



Notes and Actions

Thames-Coromandel Shoreline Management Plans

Meeting Four (M4)

Hazards information & Vulnerability Assessment

South East

Time:	9.00am – 11.20am
Date:	19 Feb 2021
Venue:	MS Teams Online TCDC Whangamata – Board Room
Chairperson:	Amon Martin
Attendees Online:	TCDC: Amon Martin (AM), Monique Jenkinson (MJ) RHDHV - Sian John (SJ) Panel Members: Jean McCann, Christina Needham, Sharon Harvey Community Board Member: Chris New TCDC Councilor Observers: Tony Fox
Attendees:	TCDC: Jamie Boyle Panel Members: Paul Shanks, Matthew Purdon, Bob Renton, Callum Stewart
Apologies:	Victoria Spence, Eleanor Haughey , Kerry Gibb Community Board Members: Tamzin Lettelle, Barry Swindles, Dave Ryan

Meeting Objectives

1. Panellists to reflect on the coastal hazards affecting the Coastal Panel Area and the consequences of the risks.
1. Panellists to consider risk acceptability thresholds.

Agenda Items

1. Introduction

- AM chaired the online MS Teams meeting on behalf of Graeme, welcomed the attendees and opened the meeting.
- Actions from previous meetings were reviewed:
One Outstanding Action: Hazard maps to be made available online. [Project Office Complete](#)

2. Feedback from last meeting and further refinement:

OBJECTIVES/VALUES:

Overarching Principles to be set out more clearly in conjunction with the Project Objectives and Project Timeline, eg. participation of the community, seeking funding solutions, monitoring, etc.

Principles should acknowledge evidence-based approach; and 'recognition of the customary rights of iwi' is not strong enough.

Objectives need to use more common language or define what is meant by 'adverse effects', 'climate change', 'intrinsic value', 'amenity values', 'manage access' etc. May need to elaborate based on the specific areas and tie into the values more (eg. avoid increasing risk, what does this mean we should elaborate on this also). Perhaps there needs to be further values/objectives for each management area. Suggested objective No. 7 should be standalone.

Valued assets include wastewater treatment plants, sewage works, urupa/graveyards, and coastal landfills.

3. Hazard maps

Hazard Maps for each management area were viewed and discussed.

Base maps are from 2012. Cadastre needs to be used to provide information on recent assets (e.g. Whangapoua and Coromandel).

Sensitivity needs to take account of floor levels (i.e. many new developments, such as the waterways, have raised floor levels - but the issue will be access).

Need to understand the frequency of flooding, whether it is temporary or more permanent, incremental SLR would help with understanding this risk.

Timeline of storm events for the east coast to be sought.

4. Defining risk acceptability – when is enough, enough?

Further information on the predicted increase in the frequency of flooding (e.g. how frequent will 1 in 20-year events become).

Areas at risk with 20-30cm of SLR, results due from the NZ SeaRise Project).

Additional areas of interest:

- Perhaps liquefaction of the sand spit leading to Paku cutting of residents.
- Wider issues in Tairua, **access** through north and south may be compromised. NZTA will need to investigate and allow for these issues for **access, transport**.
- Interaction between coastal flooding and Graham's creek flooding, will this increase any risk?
- Bigger picture implications for access/transport
- Not permanent static level, and this may only be temporary so not a complete risk
- Hikuai flooding from river is big issue also, combination is worse than maps currently show
- Need to understand the frequency of flooding, whether it is temporary or more permanent, incremental SLR would help with understanding this risk.
- Pauanui **access** cut off at Hikuai and near lakes resort
- Reclaimed land Papamari island access issue
- Houses 1m under water around Beach Rd - Whangamata, around 4 years ago
- Well known issues along Beach Rd, minimum floor levels as part of construction requirements
- Groundwater issues with SLR at the southern end of Whangamata, problem when it rains. Perhaps the need for specific groundwater modelling at areas where we know there are current issues - e.g. Mum's corner (where diary is, and former wetland).
- Need to think about how renourishment or seaward accretion of the beach may affect the system as a whole.
- Funding for issue areas a big factor, NZTA need to be on board
- Access one of the biggest issue, do we pour all funding into making this a priority? Need to consider resilience with respect to risky events, one main road in and out (mostly) this means there is a very low resilience.
- Big responsibility here in terms of personal and community risk (with inundation)
- How do we pay to mitigate the issues talked about today? Rate revenue may job as a result (with coastal fringe properties specifically) along coastal margins and does that mean that everyone else takes up the slack?
- Essentially that NZTA is involved, their views, where they are at, same with WRC. Can't ignore the access problem
- Potential combined effects or erosion and inundation (i.e. breach) at the southern end of Tairua Beach.
- Groundwater issues in Whangamata (southern end).

5. Reflections and close

Overall a better understanding of the predicted risks and responsibilities.

Actions arising:

Send a simple written explanation to the Coastal Panels on how to gain access to the MS Teams shared data folder. **Action: MJ - Complete,**

Share the details of the MS Teams shared data folder with participating Council observers. **Action: MJ**

Overarching Principles to be set out more clearly in conjunction with the Project Objectives and Project Timeline (e.g. participation of the community, seeking funding solutions, monitoring, etc.). Action: SJ

Principles should acknowledge evidence-based approach; and 'recognition of the customary rights of iwi' is not strong enough. Action: SJ

Objectives - 2 and 5 "remedy, mitigate or avoid" adverse effects; 3 "as far as practical"; "regeneration" of the coastal environment/environmental principles; "data insights"/science; 5, 6 and 7 are all about not increasing risk, needing to be wiser - wrap these together (avoid risk by what to whom?). Action: SJ

Need to use more common language or define what is meant by 'adverse effects', 'climate change', 'intrinsic value', 'amenity values', 'manage access' etc. Action: SJ

Timeline of storm events for the east coast sought. Action: JB/WRC,

Invite the NZTA and WRC to join the next Coastal Panel meetings. Action: Project Office

Meeting closed 11.20am

Date for next meeting (M5): Date, time & location to be advised in due course