

This document is designed to help you consider the fire risk associated with your subdivision proposal. Kaipara District Council may impose conditions on a resource consent to ensure sufficient firefighting water supply is available.

Risk can be managed by measures that make it less likely that something will happen, or that will reduce the effects from a fire (or both). The potential consequences of a fire include damage or destruction to: - property and life, surrounding natural and built environments, the social fabric of affected communities, and the local economy.

Below is a check list that may be used to identify potential fire risk.

An applicant may wish to contact Fire and Emergency New Zealand for assistance with regards to an assessment of fire risk in relation to subdivision, or for specific feedback relating to building matters. <https://fireandemergency.nz/contact-us/>

A. Location and distance away from nearest fire station

Is the subdivision site more than 15km away from a fire station?

Yes No

B. Building platform(s) location in landform

Note: Fire burns uphill at a faster rate. For every 10 degrees rise the rate of spread doubles. For slopes of 20 degrees the rate of spread is 4 times faster¹

Is there a moderate to steep slope (more than 10°) below the building platform?

Yes No

If Yes, please detail proposed mitigation measures.

¹ SCION - Manual Predicting Fire Behaviour in NZ fuels. Second edition.

C. Accessibility of firefighting water supply

Is there difficult or uneven terrain between firefighting water supply and building platform(s)?

Yes No

If Yes, please detail proposed mitigation measures [▲](#)

D. Groundcover (eg grass, weeds) near building platform(s)

Is groundcover uncontrolled or rank?

Yes No

If Yes, please detail proposed mitigation measures [▲](#)

E. Existing or proposed vegetation layout within 10m of identified building platform

Note: Airborne embers can travel up to 2.0km ahead of a wildfire. The risk that embers can start a fire that threatens a home can be reduced by establishing and maintaining a 10m safety zone around it, reducing fuels and using 'fire-safe' landscaping is particularly important in this 10m safety zone (Zone 1).

Are there dense, unmodified trees and shrubs within 10m of building platform(s)?

Yes No

If Yes, please detail proposed mitigation measures [▲](#)

F. Vegetation layout within 30m of identified building platform

Are there dense, unmodified trees and shrubs within 30m of building platform(s)?

- Yes No

If Yes, please detail proposed mitigation measures.

G. Existing or proposed vegetation species

Is there a prevalence of existing or proposed flammable species (eg manuka, kanuka)?

- Yes No

If Yes, please detail proposed mitigation measures.

H. Power lines and other utility infrastructure

Are there existing or proposed overhead power lines close to vegetation?

- Yes No

If Yes, please detail proposed mitigation measures.



I. Seasonal and weather conditions

Does the prevailing wind blow from low to high ground?

Yes No

If Yes, please detail proposed mitigation measures [↘](#)

J. Fire history in the area

Note: wildfire poses an increased risk to people and buildings in some areas due to high vegetation fuel hazard and fire spread potential. Physical/environmental factors to consider as part of the fire history include:

- vegetation/fuel types;
- fire climate severity; - slope steepness;
- other topographic factors (e.g. slope position, aspect);
- fuel loads and fire spread potential

Is there a history of emergency fire call outs within 20 mins or 15km of the site?

Yes No

If Yes, please detail proposed mitigation measures [↘](#)

Below is the link to the Maps on the Kaipara District Council Website

<https://www.kaipara.govt.nz/services/district-plans/operative-district-plan/district-plan-index/#Maps>

If you have answered YES to any of these questions but have not demonstrated satisfactorily that you can not mitigate the risks, you will need to reconsider supplying sufficient firefighting water.

Kaipara District Council staff are available to discuss this assessment prior to undertaking it or on completion should you have any further queries. Thank you for your cooperation.

Phone: 0800 727 059 **Email:** council@kaipara.govt.nz

