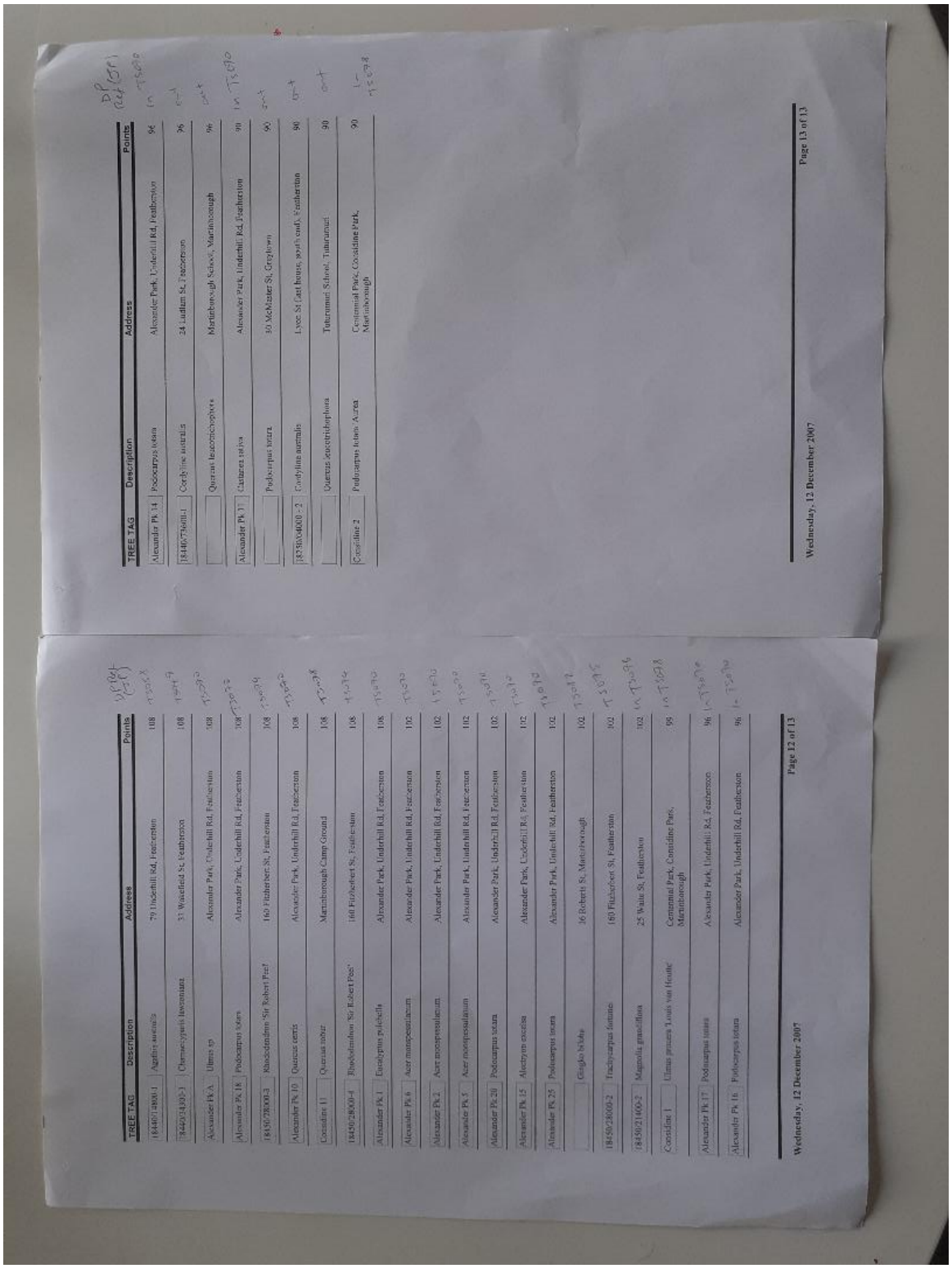
Notes:.

Appendix 2 - Excel Spreadsheet Council Master List of all trees STEM Assessed by Mr Hill, and subsequently sorted and analysed by Jeremy Partridge

See attached File – Excel Spreadsheet Council Master List of all STEM Assessed Trees sorted by Jeremy Partridge for Statement of Evidence

Appendix 3 – CNTL list – Last two pages from a list of trees on the Notable Tree Access database assessed by Carol White with STEM scores, and printed out in 2007

Last two pages are reproduced. Entire list is available on request and will be made available at Hearing



TREE TAG	Description	Address	Points
1844013400-1	Agathis australis	79 Underhill Rd, Featherston	108
1844034300-1	Chamaecyparis lawsoniana	31 Wakefield St, Featherston	108
Alexander Pk 8	Ulmus sp	Alexander Park, Underhill Rd, Featherston	108
Alexander Pk 18	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	108
1845078000-3	Rhododendron 'Sir Robert Peel'	160 Fitzherbert St, Featherston	108
Alexander Pk 10	Quercus cerris	Alexander Park, Underhill Rd, Featherston	108
Considine 11	Quercus robur	Martinborough Camp Ground	108
1845078000-4	Rhododendron 'Sir Robert Peel'	160 Fitzherbert St, Featherston	108
Alexander Pk 1	Eucalyptus pulchella	Alexander Park, Underhill Rd, Featherston	108
Alexander Pk 6	Acer monspessulanum	Alexander Park, Underhill Rd, Featherston	102
Alexander Pk 2	Acer monspessulanum	Alexander Park, Underhill Rd, Featherston	102
Alexander Pk 5	Acer monspessulanum	Alexander Park, Underhill Rd, Featherston	102
Alexander Pk 20	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	102
Alexander Pk 15	Alectryon excelsa	Alexander Park, Underhill Rd, Featherston	102
Alexander Pk 25	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	102
	Ginkgo biloba	36 Roberts St, Martinborough	102
1845028000-2	Trachycarpus fortunei	160 Fitzherbert St, Featherston	102
1845021400-2	Magnolia grandiflora	25 Waite St, Featherston	102
Considine 1	Ulmus procera 'Louis van Houtte'	Centennial Park, Considine Park, Martinborough	98
Alexander Pk 17	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	96
Alexander Pk 16	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	96

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TREE TAG	Description	Address	Points
Alexander Pk 14	Podocarpus totara	Alexander Park, Underhill Rd, Featherston	96
1844079600-1	Cordyline australis	24 Ludlam St, Featherston	96
	Quercus frainetto'petrea	Martinborough School, Martinborough	96
Alexander Pk 11	Castanea sativa	Alexander Park, Underhill Rd, Featherston	90
	Podocarpus totara	30 McMaster St, Greytown	90
1845094000 - 2	Cordyline australis	Lyon St East house, south end, Featherston	90
	Quercus frainetto'petrea	Tuturumuri School, Tuturumuri	90
Considine 2	Podocarpus totara 'Aurea'	Centennial Park, Considine Park, Martinborough	90

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Appendix 2

Council Master List by Category

Notable sig	New Ref ID	Species	No	Address	Area	Map Ref	STEM	Notes	Old Ref ID
G	74	Lawson cypress (*Chamaecyparis lawsoniana)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 65	126		Ts056a(1)
G	75	English oak *(Quercus robur)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 66	144		Ts056a(2)
G	76	English oak *(Quercus robur)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 67	174		Ts056a(3)
G	77	Coastal redwood *(Sequoia sempervirens)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 71	144		Ts056a(4)
G	94	Tasmanian bluegum *(Eucalyptus globulus)*	*70a*	Woodward Street, Featherston (Lot 2 DP 65386)	Featherston	64	135		Ts061
G	119	Sweet chestnut *(Castanea sativa)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102	Featherston	63	126		Ts070(04)
G	122	Montpellier maple (*Acer monspessulanum)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	141	Suppressed by adjacent vegetation	Ts070(07)
G	123	Montpellier maple (*Acer monspessulanum)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102	Featherston	63	135	Structure (fort) constructed within canopy	Ts070(08)
G	124	English oak *(Quercus robur)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	126	Has the potential to seed in native planted margin (marked down in function)	Ts070(09)
G	133	Pin oak *(Quercus palustri)*	*10*	Daniel St, Martinborough (Lot 12 DP 2042)	Martinborough	69	114	Heavily sided / topped by neighbor, resulting create an excessive imbalance in form. Recommend intervention pruning to reduce lateral	Ts079
G	134	Common walnut *(Juglans regia)*	*10*	Daniel St, Martinborough (Lot 12 DP 2042)	Martinborough	69	102		Ts079
G	136	Wych elm *(Ulmus glabra)*	*12*	Weld Street, Martinborough (Lot 18 Deeds Plan 24)	Martinborough	69	144		Ts081
G	137	Common walnut (*Juglans regia)*	*17*	Suez Street, Martinborough (Lot 290 DP 248)	Martinborough	69, 70	96		Ts083
G	138	Common walnut (*Juglans regia)*	*18*	Weld Street, Martinborough (Lot 1 DP 434612)	Martinborough	69	114	Suppress compressed leader (reduce lateral spread).	Ts084
G	142	Karaka *(Corynocarpus laevigatus)*	*54*	Jellicoe Street, Martinborough (Lot 552 DP 248)	Martinborough	69	126	Recommend reducing northern elongated limb back into canopy	Ts089

