

**Manawātū District Council District Plan Review**

Draft Plan Change A: Rural and Flood Channel Review

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# Review of Flood Hazard Areas

The Manawātū District Council has prepared Draft Plan Change A: Rural and Flood Channel Review (PCA) to the Manawātū District Plan which includes a new approach to managing flood risk in the district.

The Council has reviewed the existing extent of areas subject to flooding to determine where our current flood hazards are. This information has been informed by the current flood hazard modelling by Horizons Regional Council and where flood models don't exist, local technical knowledge. The extent of recent flooding has also been reviewed.

**How are we managing flood risk?**

The guiding principle to define hazard areas in the Manawātū District is whether a flood hazard poses a risk to the safety of people. Council has used the Australian Rainfall and Runoff (ARR) Guidelines, to determine two different areas:

**Flood Hazard Avoidance Overlay**

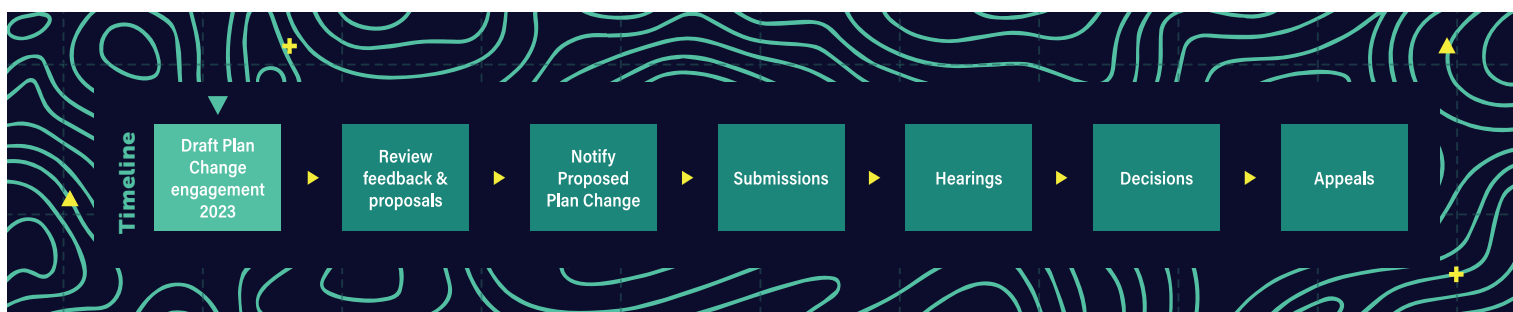
Covers those areas where:	The draft new definition for this area is:
Water can be deep and flows more quickly where the risk to human health and safety is high.	Any area that would be inundated by floodwaters deeper than 0.5 m (metres), or where floodwater would flow at a velocity greater than 2.0 m/s (metres per second), or where the product of flood depth multiplied by velocity is greater than 0.6 m <sup>2</sup> /s (metres squared per second).

**Flood Hazard Mitigation Overlay**

Covers those areas where:	The draft new definition for this area is:
The depth is greater than a nuisance level and the risk to human health and safety is lower.	Any area that would be inundated by flood waters deeper than 0.1 m (metres) but less than 0.5 m and where flood water would flow at a velocity less than 2 m/s (metres per second), and where the product of flood depth multiplied by velocity is less than or equal to 0.6 m <sup>2</sup> /s (metres squared per second).

A third overlay covers the floodways in the district that are listed in the Horizons One Plan in Schedule J - Floodways. These are areas with high risk from flood events and include the Taonui Basin, Kopane Spillway and Reid Line Spillway.

As part of PCA, the above Flood Hazard Overlays will replace the Flood Channel 1 and 2 Zones.

