

Treeskills Tree Report

prepared for

The Far North District Council



Site Visit to Hawkings Crescent, Kerikeri

Conducted 01/09/2020

Overview:

This annual visual inspection and report was carried out by Roger Gale of Treeskills at the request of Zane Wright. The inspection was done from ground level. This report has been carried out to ascertain check for health and safety issues.

Photographs are attached to illustrate points of note.

Any questions or queries please contact the author directly.

Date/time of Inspection: 1st September 2020 at 1200 hours.

Address: Hawkings crescent, Kerikeri.

Tree Species: Redwood (*Sequoia sempervirens*.)

Height: 35m (approx.) **Circumference:** 3000mm to 850mm **Crown Spread:** 10m (approx.)

Weather conditions: sunny/overcast

General Health:

This copse of trees is planted 5 rows wide between Kerikeri retirement village and housing around Hawkings crescent. Overall, it is a healthy stand of trees although some are inevitably suppressed and others more dominant. The trees have typical apically dominant crowns with well-balanced forms.

Tree Characteristics and Health:

The form of the crowns have minor asymmetry, with large dominant limbs in their lower canopies where their site allows.

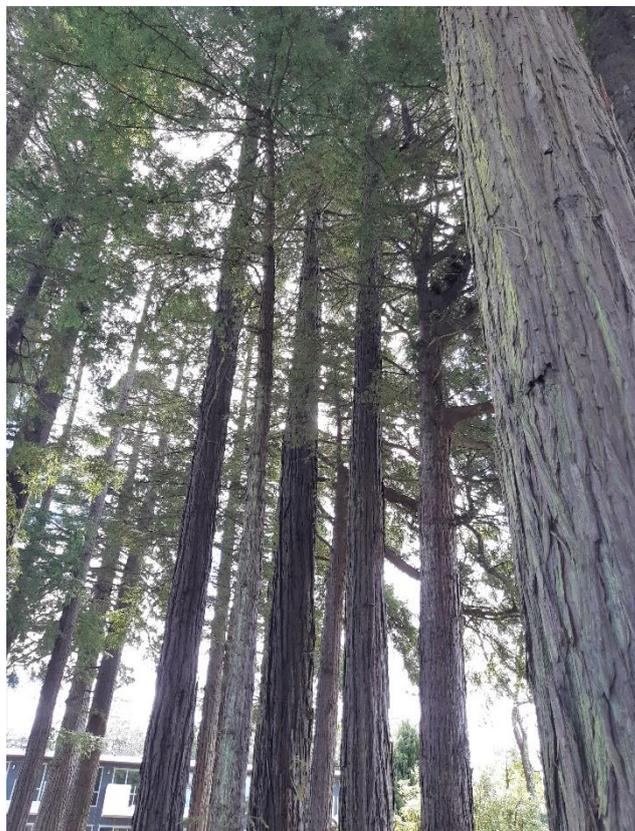


Figure 1: Showing heavy limbs over crescent.

Health is good; with 85% live crown ratio, normal foliage density and needle size. Foliage colour appeared to be normal with no sign of chlorotic or necrotic. Annual shoot growth is acceptable and vigour good.

Wound wood development is fair to average. These trees have recently had a crown lift which has let more light into the copse and onto neighbouring properties



Figure 2: Showing the effects of the crown lift.

A new fence has been built at the north end of the copse. Significant damage has been done to the roots of the largest tree which needs further examination (already scheduled). Two Tarata and a pohutukawa have been severely pruned and will need remedial care next year.



Figure 3: Showing damaged roots.



Figure 4: Showing damaged Tarata.



Figure 4: Showing damaged Pohutukawa

Hazards: The damage to the roots of the largest tree in this copse could severely compromise the health and stability of this tree and lead to death or catastrophic failure of this tree. It is important that the agreed works to assess and mitigate any damage proceed as planned.

Summary:

The Redwood trees at the above address are generally of good health and sound form. There were no evident signs of disease or structural defects within the crowns which would be a cause of concern during a storm. The ongoing monitoring of these large trees on an annual basis is recommended.

The root zone has mostly been maintained by natural needle fall, however a generous layer of mulch on bare areas would significantly increase root health and tree vigour. This would also assist the trees ability to adapt to drier summers.

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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. Treeskills can advise on the suitable frequency of these inspections.