G	143	Pin oak (*Quercus palustris)*	*7*	Strasbourg Street, Martinborough (Lot 107 DP 248)	Martinborough	68	**108**	Dense broad canopy structure; number of limbs reliant on support from adjoining limbs. Recommend structural prune - reducing and pruning of certain limbs to reduce the likelihood of mechanical failures.	Ts090
G	152	Grey gum *(Eucalyptus punctata)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	**144**		Ts097(1)
G	153	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	**144**		Ts097(2)
G	154	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	**144**		Ts097(2)
G	155	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	**144**		Ts097(2)
G	156	*Eucalyptus sp (2)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	**156**	In absence of identification material, the tree is assessed as by genus, therefore eucalyptus trees are considered common within the region.	Ts097(3)
0	1	Pin oak *(Quercus palustris)*	*17*	Jellicoe Street, Greytown (Lot 1 DP71160)	Greytown	59	**180**	Restorative management works recommended to reduce limbs to alleviate mechanical stresses from the extensive thinning works, and to stimulate internal canopy; no more thinning or removal of internal foliage should be carried out.	Ts001
H	2	Common ash *(Fraxinus excelsior)*	*17A*	Jellicoe Street, Greytown (Lot 3 DP71160)	Greytown	59	**126**	Wrong address located on 17A not 17. Tree requires a heavy reduction to reduce mechanical loading on significantly decayed limbs, and to stimulate epircomic sprouting of lower canopy.	Ts001(2)
H	11	Avenue of Red and pin oaks *Quercus rubra and Q. palustris (19)*		Part Reserve Town of Greytown (for northern trees (10)) and Lot 1 DP405286 (for southern trees (9))	Greytown	60	**186**		Ts011
H	14	Deodar cedar *(Cedrus deodara)*	*18*	Mole Street, Greytown (Lot 1 DP 89116)	Greytown	59	**252**		Ts016
H	15	English oak *(Quercus robur)*	*2*	Clara Anne Grove, Greytown (Lot 4 DP 67142) ~~51 Reading Street, Greytown (Lot 11DP 67142)~~	Greytown	59	**234**	Intervention pruning recommended to reduce overextended limbs, to mitigate excessive end weight loading and premature limb failure. The tree stands in a vacant lot, which is considered to be too spatially	Ts021
H	16	Evergreen magnolia (*Magnolia grandiflora)*	*129*	Main Street, Greytown (Pt Sec 55 Town of Greytown)	Greytown	60, 61	**153**	Very high canopy lift.	Ts023(1)
H	17	Horizontal elm *(Ulmus glabra* "horizontalis) ~~*Ulmus campestris*~~	*195*	Hospital Grounds, East Street, Greytown (Lot 5 DP 461648)	Greytown	60	**183**	Horizontal elm not English elm	Ts024(1)
H	18	Horizontal elm *(Ulmus glabra* "horizontalis) ~~*Ulmus campestris*~~	*197*	Hospital Grounds, East Street, Greytown (Lot 1 DP 90535)	Greytown	60	**183**	Horizontal elm not English elm	Ts024(2)
H	19	Common lime *(Tilia x europaea)*	*197*	Hospital Grounds, East Street, Greytown (Lot 1 DP 90535)	Greytown	60	**141**		Ts024(3)
H	22	English oak *(Quercus robur)*	*86*	West Street (road verge), Greytown (adjacent to Lot 1 DP 17731)	Greytown	59	**273**	Root crown expansion is starting to cause conflict with kerb. Would be highly beneficial at this stage to move kerb away from the tree's base to make a suitably sized tree island to accommodate future growth –	Ts028
H	26	English oak *(Quercus robur)*	*100*	West Street (road verge), Greytown (Lot 1 DP 64859)	Greytown	59	**198**	Thoughts towards another staged reduction should be considered, and boxing of berm for mulch should also be considered.	Ts031

H	27	English oak *(Quercus robur)*	*7A*	Cotter Street, Greytown (Lot 2 DP 399141)	Greytown	60	**201**		Ts032
H	32	English oak (*Quercus robur)*	*58B*	Kuratawhiti Street, Greytown (Lot 1 DP 34617)	Greytown	59	**228**	one of only six oaks that are of similar measurements that where planted C.1860 this tree is the 3rd largest girthed oak measured within the region	Ts042
H	33	Common beech (*Fagus sylvatica)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**186**	Numerous decay cavities within structure. Beech is a species that lack any heartwood, so genetically have a low resistance to decay. Subsequently, species of this age are likely to have numerous decay pockets, and also show fungal activity (such as the large ganoderma brackets – synonymous with beech). Some retrenchment was also	Ts044(1)
H	34	Ash (*Fraxinus excelsior)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**123**	Numerous decay cavities – synonymous with species of a certain age; low moisture content of wood means it's rather susceptible to decay, fugal fruiting bodies apparent at base. Managed retrenchment also	Ts044(2)
H	35	Common lime (*Tilia x europaea)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**189**	Trees likely to have suffered from historic root damage judging by damage on roots driveway side. This tree and the adjacent trees all exhibits forms that would define the trees as veteran, and therefore a specific management plan should be carried out to provide the	Ts044(3)
H	36	Ash (*Fraxinus excelsior)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**123**	Moderate, numerous decay cavities within structure and fungal activity at base. Tree also exhibits a history of pruning to manage	Ts044(4)
H	37	Common beech (*Fagus sylvatica)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**180**	Numerous decay cavities within structure. Beech is a species that lack any heartwood, so genetically have a low resistance to decay.	Ts044(5)
H	38	English oak *(18) (Quercus robur)*		Cotter St, entrance to the walkway Old Railway line west to Cotter Street (Lot 4 DP 30169)	Greytown	60	**201**		Ts046
H	39	English oak (77) (*Quercus robur)*		Cotter st, mid way along the walkway Old Railway line west to Cotter Street (Lot 1 DP 30169)	Greytown	60	**201**		Ts047
H	41	Hard beech (Fuscospora solandri Syn. Nothofagus solandri)	38	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**174**		Ts048(2)
H	42	Hard beech (*Fuscospora solandri Syn. Nothofagus solandri)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**144**	Some retrenchment noted, mainly on western canopy. Recommend pruning back apical deadwood and any other pieces of deadwood	Ts048(3)
H	43	Messmate (*Eucalyptus obliqua)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**150**		Ts048(4)
H	47	Mix stand of natives	605	Western lake Rd, ~~Pigeon Bush~~ 605 Western Lake Road, Featherston (Lot 2	Featherston		**237**		Ts050(2)
H	48	Totara (2) *(Podocarpus totara),* Rimu (*Dacrydium cupressinum), Black*	*391*	Underhill Road, Featherston (Lot 1 DP 80348)	Featherston		**201**	2 black maire listed but only one present. Two totara trees are present not one. Three matai trees are inculded (consented by the	Ts051(1)
H	49	Kahikatea *(Dacrycarpus dacrydioides)*	*392*	Underhill Road, Featherston (Lot 1 DP 80348)	Featherston		**174**		Ts051(2)
H	50	Totara x 28 *(Podocarpus totara)* Matai x17 *(Prumnopitys taxifolia)*		Barr Brown Reserve, Underhill Road, Featherston (Lot 31 DP 46642)	Featherston	63	**234**		Ts052
H	51	Giant sequoia *(Sequoiadendron giganteum)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	**195**		Ts053(1)

H	52	Giant sequoia *(Sequoiadendron giganteum)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake	Featherston	23	240		Ts053(2)
H	53	Coastal redwood *(Sequoia sempervirens)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	186		Ts053(3)
H	54	Norfolk Island pine *(Araucaria heterophylla)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	216		Ts054(1)
H	55	Norfolk Island pine (*Araucaria heterophylla)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	216		Ts054(2)
H	56	*Monterey pine (Pinus radiata)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	207		Ts054(3)
H	57	Sweet chestnut *(Castanea sativa)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	126		Ts054(4)
H	58	*Maritime pine (Pinus pinaster)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	144		Ts054(5)
H	59	English elm (*Ulmus procera)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	123		Ts054(6)
H	60	Bunya bunya (*Araucaria bidwillii)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	183		Ts054(7)
H	61	Matai *(Prumnopitys taxifolia)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	192		Ts054(8)
H	64	Holm oak *(Quercus ilex)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	186	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences	Ts055(03)
H	65	Atlantic cedar (*Cedrus atlantica)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	192	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences	Ts055(4)
H	66	Ponderosa pine *(Pinus ponderosa)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	162	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees.	Ts055(05)
H	67	Silver fir *(Abies alba)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences	Ts055(06)
H	68	English elm *(Ulmus procera)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	168	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees.	Ts055(07)
H	69	Coastal redwood (*Sequoia sempervirens)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	186	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees.	Ts055(08)
H	70	Coastal redwood (*Sequoia sempervirens)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	186	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees.	Ts055(09)
H	71	English oak (*Quercus robur)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174		Ts055(10)
H	72	Black pine (*Pinus nigra)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees.	Ts055(11)
H	78	Totara (*Podocarpus totara*), black maire (*Nestegis cunninghamii)*, matai	*79*	Underhill Road, Featherston (Lot 14 DP 46642)	Featherston	63	225		Ts058
H	80	Totara *(Podocarpus totara)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	198		Ts060(01)

