

Mohaka

Setting

The Mohaka community is set on the crest of the hills adjacent the Mohaka river. The coastal cliffs are fronted by a broad gravel barrier beach that extends across the river mouth. Significant shoreline modification can occur due to river and coastal processes.

The entire beach system is susceptible to coastal hazards due to interaction with the river system.



Coastal hazards and setbacks are controlled by the cliff coast set backs.

Hazard Description		Potential Risk		
		Likelihood	Consequence	Risk
Total Cliff Erosion Zone width	300 m	Unlikely	Moderate	Moderate
Sea Inundation level (CERZ)	15.9m	Possible	Minor	Moderate
Sea Inundation level landward of CERZ	13.9 m	Likely	Insignificant	Moderate
		Certain	Insignificant	Moderate

Uncertainties

Inferred trends due to no local data

Uncertainties over future climate change impacts

Recommendations

- Ensure adequate planning responses to address potential hazards
- New development within erosion zone subject to satisfactory site specific assessments
- No further modification of land designation permitted within hazard zones without site specific assessment
- Monitor shoreline change