



Draft Minutes Coromandel

SMP Coastal Panel Meeting 10: Setting Thresholds and Triggers

Times & Dates:	Coromandel to Kennedy Bay 9:30-12:30pm Monday 17/01/22
Venues:	Coromandel Council Office Board Room or MS Teams
Chairperson:	Coastal Panel Chair: Jan Autumn
Attendees:	TCDC - Amon Martin, Karen Moffatt-McLeod (Via MS Teams) SMP Consultant (Royal HaskoningDHV) – Sian John, Nick Lewis (Via MS Teams) Coastal Panel Members: Neville Cameron, Dave Currie, Mike Donoghue WRC: Alejandro Cifuentes
Apologies:	Dean Jenkins, Stephanie Palmer, Nicole Ward, Kate James, Jamie Boyle (TCDC), Kim Brett
Observers:	Tony Fox, Martin Rodley (via MS Teams),

Meeting Objective

- To set proposed thresholds and triggers for Policy Unit adaptation pathways

Agenda Items

1. Introduction (see Meeting Objective)
2. Progress:
 - a. Minutes of Meeting 9 (November 2021).
Chair Moved Minutes from November meeting be accepted - carried
 - b. Review of Actions (see Page 2).

#13 – presentation will go through climate action committee on 10th March – report written by WRC – in progress

#30 - completed

#33 - updated and on agenda for today

#34 – impact on Kennedy Bay – fluvial and coastal flooding combination – in progress, some work done. NL extra piece of work on Kennedy Bay is now drafted, would be good if someone who knows the area very well can offer information on the flooding. (Stephanie, Margaret Harrison (TCDC) would be good to contact). Looked at river flooding, foreshore erosion within the estuary, breaching of the spit, hazard of spit re-forming.

#39 - completed

#40 – still to come

#41 – Waka Kotahi have made some progress, gathered data, will report back – no timeframes yet. Will invite David Grieg to next meeting to give update to the panel. JA would like specific info on the area around Te Kouma, Tiki Road, Koromiko area (northern end of Preece's Point).

#42 – Updated and included in report

#43 – Not progressed yet – but looking at using online tool a bit more widely.

- c. **Geotechnical (slope & Cliff instability) Risk Assessment.** Looked several factors including Tsunami & fluvial flooding but focused on slopes & cliffs – on the coastal zone.

NL – presentation:

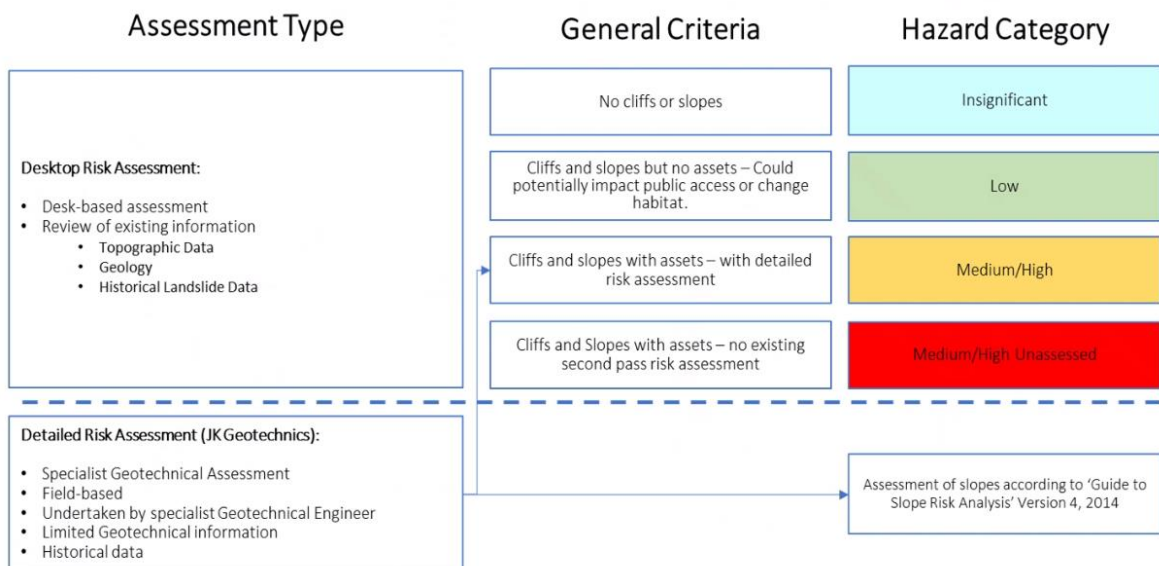
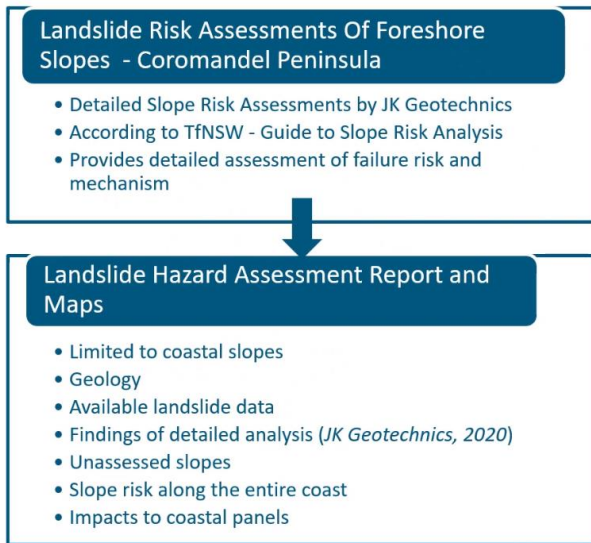
Assessment Purpose – Why was this required?