H	81	Matai *(Prumnopitys taxifolia)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	147		Ts060(02)
H	82	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	189		Ts060(03)
H	83	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	189		Ts060(04)
H	84	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201		Ts060(5)
H	85	English oak *(Quercus robur)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201		Ts060(6)
H	86	English oak *(Quercus robur)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	189		Ts060(07)
H	87	London plane *(Platanus x acerifolia)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201		Ts060(08)
H	88	London plane *(Platanus x acerifolia)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	195		Ts060(09)
H	89	Japanese maple *(Acer palmatum* 'Purpureum')		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	171		Ts060(10)
H	90	Horse chestnut (*Aesculus hippocastanum)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	183		Ts060(11)
H	91	Hiba (*Thujopsis dolabrata)*~~Lawson's cypress (*Chamaecyparis lawsoniana)~~		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	195	misidentfied as Lawson's cypress, correct id Hiba	Ts060(12)
H	92	Kahikatea *(Dacrycarpus dacrydioides)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	237		Ts060(13)
H	93	Totara (*Podocarpus totara)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	156		Ts060(14)
H	108	Californian Redwood (*Sequoia sempervirens)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	162	Reduction in vigor but vitality assessed as good	Ts067
H	109	*Juglans regia*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	165	One fracture limb noted within canopy, not assessed to be a hazard, but recommend removal of limb so the limb doesn't affect canopy development	Ts067
H	110	Himalayan cypress *(Cupressus) torulosa*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	177		Ts067
H	111	Common lime *(Tilia x europaea)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	177	Ganoderma sp. bracket noted at base growing from old wound, no area for concern to warrant any remedial action at the time of the assessment	Ts067
H	112	Holm oak *(Quercus ilex)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	237	Slight reduction of vigour in southern canopy, but vitality very good	Ts067
H	113	*English oak (Quercus robur)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	180		Ts067
H	125	*Kahikatea (5) (Dacrycarpus dacrydioides)*	*60*	Lyon St (south end), Featherston (Lot 1 DP 66586)	Featherston	64	192	Six trees listed in original listing but only five trees present.	Ts071(1)
H	126	Totara *(2) (Podocarpus totara)*	*60*	Lyon St (south end), Featherston (Lot 1 DP 66586)	Featherston	64	144		Ts071(2)

H	130	*Totara (Podocarpus totara)*	*87a*	Underhill Road, Featherston (Lot 2 DP 394595)	Featherston	63	132		Ts074
H	132	English oak *(Quercus robur)*	*29*	Waite Street, Featherston (Lot 1DP 83371)	Featherston	65	123		Ts076
H	145	Large leafed lime *(Tilia platyphyllos)*	*14-16*	Dublin St, Martinborough School, Martinborough (Pt Lot 67 and 68 Deeds Plan 24)	Martinborough	68	147		Ts091(2)
H	148	*Prumnopitys taxifolia*	*236*	Haurangi Road, Patuna Farm Ruakokoputuna (Lot 1 DP 395437)	Martinborough	31	180		Ts094(2)
H	149	Matai *(Prumnopitys taxifolia)*	*115*	Ruakokoputuna Road,Martinborough (Lot 1 DP 80552)	Martinborough	31	174		Ts095(1)
H	150	Totara *(Podocarpus totara)*	*116*	Ruakokoputuna Road,Martinborough (Lot 1 DP 80552)	Martinborough	31	189		Ts095(2)
H	151	English oak (*Quercus robur)*	*41-43*	Dublin St, St Andrews Anglican Church, Martinborough (Lots 546 and 547 DP 248)	Martinborough	69	186		Ts096
L	3	English elm *(Ulmus procera)* ~~*campestris*~~	*12*	Main Street, Greytown (Part Lot 4 DP 10792)	Greytown	59	198	Change botanical to *Ulmus procera* instead of *U. campestris.*	Ts002
L	4	Common lime (2) *(Tilia x europaea)*	*75*	Reserve land, Main Street (beside BNZ building), Greytown (Lot 1 DP 76572)	Greytown		198		Ts003
L	5	English oak (6) *(Quercus robur)*		Church Street near St Lukes Church boundary, Greytown (Lot 2 DP 86779)	Greytown	61	210	Listing only appears as one tree but consdered an error during listing, as the signle tree is part of a group planting. The five additional oaks have been oincluded in this assessment - awaiting conformation from	Ts004
L	7	Douglas fir (*Pseudotsuga menziesii)*	*200*	Main Street, Greytown (Lot 1 DP 719)	Greytown	60	171	Tree has recently suffered some limb failures, due to a large tree being removed which provided shelter from the predominant winds,	Ts006(2)
L	8	English oak *(Quercus robur)*	*48*	Arbor House, 48 – 50 Main Street, Greytown (Lot 1 DP 10779)	Greytown	59	171		Ts009(1)
L	9	Camperdown elm (*Ulmus glabra 'Camperdownii')*	*48*	Arbor House, 48 – 50 Main Street, Greytown (Lot 1 DP 10779)	Greytown	59	144	Heavily sided for building clearance. The tree exhibits very good vigour and vitality, so likely due to significant loss of canopy flushing (dense epicormic growth) will take place near wounds and from wound	Ts009(2)
L	10	Common ash *(Fraxinus excelsior)*		Cobblestone Museum, Main Street, Greytown (Lot 8 DP 31241)	Greytown	60	225		Ts010
L	12	English elm *(Ulmus procera)* ~~*campestris*~~	*16*	Main Street, Greytown (Part Sec 8 Town of Greytown)	Greytown	59	174	Intervention pruning recommended in the form of an overall reduction to mitigate loading on pollarded attachment points.	Ts012(1)
L	13	English oak *(Quercus robur)*	*16*	Main Street, Greytown (Part Sec 8 Town of Greytown)	Greytown	59	180	Intervention pruning recommended to reduce overextended limbs, but would advised to reduce the entire tree to healthy secondary canopy	Ts012(2)
L	20	Common walnut *(Juglans regia)*	*78*	Main Street, Greytown (Lot 1 DP 89322)	Greytown	60	171	Recent ground disruption due to development works.	Ts026
L	21	Liquidambar *(Liquidamber styraciflua)*	*54*	Wood Street, Greytown (Lot 1 DP 32333)	Greytown	59	150	Recommend canopy reduction to improve to compensate for removal of adjacent vegetation, storm damage and for formative reasons.	Ts027
L	23	Pin oak *(Quercus palustris)*	*31*	West Street, Greytown (Part Sec 16 Town of Greytown)	Greytown	59	141	Has been reduced in response to significant storm damage	Ts029(1)
L	24	Purple beech *(Fagus sylvatica purpurea*	*31*	West Street, Greytown (Part Sec 16 Town of Greytown)	Greytown		168	Retrenchment noted throughout canopy.	Ts029(2)

L	25	Irish yew *(Taxus baccata'Fastigiata)*	*106*	West Street, Greytown (Lot 2 DP 70079)	Greytown	59	162	Has had a number of stems removed, diminishing form. Likely to have been removed to elevate shading issues for garden	Ts030
L	28	*Peppercorn tree (Schinus molle)*	*21*	East Street, Greytown (Lot 6 DP 22662)	Greytown	59	165	Locally rare	Ts033
L	29	English oak *(Quercus robur)*		Greytown Primary School, East Street, Greytown (Part Sec 31 Greytown Belt)	Greytown	61	183	Buttress root historically severed for wall foundation (windward side of tree)	Ts035
L	30	English oak *(Quercus robur)*	*37*	Humphries St, Road verge opp. 37 and adjacent to 34 Humphries Street, Greytown (Lot 2 DP 61702)	Greytown	60	201		Ts036
L	31	*Quercus robur*	*35*	Wood Street, Greytown (Lot 9 Deeds 310)	Greytown	59	219		Ts038
L	44	Purple beech *(Fagus sylvatica purpurea)*	*31*	31 Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	162		Ts049(1)
L	45	Norfolk Island pine *(Araucaria heterophylla)*	*31*	Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	222		Ts049(2)
L	46	Lawson cypress *(Chamaecyparis lawsoniana)*	*31*	Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	165		Ts049(3)
L	73	Norfolk Island pine (*Araucaria heterophylla)*	*17*	Johnston Street, Featherston (Lot 1 DP 13193)	Featherston	64, 65	201		Ts056
L	95	Giant sequoia (*Sequoiadendron giganteum)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	189		Ts062(1)
L	96	English oak (*Quercus robur)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	171		Ts062(2)
L	97	Canary Island palm *(Phoenix canariensis)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	153		Ts062(3)
L	98	*Canary Island palm (Phoenix canariensis)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	153		Ts062(4)
L	99	Mountain ash (*Eucalyptus regnans)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	171		Ts062(5)

