

Tangoio

Setting

Tangoio is a traditional fishing settlement at the northern end of the gravel barrier beach system that extends from the Ahuriri Lagoon to Tangoio Bluff.

The existing development is situated within the unformed road reserve and is subject to erosion and inundation risks. Wave climate is moderately high due to exposure to southerly swells.



Shoreline trends are inferred from profile HB22 to HB23.

Hazard Description		Potential Risk		
CERZ	64 m to 94 m	Likelihood	Consequence	Risk
ERZ 2060	7 m to 11 m	Unlikely	Major	High
ERZ 2100	11 m to 13 m	Possible	Major	Extreme
Total Erosion Zone width	118 m to 121 m	Likely	Major	Extreme
Sea Inundation level (CERZ)	15.5 m	Certain	Major	Extreme
Sea Inundation level landward of CERZ	13.8 m			

Uncertainties

Uncertainties over future climate change impacts

Recommendations

- No new council infrastructure or new private development to be located within the CERZ
- Implement long term managed retreat of existing bach development
- All new private development within remaining Erosion Hazard Zone to be relocatable and above inundation levels.
- No further modification of land designation permitted in currently non-residential zoned land within hazard zones
- Monitor shoreline change

LEGEND

- BM11 Benchmarks
- Coastline
- Current Erosion Risk Zone
- - - Erosion Risk Zone 2060
- - - Erosion Risk Zone 2100
- ⋯ River Mouth
- CRS Property Boundaries
- - - Industrial /Residential Areas

SCALE 1: 10,000

0 100 200 300 400 500 (m)



Notes: 1. Coastal property boundaries supplied by HBRC (DCDB)
 2. Aerial photos\Topomaps sourced from Land Information New Zealand Data, Crown Copyright Reserved

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APPROVED		
CADFILE : L:\205 14\205 14-F7		
SCALES (AT A4 SIZE)		
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PROJECT No.	205 14	

HAWKES BAY REGIONAL COUNCIL
 REGIONAL COASTAL HAZARD ASSESSMENT
 HAZARD ZONE DEFINITIONS
 Tangoio

FIG. No. **Figure 7.25**

REV. **1**