- The purpose of this assessment was to provide:
 - A high-level assessment of the risk of slope failure and consequences along the entire Coromandel Coastline
 - Detailed assessments of select high risk sections near coastal infrastructure



- Why is this important?
 - Allows risks to be effectively managed
 - Allows Council and the Community to reduce:
 - Impacts to public infrastructure (roads)
 - Impacts to accessibility of remote communities
 - Risks to road safety
 - Enabling appropriate control measures to be developed
 - Identifying areas of high risk

Assessment Scope



Categorised rather than put AEP's on them as they tend to be more ad hoc events.

Have mapped the whole Peninsula – today will focus on this Coastal Panel area.

Coromandel to Kennedy Bay

Description

- A range in geological conditions, with some unassessed slopes.
- Significant spans of sparsely populated cliffs and slopes to the north
- SH25 and other local roads primary asset

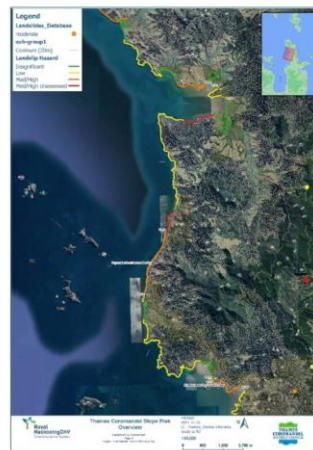
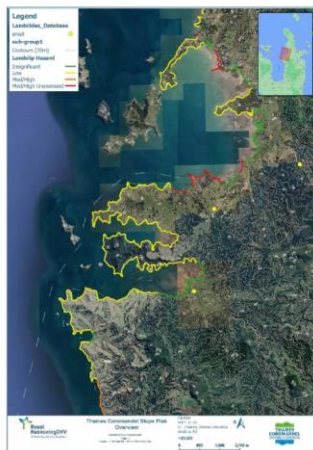
Assessed Risks

- Several sections of medium to high risk of failure along the entire coastal panel
- High risk of rockfalls at sections of road (e.g. between Papaaroa Beach and Amodeo Bay)
- Some slopes without detailed assessments at Te Kouma

Additional Data

- Few mapped landslides along the coastline

Coromandel to Kennedy Bay



JA – when areas are being identified that are at risk, how are you doing this?

NL – high level desk-based approach, rule out areas with no hazards, no cliffs, no assets or population. Then a Geo Tech engineer has physically looked at the areas that do have assets/populations etc and done an assessment and coupled that with known data.

JA – area near Papa Aroha which is an area of concern. Gabion baskets were installed, but a slip has pushed these out causing some issues.

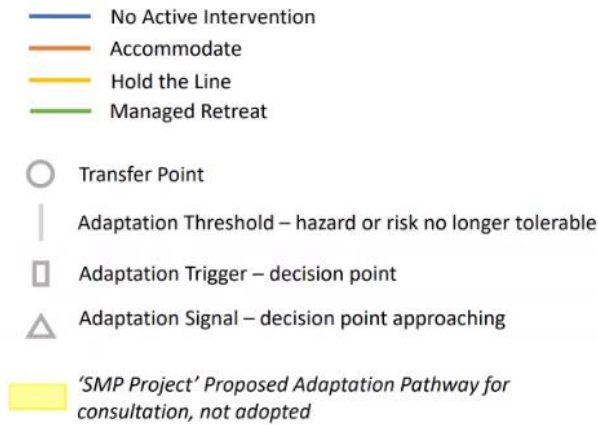
AM – could there be an impact on the pathways?

NL – has not raised anything that was not known for the pathways.