L	100	Walnut *(Juglans regia)*		Bell St, St Teresa's School, Bell Street, Featherston (Lot 1 DP 52326)	Featherston	65	150	Recommend structural pruning to reduce lever arm of horizontal lateral limb, to prevent possible mechanical failure. Also recommend mulch	Ts063
L	101	Horse chestnut (*Aesculus hippocastanum) (~~Aesculus carnea~~)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP	Featherston	19	171	Incorrectly id	Ts064(1)
L	102	Red oak *(Quercus rubra)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP	Featherston	19	171		Ts064(2)
L	103	Kahikatea (*Dacrycarpus dacrydioides)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP	Featherston	19	126	Decay columns spreading up from buttress roots from historic damage, heartwood decayed hollow cavity at base.	Ts064(3)
L	104	Tasmanian bluegum *(Eucalyptus globulus)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP	Featherston	19	189		Ts064(4)
L	105	Tasmanian bluegum *(Eucalyptus globulus)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP	Featherston	19	195		Ts064(5)
L	106	Kahikatea *(Dacrycarpus dacrydioides)*		Diversion Road, Featherston (Part Sec 92 Moroa District SO 10862)	Featherston	18, 19,24,25	174	Unable to find permission for access, tree viewed form the street, so form was considered good.	Ts065
L	107	English oak (*Quercus robur) (3)*	*54*	Langs Pharmacy, 54 Fitzherbert Street, Featherston (Lot 6 Deeds Plan 134)	Featherston	64	192		Ts066(1)
L	114	Messmate (*Eucalyptus obliqua)*	*42*	Moroa Rd, The Cottage, Moroa Road, Featherston (Lot 1 DP 25852)	Featherston	19	153	A number of historic limb failures one significant (loss of central leader). Intervention recommended to shorten overextended limbs and carryout a degree of canopy restoration works, to reduce the	Ts069(1)
L	115	*English oak (Quercus robur)*	*42*	Moroa Rd, The Cottage, Moroa Road, Featherston (Lot 1 DP 25852)	Featherston	19	177	Bifurcated at base but naturally braced and grafted approx. 4m up from union. A number of historic limb failures within upper canopy one significant (loss of a leader stem). Intervention recommended to	Ts069(2)
L	116	~~*Elaeocarpus dentatus (2), Agathis australis, Podocarpus totara (11)* Group of native vegetation~~	~~*75*~~	Johnston street, Featherston Underhill Road Character Area, Underhill Road,	Featherston	63	201	More indigenous vegetation added to listing - refer to assessment for species list	Ts070(01)
L	117	Douglas fir *(Pseudotsuga menziesii)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102	Featherston	63	168		Ts070(02)
L	118	Deodar cedar *(Cedrus deodara)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	150		Ts070(03)
L	120	Turkey oak *(Quercus cerris)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road,	Featherston	63	162		Ts070(05)
L	121	Turkey oak *(Quercus cerris)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road,	Featherston	63	150		Ts070(06)
L	127	Purple beech *(Fagus sylvatica* 'purpurea'*)*	*134*	West Street, Greytown (Lot 21DP 16344)	Greytown	60	162		Ts072(1)
L	128	Douglas fir *(Pseudotsuga menziesii)*	*134*	West Street, Greytown (Lot 21DP 16344)	Greytown	60	156	Good, marked down due to standing directly adjacent to another not protected Douglas fir (screening heritage tree from the predominant	Ts072(2)
L	129	Pear *(Pyrus sp.)*	*89*	No. 1 Line, Tauherenikau,Featherston (Lot 24 DP 991)	Featherston	19	126	Unknown cultivar.	Ts073
L	131	*Rhododendron "Sir Robert Peel" (3)*	*160*	Fitzherbert Street, Featherston (Lot 1 DP 50757)	Featherston	65	120		Ts075(1)
L	135	Gleditsia *(Gleditsia 'Sunburst')*	*113-129*	Dublin Street, Martinborough (Lot 1 DP 81880)	Martinborough	69	138		Ts080
L	139	English oak *(Quercus robur)*	*29*	Broadway Street, Martinborough (Lot 1 DP 426707)	Martinborough	68	153	Recommend some minor reduction pruning to improve structural condition to mitigate increased loads on over extended limbs from adjacent tree removal.	Ts085
L	140	Hard beech (*Fuscospora solandri Syn. Nothofagus solandri)*	*4*	Radium Street, Martinborough (Lot 15 Deeds Plan 152)	Martinborough	69	138	Unable to gain access viewed from the street	Ts086
L	141	Pin oak (*Quercus palustris)*	*45*	Kitchener Street, Martinborough (Pt Lot 1 DP 6872)	Martinborough	68	186		Ts087

L	144	Pin oak (*Quercus palustris)*	*14-16*	Dublin St, Martinborough School, Martinborough (Pt Lot 67 and 68 Deeds	Martinborough	68	**195**		Ts091(1)
L	146	Camden wollybutt *(Eucalyptus macarthurii)*	*45-47*	Martinborough Vineyard, 45 – 47 Princess Street, Martinborough (Lot 2 DP 82458)	Martinborough	68	**168**		Ts093
L	147	*Eucalyptus sp,*	*236*	Haurangi Road, Patuna Farm Ruakokoputuna (Lot 1 DP 395437)	Martinborough	31	**177**	In absence of identification material, the tree is assessed as by genus, therefore eucalyptus trees are considered common within the region.	Ts094(1)
NI	6	Mountain ash *(Eucalyptus regnans)*		St Lukes Churchyard, Church Street, Greytown (Lot 2 DP 86779)	Greytown	61	**243**	Recommend static bracing of codominant stems and a canopy reduction to reduce loading on codominant union and large limbs to	Ts005
NI	62	Bunya bunya (*Araucaria bidwillii)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**252**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences	Ts055(01)
NI	63	Bunya bunya *(Araucaria bidwillii)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**204**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences	Ts055(02)
NI	40	Californian live oak (*Quercus agrifolia)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**285**		Ts048(1)
	79	*Corynocarpus laevigatus*	*1280*	Western Lake Rd, Prairie Holm, Western Lake Road, Featherston (Part Sec 80	Featherston	24		No Contact	Ts059
trees approx total									

National Interest Trees Sorted

NI	63	Bunya bunya *(Araucaria bidwillii)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**204**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the
NI	6	Mountain ash *(Eucalyptus regnans)*		St Lukes Churchyard, Church Street, Greytown (Lot 2 DP 86779)	Greytown	61	**243**	Recommend static bracing of codominant stems and a canopy reduction to reduce loading on codominant union and large limbs to improve structural form.

Paper Street Tree definition of Trees of National Interest - Trees rare in New Zealand, or the earliest known plantings, or of large diameter, height or canopy spread nationally (top 5), or trees considered nationally as outstanding specimens, or pristine intact bush remnant of an original forest, or trees considered nationally as outstanding specimens. STEM threshold required for inclusion is 110. **No trees score under 110, the lowest score being 204**.

NI	62	Bunya bunya (*Araucaria bidwillii)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**252**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the
NI	40	California n live oak (*Quercus agrifolia)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**285**	

Landscape Trees Sorted

L	131	*Rhododendron "Sir Robert Peel" (3)*	*160*	Fitzherbert Street, Featherston (Lot 1 DP 50757)	Featherston	65	120	
L	103	Kahikatea (*Dacrycarpus dacrydioides)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP 22068)	Featherston	19	126	Decay columns spreading up from buttress roots from historic damage, heartwood decayed hollow cavity at base.
L	129	Pear *(Pyrus sp.)*	*89*	No. 1 Line, Tauherenikau,Featherston (Lot 24 DP 991)	Featherston	19	126	Unknown cultivar.
L	135	Gleditsia *(Gleditsia 'Sunburst')*	*113-129*	Dublin Street, Martinborough (Lot 1 DP 81880)	Martinborough	69	138	

Paper Street Tree definition - A tree, or tree group, noted for having large dimensions, or for being of special visual/cultural significance. STEM threshold for inclusion 130. Three trees scored under 130, and these would have been anyway protected if the previous STEM threshold of 100 was used.

L	140	Hard beech (*Fuscospora solandri Syn. Nothofagus solandri)*	*4*	Radium Street, Martinborough (Lot 15 Deeds Plan 152)	Martinborough	69	**138**	Unable to gain access viewed from the street
L	23	Pin oak *(Quercus palustris)*	*31*	West Street, Greytown (Part Sec 16 Town of Greytown)	Greytown	59	**141**	Has been reduced in response to significant storm damage

L	9	Camperdown elm (*Ulmus glabra 'Camperdownii')*	*48*	Arbor House, 48 – 50 Main Street, Greytown (Lot 1 DP 10779)	Greytown	59	**144**	Heavily sided for building clearance. The tree exhibits very good vigour and vitality, so likely due to significant loss of canopy flushing (dense epicormic growth) will take place near wounds and from wound calluses to replace leaf area.

L	21	Liquidambar *(Liquidamber styraciflua)*	*54*	Wood Street, Greytown (Lot 1 DP 32333)	Greytown	59	**150**	Recommend canopy reduction to improve to compensate for removal of adjacent vegetation, storm damage and for formative reasons.
L	100	Walnut *(Juglans regia)*		Bell St, St Teresa's School, Bell Street, Featherston (Lot 1 DP 52326)	Featherston	65	**150**	Recommend structural pruning to reduce lever arm of horizontal lateral limb, to prevent possible mechanical failure. Also recommend mulch dripline to protect/improve root environment.

L	118	Deodar cedar *(Cedrus deodara)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	**150**	
L	121	Turkey oak *(Quercus cerris)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	**150**	

L	97	Canary Island palm *(Phoenix canariensis)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	**153**	
L	98	*Canary Island palm (Phoenix canariensis)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	**153**	

L	114	Messmate (*Eucalyptus obliqua)*	*42*	Moroa Rd, The Cottage, Moroa Road, Featherston (Lot 1 DP 25852)	Featherston	19	**153**	A number of historic limb failures one significant (loss of central leader). Intervention recommended to shorten overextended limbs and carryout a degree of canopy restoration works, to reduce the lever arm effect to prevent potential of further limb

L	139	English oak *(Quercus robur)*	*29*	Broadway Street, Martinborough (Lot 1 DP 426707)	Martinborough	68	**153**	Recommend some minor reduction pruning to improve structural condition to mitigate increased loads on over extended limbs from adjacent tree removal.

