

## **Pines /kairaki beach Red Zone**

The following my submission concerning the future development of the Pines/Kairaki beach Red zone. My submission is written from the perceptive of a former permanent resident of the Kairaki Beach motor camp and the Waimakariri District.

I believe that the combination of land damage from the earthquakes, the subsequent risk of a flooding and the forecasts of rising sea levels in the coming decades, should exclude the construction of permanent structures in the Pines /kairaki beach Red Zone. Since any permanent structures would have to be build to a design that mitigates the risk of earthquakes, flooding and projected rising sea levels both the engineering design of the structures and the cost to the builder would be considerable. Note the cost of any permanent structure would have to include the cost of repairing the land damage on site in question.

Community gardens offer the opportunity for people to learn new skills , share gardening expertise meet new people and take part in there local community . Additional benefits include people becoming self reliant by the fact they are growing there own fruit and vegetables. People also gain the opportunity to to have access to a garden that they may not otherwise have due to there living circumstances.

Walkways and mountain bike trails would fit into the existing area usages and would only require only minor changes to the landscape . Additionally native flora would provide both a scenic benefit and may offer the possibility of helping to prevent erosion.

The ability for people to utilise these varying amenities without disruption would be depended upon good planning and allowances being made for adequate fencing to be erected around the areas zoned for community gardens.

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