

Treeskills Tree Report

prepared for Far North District Council

Sequoia sempervirens



Site Visit to Wendywood Lane, Kerikeri

Conducted 06.10.2022

Overview

A visual inspection of this tree was carried out by Roger Gale, Treeskills, at the request of Nina Gobie.

The purpose of the inspection was to assess the trees' health, identify any remedial work required to remove H&S risks and promote tree health, and to report any particular issues or concerns that need to be addressed.

This report is a summary of the findings, including photographs and a cost estimate associated with the recommended remedial work.

The inspection was done from ground level. Photographs illustrate points of note.

Any questions or queries please contact the author directly at roger@treeskills.co.nz

Inspection Details

Date/time of Inspection: 06 October 2022, 0815hrs.

Address: Wendywood lane, Kerikeri.

Tree Species: *Sequoia sempervirens*

Weather conditions: Overcast/ calm.

General Health

This row of trees is situated on a gentle slope that has adequate drainage, however a significant proportion of its root zone has been covered by an impermeable asphalt service on the New World side.

The trees have an average girth of 2.56 meters, an average crown width of 10 meters and a height of approximately 36 meters.

The foliage is very variable - some trees have reasonable foliage density and cover, others have poorer foliage. The spring growth flush is just now appearing.

The trees with significant issues will be addressed one by one.



Figure 1: Showing vigorous coppice growth removal.

These trees have been cleared around their bases which will significantly reduce water retention in this area. Application of mulch is a priority to help these trees through the summer.



Figure 2: Showing tree #35 is dead.

Tree #35 should be removed at some time as eventually it will fall.



Figure 3: Showing sparse foliage.

The mulch under these trees has been largely absorbed - only 15mm is left in most areas. These trees respond well to mulch and are feeling the deficit, especially trees # 22 - 28.

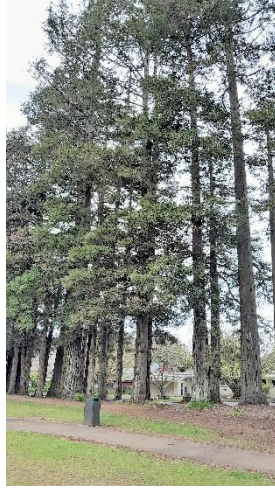


Figure 4: Showing another view of the sparse canopy area.

Summary

The Wendywood Ave redwoods have slowed their growth down in the off season and are only now starting a growth spurt. There is very little sign of die back/ dead tips.

The Wendywood Ave redwoods row covers only half the width of the redwoods row in Ruatara Lane, so builds up less natural mulch and dries out faster. Wendywood Ave redwoods need an application of up to 10cm of composted mulch.

Summary of Work Recommended (Hazard rating: 1 = minor, 5 = extreme).

All recommendations in this report need to be actioned, but especially any hazard ratings above 3:

- Figure 2: Remove dead tree #35.
 - Hazard rating: 1
- Figure 3 and 4: Monitor the condition of these trees as they look to be slowly declining.
 - Hazard rating: 1
- Figure 1: Apply 10cm of composted mulch to the whole area to protect tree health over summer.
 - Hazard rating: 1
- In my opinion under regular weather conditions there is only a moderate risk posed by the other trees in this row, however, annual monitoring must be maintained.

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Disclaimer: The tree referred to in this report is a living entity and is therefore subject to natural processes, and changes to its environment caused by human's activities and by exceptional weather conditions. The inspection undertaken relies on the visual attributes of tree health and structure which can be ascertained from a visual inspection. Hidden defects which are not readily visible may not be detected. The condition and safety of the tree inspected cannot be guaranteed beyond what can be reasonably assessed from the procedures used. It is recommended that all significant trees are regularly inspected. Treescills can advise on the suitable frequency of these inspections.