L	128	Douglas fir *(Pseudotsuga menziesii)*	*134*	West Street, Greytown (Lot 21DP 16344)	Greytown	60	**156**	Good, marked down due to standing directly adjacent to another not protected Douglas fir (screening heritage tree from the predominant wind). Landowner does not want to protected additional tree.
L	25	Irish yew *(Taxus baccata'Fastigiata)*	*106*	West Street, Greytown (Lot 2 DP 70079)	Greytown	59	**162**	Has had a number of stems removed, diminishing form. Likely to have been removed to elevate shading issues for garden

L	44	Purple beech *(Fagus sylvatica purpurea)*	*31*	31 Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	**162**	
L	120	Turkey oak *(Quercus cerris)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	**162**	
L	127	Purple beech *(Fagus sylvatica* 'purpurea' *)*	*134*	West Street, Greytown (Lot 21DP 16344)	Greytown	60	**162**	
L	28	*Pepperco rn tree (Schinus molle)*	*21*	East Street, Greytown (Lot 6 DP 22662)	Greytown	59	**165**	Locally rare

L	46	Lawson cypress *(Chamaecyparis lawsoniana)*	*31*	Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	**165**	
L	24	Purple beech *(Fagus sylvatica purpurea*	*31*	West Street, Greytown (Part Sec 16 Town of Greytown)	Greytown		**168**	Retrenchment noted throughout canopy.
L	117	Douglas fir *(Pseudotsuga menziesii)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	**168**	

L	146	Camden wollybutt *(Eucalyptus macarthurii)*	*45-47*	Martinborough Vineyard, 45 – 47 Princess Street, Martinborough (Lot 2 DP 82458)	Martinborough	68	**168**	
L	7	Douglas fir (*Pseudotsuga menziesii)*	*200*	Main Street, Greytown (Lot 1 DP 719)	Greytown	60	**171**	Tree has recently suffered some limb failures, due to a large tree being removed which provided shelter from the predominant winds, subjecting the tree's canopy to increased forces; thereby inducing limb failure. Recommend reduction of lateral spread of

L	8	English oak *(Quercus robur)*	*48*	Arbor House, 48 – 50 Main Street, Greytown (Lot 1 DP 10779)	Greytown	59	171	
L	20	Common walnut *(Juglans regia)*	*78*	Main Street, Greytown (Lot 1 DP 89322)	Greytown	60	171	Recent ground disruption due to developm ent works.
L	96	English oak (*Quercus robur)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherst on (Lot 2 DP 91007)	Featherst on	24	171	
L	99	Mountain ash (*Eucalypt us regnans)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherst on (Lot 2 DP 91007)	Featherst on	24	171	

L	101	Horse chestnut (*Aesculus hippocastanum)* *(~~Aesculus carnea~~)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauhereni kau, Featherston (Lot 2 DP 22068)	Featherston	19	**171**	Incorrectly id
L	102	Red oak *(Quercus rubra)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauhereni kau, Featherston (Lot 2 DP 22068)	Featherston	19	**171**	
L	12	English elm *(Ulmus procera)* *~~campestris~~*	*16*	Main Street, Greytown (Part Sec 8 Town of Greytown)	Greytown	59	**174**	Intervention pruning recommended in the form of an overall reduction to mitigate loading on pollarded attachment points.

L	106	Kahikatea *(Dacrycarpus dacrydioides)*		Diversion Road, Featherston (Part Sec 92 Moroa District SO 10862)	Featherston	18, 19,24,25	**174**	Unable to find permission for access, tree viewed form the street, so form was considered good.
L	115	*English oak (Quercus robur)*	*42*	Moroa Rd, The Cottage, Moroa Road, Featherston (Lot 1 DP 25852)	Featherston	19	**177**	Bifurcated at base but naturally braced and grafted approx. 4m up from union. A number of historic limb failures within upper canopy one significant (loss of a leader stem). Intervention recommended to shorten overexten

L	147	*Eucalyptus sp,*	*236*	Haurangi Road, Patuna Farm Ruakokoputuna (Lot 1 DP 395437)	Martinborough	31	**177**	In absence of identification material, the tree is assessed as by genus, therefore eucalyptus trees are considered common within the region.
L	13	English oak *(Quercus robur)*	*16*	Main Street, Greytown (Part Sec 8 Town of Greytown)	Greytown	59	**180**	Intervention pruning recommended to reduce overextended limbs, but would advised to reduce the entire tree to healthy secondary canopy

L	29	English oak *(Quercus robur)*		Greytown Primary School, East Street, Greytown (Part Sec 31 Greytown Belt)	Greytown	61	**183**	Buttress root historically severed for wall foundation (windward side of tree)
L	141	Pin oak (*Quercus palustris)*	*45*	Kitchener Street, Martinborough (Pt Lot 1 DP 6872)	Martinborough	68	**186**	
L	95	Giant sequoia (*Sequoiadendron giganteum)*	*1027a*	Kahutara Rd, Otahuna, Kahutara Road, Featherston (Lot 2 DP 91007)	Featherston	24	**189**	
L	104	Tasmanian bluegum *(Eucalyptus globulus)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP 22068)	Featherston	19	**189**	

L	107	English oak (*Quercus robur) (3)*	*54*	Langs Pharmacy, 54 Fitzherbert Street, Featherston (Lot 6 Deeds Plan 134)	Featherston	64	**192**	
L	105	Tasmanian bluegum *(Eucalyptus globulus)*	*191*	No.1 Line, Lowlands, No.1 Line, Tauherenikau, Featherston (Lot 2 DP 22068)	Featherston	19	**195**	
L	144	Pin oak (*Quercus palustris)*	*14-16*	Dublin St, Martinborough School, Martinborough (Pt Lot 67 and 68 Deeds Plan 24)	Martinborough	68	**195**	
L	3	English elm *(Ulmus procera)* ~~*campestris*~~	*12*	Main Street, Greytown (Part Lot 4 DP 10792)	Greytown	59	**198**	Change botanical to *Ulmus procera* instead of *U. campestris.*

L	4	Common lime (2) *(Tilia x europaea)*	*75*	Reserve land, Main Street (beside BNZ building), Greytown (Lot 1 DP 76572)	Greytown		**198**	
L	30	English oak *(Quercus robur)*	*37*	Humphries St, Road verge opp. 37 and adjacent to 34 Humphries Street, Greytown (Lot 2 DP 61702)	Greytown	60	**201**	
L	73	Norfolk Island pine (*Araucaria heterophylla)*	*17*	Johnston Street, Featherston (Lot 1 DP 13193)	Featherston	64, 65	**201**	

L	116	~~*Elaeocarpus dentatus (2), Agathis australis, Podocarpus totara (11)*~~ Group of native vegetation	~~*75*~~	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	**201**	More indigenous vegetation added to listing - refer to assessment for species list

L	5	English oak (6) *(Quercus robur)*		Church Street near St Lukes Church boundary, Greytown (Lot 2 DP 86779)	Greytown	61	**210**	Listing only appears as one tree but consdered an error during listing, as the signle tree is part of a group planting. The five additional oaks have been oincluded in this assessment - awaiting conformation from church
L	31	*Quercus robur*	*35*	Wood Street, Greytown (Lot 9 Deeds 310)	Greytown	59	**219**	
L	45	Norfolk Island pine *(Araucaria heterophylla)*	*31*	Wakefield Street, Featherston (Part Sec 115 Town of Featherston)	Featherston	63, 64	**222**	

L	10	Common ash *(Fraxinus excelsior)*		Cobblestone Museum, Main Street, Greytown (Lot 8 DP 31241)	Greytown	60	**225**	

Heritage Trees Sorted

H	34	Ash (*Fraxinus excelsior)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**123**	Numerous decay cavities – synonymous with species of a certain age; low moisture content of wood means it's rather susceptible to decay, fugal fruiting bodies apparent at base. Managed retrenchment also noted within canopy which given the life stage of the tree and in consideration to the likelihood of root damage during driveway construction (cause of dysfunction) is to be expected. This tree and the adjacent trees all exhibit a form that could be defined as veteran, and therefore, it's recommended that a specific management plan is prescribed, in relation to the trees veteran physiological life stage
H	36	Ash (*Fraxinus excelsior)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**123**	Moderate, numerous decay cavities within structure and fungal activity at base. Tree also exhibits a history of pruning to manage retrenchment. Ash is a species that lack durable heartwood, so do not possess the ability to resist decay. Subsequently, species of this age are likely to have numerous decay pockets and show fungal activity (such as the large ganoderma brackets). This tree and the adjacent trees all exhibit a form that could be defined as veteran, and therefore, it's recommended that a specific management plan is prescribed, in relation to the trees veteran physiological life stage.
H	59	English elm (*Ulmus procera)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	**123**	
H	132	English oak *(Quercus robur)*	*29*	Waite Street, Featherston (Lot 1DP 83371)	Featherston	65	**123**	
H	2	Common ash *(Fraxinus excelsior)*	*17A*	Jellicoe Street, Greytown (Lot 3 DP71160)	Greytown	59	**126**	Wrong address located on 17A not 17. Tree requires a heavy reduction to reduce mechanical loading on significantly decayed limbs, and to stimulate epircomic sprouting of lower canopy.

Paper Street Tree definition of a Heritage Tree - Trees that contribute to an understanding and appreciation of New Zealand's history and cultures, or associated with, or connected to, a person, group or community. STEM inclusion threshold 120. No trees assessed scored less than 120.

H	57	Sweet chestnut *(Castanea sativa)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	**126**	
H	130	*Totara (Podocarpus totara)*	*87a*	Underhill Road, Featherston (Lot 2 DP 394595)	Featherston	63	**132**	
H	19	Common lime *(Tilia x europaea)*	*197*	Hospital Grounds, East Street, Greytown (Lot 1 DP 90535)	Greytown	60	**141**	
H	42	Hard beech (*Fuscospora solandri Syn. Nothofagus solandri)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	**144**	Some retrenchment noted, mainly on western canopy. Recommend pruning back apical deadwood and any other pieces of deadwood that is considered to become easily dislodged.