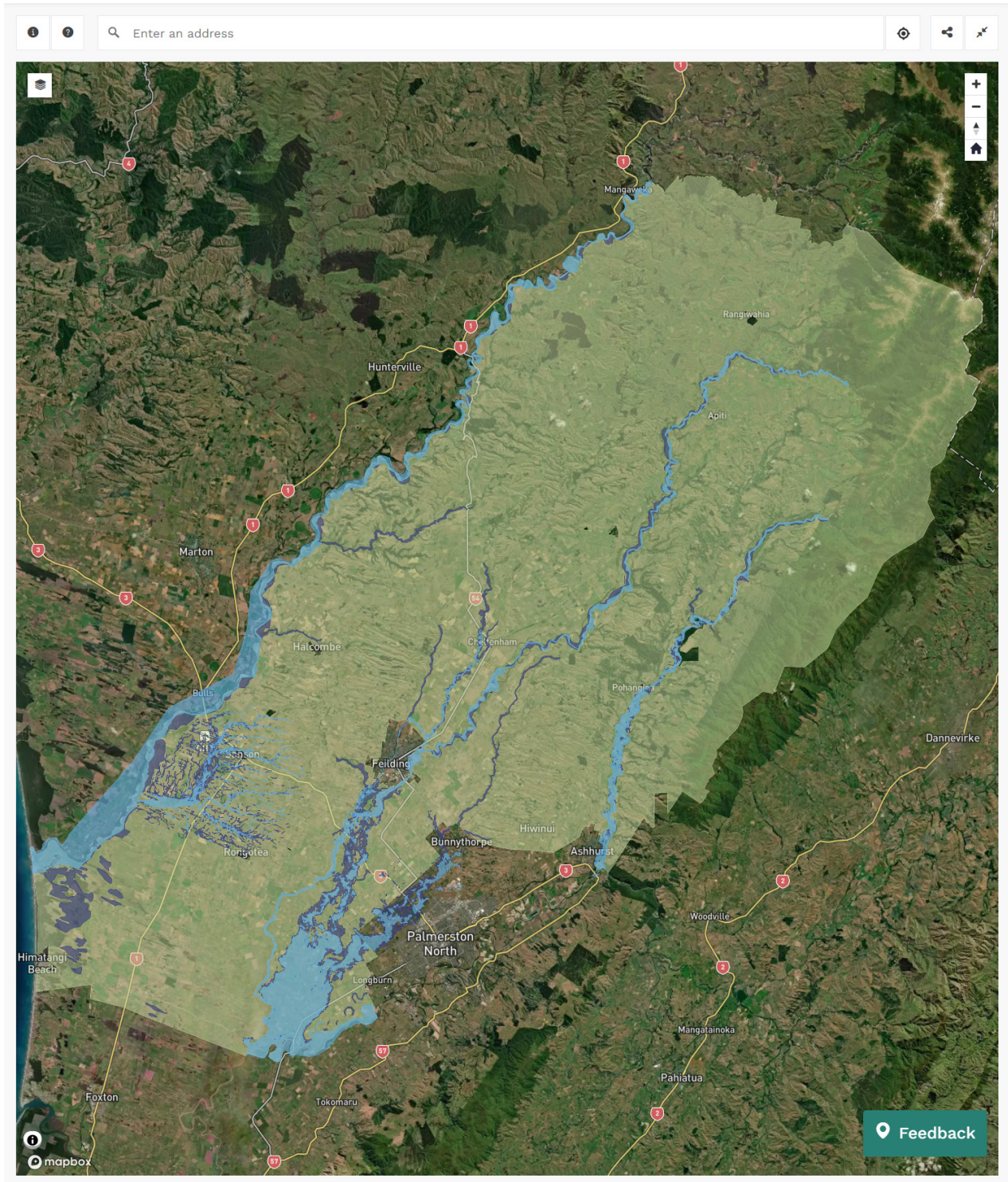


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### Draft Plan Change A: Rural and Flood Channel Review

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The following map shows the extent of the flood hazard overlays in the District.



Timeline

Draft Plan  
Change  
engagement  
2023

Review  
feedback &  
proposals

Notify  
Proposed  
Plan Change

Submissions

Hearings

Decisions

Appeals



Add map showing extent (similar to appendix in chapter)

Each overlay will have planning rules that restrict activities based on whether the activity is either:

Hazard Sensitive Activities	Means residential units, minor residential units, education facilities, emergency services facilities, medical and health facilities, marae, retirement villages, places of worship, visitor accommodation, community facilities and buildings for intensive indoor and outdoor farming.
Less Hazard Sensitive Activities	means buildings for non habitable use such as garages, accessory buildings, farm buildings (excluding intensive farming), boarding, breeding and training kennels. Also includes activities and structures at parks and temporary activities.

The provisions for each Flood Hazard Overlay provisions override any provisions identified in the underlying zone.

## How does this approach change from the existing District Plan?

Activity	Existing District Plan	Draft PCA	
		Flood Hazard Avoidance & Floodways overlays	Flood Hazard Mitigation Overlay
Farming	Permitted	Permitted	Permitted
Farm buildings	Controlled	Non-complying	Permitted subject to distances from other buildings
New houses	Discretionary Activity (Flood Channel 2 only)	Non-Complying	Non-Complying
Extensions to existing houses or Hazard Sensitive Activities	Non-Complying	Restricted Activity where addition is no more than 20% Greater addition size is Non-Complying	Restricted Activity where addition is no more than 20% Addition greater than 20% is Non-Complying
Extensions to other buildings	Non-Complying	Discretionary	Permitted subject to conditions otherwise discretionary
Flood protection works	Non-Complying	Permitted where done on behalf of Council Non-Complying where not done on behalf of Council	Permitted where done on behalf of Council Non-Complying where not done on behalf of Council

## How to provide comments

To view the new draft chapters, maps for the flood hazard overlays, or to read the other fact sheets about the draft plan change, visit the Council's website: [mdc.govt.nz/dpreview](https://mdc.govt.nz/dpreview) or [scan the QR code](#)

Comments on the new draft chapters for PCA close on **4pm 17 November 2023** and can be emailed to the Council at: [districtplanreview@mdc.govt.nz](mailto:districtplanreview@mdc.govt.nz)

Additional Information on regional flood hazards is publicly available here: [www.horizons.govt.nz/flood-emergency-management/flood-plain-mapping](https://www.horizons.govt.nz/flood-emergency-management/flood-plain-mapping)



Scan me