H	58	*Maritime pine (Pinus pinaster)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	144	
H	126	Totara *(2) (Podocarpus totara)*	*60*	Lyon St (south end), Featherston (Lot 1 DP 66586)	Featherston	64	144	
H	81	Matai *(Prumnopitys taxifolia)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	147	
H	145	Large leafed lime *(Tilia platyphyllos)*	*14-16*	Dublin St, Martinborough School, Martinborough (Pt Lot 67 and 68 Deeds Plan 24)	Martinborough	68	147	
H	43	Messmate (*Eucalyptus obliqua)*	*38*	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	150	

H	16	Evergreen magnolia (*Magnolia grandiflora)*	*129*	Main Street, Greytown (Pt Sec 55 Town of Greytown)	Greytown	60, 61	**153**	Very high canopy lift.
H	93	Totara (*Podocarpus totara)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	**156**	
H	66	Ponderosa pine *(Pinus ponderosa)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**162**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	108	Californian Redwood (*Sequoia sempervirens)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	**162**	Reduction in vigor but vitality assessed as good
H	109	*Juglans regia*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	**165**	One fracture limb noted within canopy, not assessed to be a hazard, but recommend removal of limb so the limb doesn't affect canopy development
H	68	English elm *(Ulmus procera)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**168**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected

H	89	Japanese maple *(Acer palmatum 'Purpureum')*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	171	
H	41	Hard beech (Fuscospora solandri Syn. Nothofagus solandri)	38	Donald Street, Featherston (Lot 1 DP 359158)	Featherston	65	174	
H	49	Kahikatea *(Dacrycarpus dacrydioides)*	*392*	Underhill Road, Featherston (Lot 1 DP 80348)	Featherston		174	
H	67	Silver fir *(Abies alba)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	71	English oak (*Quercus robur)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174	
H	72	Black pine (*Pinus nigra)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	174	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	149	Matai *(Prumnopitys taxifolia)*	*115*	Ruakokoputuna Road,Martinborough (Lot 1 DP 80552)	Martinborough	31	174	

H	110	Himalayan cypress *(Cupressus) torulosa*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	177	
H	111	Common lime *(Tilia x europaea)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	177	Ganoderma sp. bracket noted at base growing from old wound, no area for concern to warrant any remedial action at the time of the assessment.
H	37	Common beech (*Fagus sylvatica)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	180	Numerous decay cavities within structure. Beech is a species that lack any heartwood, so genetically have a low resistance to decay. Subsequently, species of this age are likely to have numerous decay pockets. Retrenchment management works noted within canopy which given the life stage of the tree and in consideration to the likelihood of root damage during driveway construction (cause of dysfunction) is to be expected. This tree and the adjacent trees all exhibit a form that could be defined as veteran, and therefore, it's recommended that a specific management plan is prescribed, in relation to the trees veteran physiological life stage.
H	113	*English oak (Quercus robur)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	180	
H	148	*Prumnopitys taxifolia*	*236*	Haurangi Road, Patuna Farm Ruakokoputuna (Lot 1 DP 395437)	Martinborough	31	180	

H	17	Horizontal elm *(Ulmus glabra* "horizontalis) ~~*Ulmus campestris*~~	*195*	Hospital Grounds, East Street, Greytown (Lot 5 DP 461648)	Greytown	60	183	Horizontal elm not English elm
H	18	Horizontal elm *(Ulmus glabra* "horizontalis) ~~*Ulmus campestris*~~	*197*	Hospital Grounds, East Street, Greytown (Lot 1 DP 90535)	Greytown	60	183	Horizontal elm not English elm
H	60	Bunya bunya (*Araucaria bidwillii)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	183	
H	90	Horse chestnut (*Aesculus hippocastanum)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	183	

H	11	Avenue of Red and pin oaks *Quercus rubra and Q. palustris (19)*		Part Reserve Town of Greytown (for northern trees (10)) and Lot 1 DP405286 (for southern trees (9))	Greytown	60	186	
H	33	Common beech (*Fagus sylvatica)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	186	Numerous decay cavities within structure. Beech is a species that lack any heartwood, so genetically have a low resistance to decay. Subsequently, species of this age are likely to have numerous decay pockets, and also show fungal activity (such as the large ganoderma brackets – synonymous with beech). Some retrenchment was also noted within canopy which given the life stage of the tree and in consideration to the likelihood of root damage during driveway construction (cause of dysfunction) is to be expected. This tree and the adjacent trees all exhibit a form that could be defined as veteran, and therefore, it's recommended that a specific management plan is prescribed, in relation to the trees veteran physiological life stage.
H	53	Coastal redwood *(Sequoia sempervirens)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	186	
H	64	Holm oak *(Quercus ilex)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	186	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected

H	69	Coastal redwood (*Sequoia sempervirens)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**186**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	70	Coastal redwood (*Sequoia sempervirens)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	**186**	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	151	English oak (*Quercus robur)*	*41-43*	Dublin St, St Andrews Anglican Church, Martinborough (Lots 546 and 547 DP 248)	Martinborough	69	**186**	
H	35	Common lime (*Tilia x europaea)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	**189**	Trees likely to have suffered from historic root damage judging by damage on roots driveway side. This tree and the adjacent trees all exhibits forms that would define the trees as veteran, and therefore a specific management plan should be carried out to provide the appropriate guidance for managing such trees in its setting. This will reduce the likelihood of ill-informed removal or the potential for mechanical failure. Home owner was advised
H	82	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	**189**	
H	83	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	**189**	

H	86	English oak *(Quercus robur)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	189	
H	150	Totara *(Podocarpus totara)*	*116*	Ruakokoputuna Road,Martinborough (Lot 1 DP 80552)	Martinborough	31	189	
H	61	Matai *(Prumnopityes taxifolia)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	192	
H	65	Atlantic cedar (*Cedrus atlantica)*	*693A*	Kahutara Rd, Pihautea, 693A Kahutara Road (Lot 1 DP 423275)	Featherston	25	192	Land change has occurred from homestead to pasture for beef grazing, such a change will have a negative impact on the trees. Highly recommend that these trees are fenced off from stock. Fences should be located beyond the dripline of each tree and the areas inside the fences mulched, otherwise, it's highly likely that over time these trees will be adversely effected
H	125	*Kahikatea (5) (Dacrycarpus dacrydioides)*	*60*	Lyon St (south end), Featherston (Lot 1 DP 66586)	Featherston	64	192	Six trees listed in original listing but only five trees present.

H	51	Giant sequoia *(Sequoiadendron giganteum)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	195	
H	88	London plane *(Platanus x acerifolia)*		Tauhereni kau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	195	
H	91	Hiba (*Thujopsis dolabrata)* ~~Lawson's cypress *(Chamaecyparis lawsoniana)*~~		Tauhereni kau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	195	misidentfied as Lawson's cypress, correct id Hiba
H	26	English oak *(Quercus robur)*	*100*	West Street (road verge), Greytown (Lot 1 DP 64859)	Greytown	59	198	Thoughts towards another staged reduction should be considered, and boxing of berm for mulch should also be considered.
H	80	Totara *(Podocarpus totara)*		Tauhereni kau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	198	
H	27	English oak *(Quercus robur)*	*7A*	Cotter Street, Greytown (Lot 2 DP 399141)	Greytown	60	201	

H	38	English oak *(18)* *(Quercus robur)*		Cotter St, entrance to the walkway Old Railway line west to Cotter Street (Lot 4 DP 30169)	Greytown	60	201	
H	39	English oak (77) (*Quercus robur)*		Cotter st, mid way along the walkway Old Railway line west to Cotter Street (Lot 1 DP 30169)	Greytown	60	201	
H	48	Totara (2) *(Podocarpus totara),* Rimu (*Dacrydium cupressinum), Black maire (Nestegis cunninghamii*) and Matai (3) (*Prumnopitys taxifolia)*	*391*	Underhill Road, Featherston (Lot 1 DP 80348)	Featherston		201	2 black maire listed but only one present. Two totara trees are present not one. Three matai trees are inculded (consented by the landowner). The trees stand as a group.
H	84	Common lime *(Tilia x europaea)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201	

H	85	English oak *(Quercus robur)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201	
H	87	London plane *(Platanus x acerifolia)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	201	
H	56	*Monterey pine (Pinus radiata)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	207	
H	54	Norfolk Island pine *(Araucaria heterophylla)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	216	

H	55	Norfolk Island pine (*Araucaria heterophylla)*		Western Lake Rd, Ratanui Homestead, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	**216**	
H	78	Totara (*Podocarpus totara*), black maire (*Nestegis cunninghamii)*, matai (*Prumnopitys taxifolia*) Turepo *(Streblus microphylla)* and kauri (2) (*Agathis australis)*	*79*	Underhill Road, Featherston (Lot 14 DP 46642)	Featherston	63	**225**	
H	32	English oak (*Quercus robur)*	*58B*	Kuratawhiti Street, Greytown (Lot 1 DP 34617)	Greytown	59	**228**	one of only six oaks that are of similar measurements that where planted C.1860 this tree is the 3rd largest girthed oak measured within the region

H	15	English oak *(Quercus robur)*	*2*	Clara Anne Grove, Greytown (Lot 4 DP 67142) ~~51 Reading Street, Greytown (Lot 11DP 67142~~)	Greytown	59	234	Intervention pruning recommended to reduce overextended limbs, to mitigate excessive end weight loading and premature limb failure. The tree stands in a vacant lot, which is considered to be too spatially restricted to accommodate a dwelling and a tree of this size. In addition to this the tree dominates the northern boundary. This tree is the largest girthed oak in the district and in great health, which could become one of the largest in NZ, and is an important part of Greytown heritage. So carefully consideration will be needed should the land use change beneath/adjacent to this tree so not to lead to adverse effects, and to avoid future pressures for tree removal.
H	50	Totara x 28 *(Podocarpus totara)* Matai x17 *(Prumnopitys taxifolia)*		Barr Brown Reserve, Underhill Road, Featherston (Lot 31 DP 46642)	Featherston	63	234	
H	47	Mix stand of natives	605	Western lake Rd, ~~Pigeon Bush~~ 605 Western Lake Road, Featherston (Lot 2 DP 351055)	Featherston		237	
H	92	Kahikatea *(Dacrycarpus dacrydioides)*		Tauherenikau Racecourse, Featherston (Lot 3 DP 346532)	Featherston	19	237	
H	112	Holm oak *(Quercus ilex)*	806	Kahutara Rd, Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	237	Slight reduction of vigour in southern canopy, but vitality very good

H	52	Giant sequoia *(Sequoia dendron giganteum)*		Western Lake Rd, Waiorongomai, Western Lake Road (Part Sec 19 Western Lake District SO 10683)	Featherston	23	**240**	
H	14	Deodar cedar *(Cedrus deodara)*	*18*	Mole Street, Greytown (Lot 1 DP 89116)	Greytown	59	**252**	
H	22	English oak *(Quercus robur)*	*86*	West Street (road verge), Greytown (adjacent to Lot 1 DP 17731)	Greytown	59	**273**	Root crown expansion is starting to cause conflict with kerb. Would be highly beneficial at this stage to move kerb away from the tree's base to make a suitably sized tree island to accommodate future growth – highly recommended in terms of successful long-term management of the tree.

General Trees Sorted

Notable sig	New Ref ID	Species	No	Address	Area	Map Ref	STEM	Notes
G	137	Common walnut (*Juglans regia)*	*17*	Suez Street, Martinborough (Lot 290 DP 248)	Martinborough	69, 70	96	
G	134	Common walnut *(Juglans regia)*	*10*	Daniel St, Martinborough (Lot 12 DP 2042)	Martinborough	69	102	
G	143	Pin oak (*Quercus palustris)*	*7*	Strasbourg Street, Martinborough (Lot 107 DP 248)	Martinborough	68	108	Dense broad canopy structure; number of limbs reliant on support from adjoining limbs. Recommend structural prune - reducing and pruning of certain limbs to reduce the likelihood of mechanical failures.

11 General Trees removed from Notable Tree register as a result of raising STEM threshold from 100 to 140. These being 2 walnuts, 2 pin Oaks, a Lawson Cypress, a Sweet Chestnut, an English Oak, a Karaka, a Tasmanian Bluegum, and 2 Montpelier Maples.

7 Trees now have a borderline score between 140 and 150 where their Notable status could be easily challenged or removed. Trees vulnerable are an English Oak, a Californian Redwood, a Wych Elm, a Grey Gum, and 3 Canary Island Palms.

Paper Street Tree Definition of a General Tree - A tree, or tree group that represents a typical example of its species found within the region.

G	133	Pin oak *(Quercus palustri)*	*10*	Daniel St, Martinborough (Lot 12 DP 2042)	Martinborough	69	114	Heavily sided / topped by neighbor, resulting create an excessive imbalance in form. Recommend intervention pruning to reduce lateral extension to improve structural form.
G	138	Common walnut (*Juglans regia)*	*18*	Weld Street, Martinborough (Lot 1 DP 434612)	Martinborough	69	114	Suppress compressed leader (reduce lateral spread).
G	74	Lawson cypress (*Chamaecyparis lawsoniana)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 65	126	
G	119	Sweet chestnut *(Castanea sativa)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	126	

G	124	English oak *(Quercus robur)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	126	Has the potential to seed in native planted margin (marked down in function)
G	142	Karaka *(Corynocarpus laevigatus)*	*54*	Jellicoe Street, Martinborough (Lot 552 DP 248)	Martinborough	69	126	Recommend reducing northern elongated limb back into canopy
G	94	Tasmanian bluegum *(Eucalyptus globulus)*	*70a*	Woodward Street, Featherston (Lot 2 DP 65386)	Featherston	64	135	
G	123	Montpellier maple (*Acer monspessulanum)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	135	Structure (fort) constructed within canopy

G	122	Montpellier maple (*Acer monspessulanum)*	*75*	Johnston street, Featherston Underhill Road Character Area, Underhill Road, Featherston (Sec 95 & Pt Sec 102 Featherston Suburban SO 10563)	Featherston	63	141	Suppressed by adjacent vegetation
G	75	English oak *(Quercus robur)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 66	144	
G	77	Coastal redwood *(Sequoia sempervirens)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 71	144	
G	136	Wych elm *(Ulmus glabra)*	*12*	Weld Street, Martinborough (Lot 18 Deeds Plan 24)	Martinborough	69	144	
G	152	Grey gum *(Eucalyptus punctata)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	144	

G	153	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	144	
G	154	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	144	
G	155	Canary Island palm (*Phoenix canariensis) (3)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	144	
G	156	*Eucalyptus sp (2)*	*35*	Huangarua Rd, Martinborough (Lots 1 and 2 DP22269)	Martinborough	68	156	In absence of identification material, the tree is assessed as by genus, therefore eucalyptus trees are considered common within the region.
G	76	English oak *(Quercus robur)*	*17*	Johnston Street, Featherston (Lot 1 DP 11388)	Featherston	64, 67	174	

Public Proposed Trees Sorted

Notable sig	New Ref ID	Species	No	Address	Area	Map Ref	STEM	Canopy extend over into other private properties	Notes
G - Existing Notable Trees	279	Golden elm (*Ulmus glabra* 'Lutescens')	160	Fitzherbert Street, Featherston (Lot 1 DP 50757)	Featherston		132	No	
G	280	Titoki (2) (*Alectryon excelsus)*	6	Kereru Grove, Featherston (Lot 11 DP46642)	Featherston		126	No	
G	285	Horse chestnut (*Aesculus hippocastanum*)	40	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	120	No	
G	291	Sycamore (*Acer pesudoplatanus)*	11	Memorial Street, Martinborough (Lot 368 DP 248)	Martinborough		150	No	No contact with landowner
G	292	Totara (*Podocarpus totara*) /kahikatea (*Dacrycarpus dacrydioides)*	2466	SH2, Greytown (Lot 3 DP 391939)	Greytown		159	No	
G	294	Judas tree *(Cercis siliquastrum*)	46	Kuratawhiti Street, Greytown (Part Sec 5 of Greytown Small Farm Settlement)	Greytown		114	No	
G	296	Hard beech (Fuscospora solandri Syn. Nothofagus solandri)	22	Mahupuku St, Greytown (Lot 4 DP 492 569)	Greytown		150	Yes	Located adjacent to power lines and the dwelling

G	294	Judas tree *(Cercis siliquastrum*)	46	Kuratawhiti Street, Greytown (Part Sec 5 of Greytown Small Farm Settlement)	Greytown		114	No
G	303	Kowhai (*Sophora microphylla*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		114	No
G	285	Horse chestnut (*Aesculus hippocastanum*)	40	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	120	No
G	304	Kowhai (*Sophora microphylla*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		120	No
G	280	Titoki (2) (*Alectryon excelsus)*	6	Kereru Grove, Featherston (Lot 11 DP46642)	Featherston		126	No
G - Proposed Trees	279	Golden elm (*Ulmus glabra* 'Lutescens')	160	Fitzherbert Street, Featherston (Lot 1 DP 50757)	Featherston		0	No
G	291	Sycamore (*Acer pesudoplatanus)*	11	Memorial Street, Martinborough (Lot 368 DP 248)	Martinborough		150	No
G	296	Hard beech (Fuscospora solandri Syn. Nothofagus solandri)	22	Mahupuku St, Greytown (Lot 4 DP 492 569)	Greytown		150	Yes

7 Proposed Trees in the General Category did not reach the 140 STEM threshold required to be listed as Notable Trees. These being 1 Judas Tree, 3 Kowhai Trees, 1 Horse Chestnut, 2 Titoki Trees, and 1 Golden Elm. I Heritage Tree fell below the 120 point threshold required and was therefore not listed as Notable, which would have been protected using the previous 100 point threshold. No Landscape trees fell below the 130 point threshold.

G	303	Kowhai (*Sophora microphylla*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		114	No	
G	304	Kowhai (*Sophora microphylla*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		120	No	
H	256	Camellia *(Camellia sp.)*	*129*	Main Street, Greytown (Pt Sec 55 Town of Greytown)	Greytown		126	No	Tree not listed but heritage sign outside property states that tree is notable and is on the heritage tree list, therefore tree has been proposed due to heritage values. Tree exhibits a very high canopy lift.
H	257	English oak (*Quercus robur*) (17?)	21	Wood St, Greytown (Lot 2 DP 459259)	Greytown		252	Yes	NO LAND OWNER CONSENT - Current owner very adamant that trees are not protected so unable to measure or accurately assess the trees for form, or vigour. All observations were taken from Wood street. In addition, the total
G	292	Totara (*Podocarpus totara*) /kahikatea (*Dacrycarpus dacrydioides)*	2466	SH2, Greytown (Lot 3 DP 391939)	Greytown		159	No	

H	258	English oak (*Quercus robur*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	195	No	Hanging limb within canopy Recommend removal of limb.
H	259	Turkey oak (*Quercus cerris*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	180	No	Overextended (heavily end weighted) limb protruding south out from canopy. Recommend intervention to reduce overextended limb to minimise the likelihood of limb failure.
H	260	English oak (*Quercus robur*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	159	No	Some minor decline noted at the time of assessment
H	261	Turkey oak (*Quercus cerris*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	159	No	
H	262	Dutch elm (*Ulmus hollandica*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	150	No	Natural retrenchment taking place due to maturity.
H	263	Cedar of Lebanon *(Cedrus libani)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	201	No	**Landowner on holiday wants to add more to historic data (for all trees highlighted in green)**
H	264	Yew (*Taxus baccata*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	138	No	

H	265	Yew (*Taxus baccata*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	132	No	
H	266	Yew (*Taxus baccata*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	138	No	
H	267	Yew (*Taxus baccata*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	150	No	
H	268	Holm oak (*Quercus ilex)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	183	No	Large lateral overextended limb spreading north, recommend minor reduction of limb to reduce the likelihood of failure.
H	269	Deodar cedar (*Cedrus deodara)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	153	No	
H	270	Deodar cedar (*Cedrus deodara)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	153	No	
H	271	Deodar cedar (*Cedrus deodara)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	147	No	
H	272	Turkey oak (*Quercus cerris*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	174	No	

H	273	Wych elm (*Ulmus glabra*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	147	No	
H	274	English oak (*Quercus robur)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	159	No	
H	275	Camellia sp.		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	117	No	
H	276	Turkey oak (*Quercus cerris*)		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	153	No	
H	277	Common ash (*Fraxinus excelsior)*		Rototawai, Kahutara Road, Featherston (Part Lot 1 DP 14477)	Featherston	24	153	No	
H	278	Common ash (*Fraxinus excelsior)*	45	Kempton Street, Greytown (Lot 5 65594)	Greytown		180	No	
H	283	English oak (*Quercus robur)*	6	Westwod Ave, Greytown (Lot 2 DP 44064)	Greytown		252	Yes	
H	284	Common lime (*Tilia x europaea)*	*40*	Kuratawhiti Street, Greytown (Lot 2 DP 83851)	Greytown		219	No	
H	286	Common lime (*Tilia x europaea)*	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	183	No	

H	295	Himalayan oak (11) (*Quercus leucotrichophora*)	14-16	Martinborough School, 14-16 Dublin Street, Martinborough (Pt Lot 67 and 68 Deeds Plan 24)	Martinborough		165	No	Recommend mulch rings around all trees to prevent mower damage and improve ground conditions to improve tree health
H	297	Totara (*Podocarpus totara*)	174	Kuratawhiti Street, Greytown (Lot 1 DP 19959)	Greytown		168	No	
H	298	Kahikatea (*Dacrycarpus dacrydioides*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		243	No	
H	299	Totara (5) (*Podocarpus totara*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		159	No	
H	300	Totara (*Podocarpus totara)*	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		171	No	
H	301	Totara (10) (*Podocarpus totara*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		207	No	Southern most totara not included in group – showing irreversible decline
H	302	Totara (12) (*Podocarpus totara*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		213	No	
H	305	Titoki (3) (Alectryon excelsus)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		183	No	
H	306	Totara (*Podocarpus totara*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		171	No	

H	307	Titoki (*Alectryon excelsus*)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		150	No	
H	308	Perry pear (Pyrus sp.)	60	Kahikatea Gardens, Wilkie St, Greytown (Lot 2 DP 85329)	Greytown		144	No	
L	281	Horse chestnut (*Aesculus hippocastanum*)	163D	Main St, Greytown (Lot 3 DP 429753)	Greytown		150	Yes	Located adjacent to powerlines
L	282	English oak (*Quercus robur*)	188	Main Road, Greytown (Lot 1 DP 342812)	Greytown		150	No	Reduction of lateral extension will be beneficial to alleviate mechanical stresses on over extended limbs due to loss of adjacent ash.
L	287	Photinia (*Photinia serratifolia*)	*40*	Kuratawhiti Street, Greytown (Lot 1 DP 83851)	Greytown	59	135	No	
L	288	Purple beech (Fagus sylvatica 'purpurea')	134	Main Street, Greytown (Lot 3 DP 18242)	Greytown		171	Yes	NO LANDOWNER CONSENT Recommend minor reduction on smaller girthed included stem
L	289	Kauri (*Agathis australis*)	35	Wood Street, Greytown (Lot 9 Deeds 310)	Greytown		138	No	
L	290	Rhododendron (3)	35	Wood Street, Greytown (Lot 9 Deeds 310)	Greytown		150	No	

L	293	Pin oak (Quercus palustris)	31	West Street, Greytown (Part Sec 16 Town of Greytown)	Greytown		171	Yes	Storm damaged upper canopy, with structure exhibiting a number of overextended limbs with questionable attachment points. Intervention pruning recommended to improve structural integrity

GTAG Proposed Trees Sorted

Notable sig	New Ref ID	Species	No	Address	Area	STEM	Canopy extend over into other private properties	Notes
G	322	Totara (*Podocarpus totara)(2)*	230	Main Street, Greytown, (Part Section 92 TN OF Greytown)	Greytown	108	No	
G	325	Totara (*Podocarpus totara)*	62	West Street, Greytown, (Lot 1 DP 19213)	Greytown	108	No	
G+G3K1A2	310	Totara (*Podocarpus totara)*	32	Humphries Street (Lot 1 DP 21677)	Greytown	120	Yes	Some minor dieback noted, south side of canopy.
G	321	Rimu (*Dacrydium cupressinum*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	132	No	Codominant union with bark inclusion at base. Intervention pruning recommended to improve structural condition; gradual reduction of subordinate stem to reduce its growth rate.

General Trees

Notable sig	New Ref ID	Species	No	Address	Area	STEM	Canopy extend over into other private properties	Notes
G	322	Totara (*Podocarpus totara)(2)*	230	Main Street, Greytown, (Part Section 92 TN OF Greytown)	Greytown	108	No	
G	325	Totara (*Podocarpus totara)*	62	West Street, Greytown, (Lot 1 DP 19213)	Greytown	108	No	
G+G3K1A2	310	Totara (*Podocarpus totara)*	32	Humphries Street (Lot 1 DP 21677)	Greytown	120	Yes	Some minor dieback noted, south side of canopy.

Of TAG proposed trees in the General Category 6 trees did not meet the STEM threshold required of 140. Of trees in the Heritage Category no trees failed to meet the 120 point STEM threshold required. Of the trees in the Landscape category no trees failed to meet the 120 point STEM threshold required.

G	327	Totara (*Podocarpus totara)*	86	East Street, Greytown (Lot 3 11855)	Greytown	132	Yes	
G	327	Copper beech (Fagus sylvatica 'Purpurea')	49	Wood Street Greytown (Lot 1 DP 19213)	Greytown	138	No	Large lower limb ascending competing for apical dominance. Intervention pruning recommended to improve structural form by gradual reduction of large ascending limbs to reduce its growth rate.

G	321	Rimu (*Dacrydium cupressinum*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	132	No	Codominant union with bark inclusion at base. Intervention pruning recommended to improve structural condition; gradual reduction of subordinate stem to reduce its growth rate.
G	327	Totara (*Podocarpus totara)*	86	East Street, Greytown (Lot 3 11855)	Greytown	132	Yes	

L	324	Liquidambar (*Liquidambar styraciflua*)	174	Main Street, (Part Section 68 TN OF Greytown)	Greytown	138	No	
H	309	Canary Island palm (2) (*Phoenix canariensis*)	193	East Street, Greytown (Lot 6 DP 461648)	Greytown	141	No	
L	317	Totara (*Podocarpus totara*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	150	Yes	Codominant union at base with large bark inclusion (included bark synonymous with species but his inclusion is of a greater length than what would be typically expected). Intervention pruning recommended to improve structural condition,
H	314	Totara (*Podocarpus totara*)	209	Kuratawhiti Street (Lot 1 DP 26094)	Greytown	159	No	

G	327	Copper beech (Fagus sylvatica 'Purpurea')	49	Wood Street Greytown (Lot 1 DP 19213)	Greytown	138	No	Large lower limb ascending competing for apical dominance. Intervention pruning recommended to improve structural form by gradual reduction of large ascending limbs to reduce its growth rate.
G	311	English oak (*Quercus robur*)	31	Kempton Street (Lot 2 DP 57466)	Greytown	174	No	

L	323	Coastal redwood (*Sequoia sempervirens*)	53	Udy Street, Greytown (Lot 14 DP 82671)	Greytown	159	No	Codominant union midway up stem, also another leader developing at base. Intervention pruning recommended to improve structural form by gradual reduction of subdominant stems to reduce their growth rates.
H	312	Totara (*Podocarpus totara)*	209	Kuratawhiti Street (Lot 1 DP 26094)	Greytown	165	No	
L	319	Coastal redwood (*Sequoia sempervirens*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	165	No	Girth suggests age of tree would be under 100yrs, but considering it shows a slight reduction in vigor than the adjacent conifers, it would be reasonable to expect a reduction in growth ring width.

L	329	Pin oaks (*Quercus palustris*) (11)	85-91	Main Street, Greytown (Lots 1-3, 14 &15 DEEDS 271)	Greytown	165	Yes	Poorly managed; excessive canopy lift resulting in multiple wounds around stems, poor pruning cuts and excessive lifting/thinning/stripping of limbs removing lower and mid growth. Resulting in increasing stress/loads on limb attachment points; increasing
L	318	Lawson cypress (*Chamaecyparis lawsoniana*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	168	No	
G	311	English oak (*Quercus robur*)	31	Kempton Street (Lot 2 DP 57466)	Greytown	174	No	
H	315	Totara (*Podocarpus totara*)	192	Kuratawhiti Street (Lot 5 DP 91347)	Greytown	177	No	
L	326	Coastal redwood (Sequoia sempervirens)	49	Wood Street Greytown (Lot 1 DP 19213)	Greytown	177	No	Codominant union just up form base. Intervention pruning recommended to improve structural form by gradual reduction of subdominant stems to reduce its growth rate
H	313	Totara (*Podocarpus totara*)	209	Kuratawhiti Street (Lot 1 DP 26094)	Greytown	183	No	

H	328	Kahikatea (*Dacrycarpus dacrydioides*)	60 Opp	Wilkie St, Greytown Road reserve	Greytown	186	No	Remove juvenile totara growing between buttress roots
L	320	Mexican cypress (*Cupressus lusitanica*)	93	Kuratawhiti St, Greytown (Lot 3 DP 501795)	Greytown	186	No	
H	316	Totara (*Podocarpus totara)*	174	Kuratawhiti Street, Greytown (Lot 1 DP 19959)	Greytown	210	No	