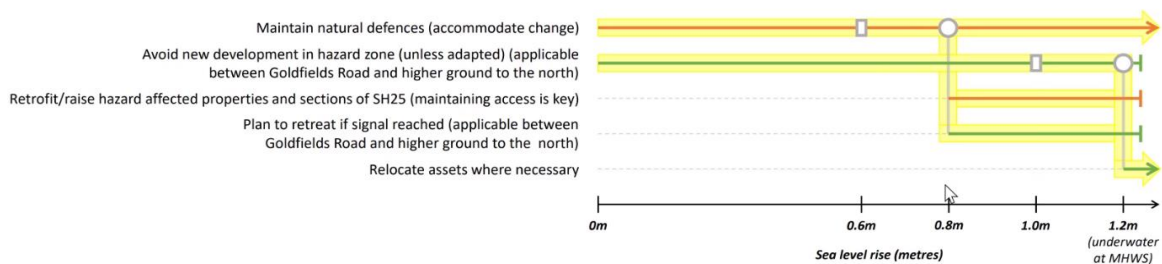
NL – Draft report is available now – NL will send to AM/JB

3. Review of updated Adaptation Pathways, Thresholds and Triggers.

In November 2021 we started to look at the thresholds & triggers. Did four PU's for consideration first, got feedback from Coastal Panel on those and then looked at all the other PU's and made suggestions based on the CP feedback on the initial 4 PU's. Signal can be worked out based on the signs from the thresholds & triggers.



PU #22 – Mania Harbour



This will be fed into the District Plan.

This plan will be put to Council this year (2022) and hopefully will be adopted.

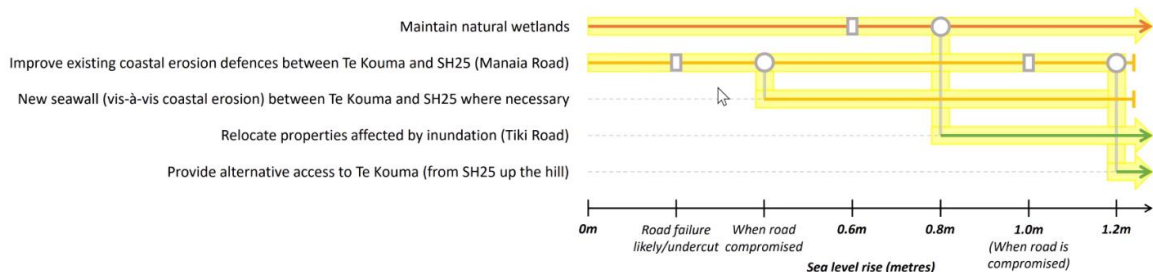
Threshold & transfer point similar/same thing. Trigger is when you plan – you don't want to get to the threshold point.

Need to talk to Insurance Council or directly to Insurers. Try to get information on insurance retreat for specific areas.

AC – sustainable infra-structure strategy, section 1 of 6 of the RMA – DC can refuse to grant consents based on risks. DC will use this information to identify these areas with a specific level of risk.

If the risk becomes intolerable then it becomes a primary hazard and would require plan changes of the district/region.

PU 26 – Te Kouma to Preece Point



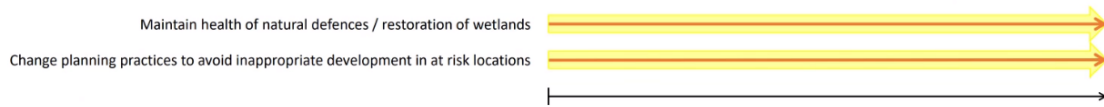
Existing wetlands will roll back

May be difficulties with landowners adjoining the wetlands made want to put in bunds.

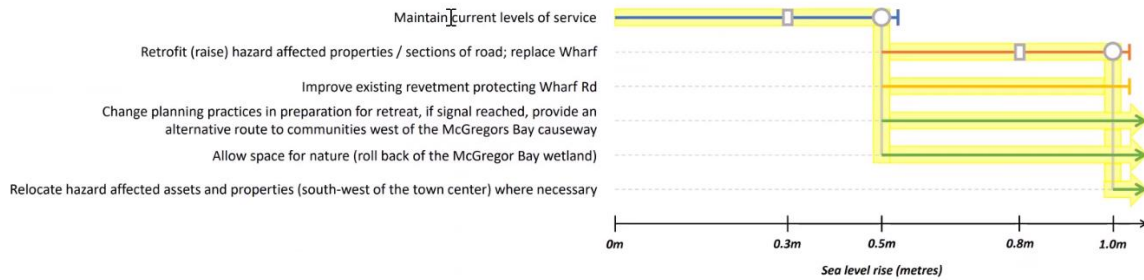
SL – these would need to be consented, and if a 'no action' was the recommendation, they are unlikely to be.

MD - Sugarloaf development – if this work was done 2 years ago, if that would have impacted the decisions about that development.
 AM – through this process it shows that area can be defended for possibly 70-80 years.
 SJ – FPRA also looked at Tsunami risk as well. Wrap up may need to put these risk areas as a warning (as a reminder)

PU#28 – Coromandel (Tiki Road)



PU#29 Wharf Rd, Coromandel



JA - Specifically places this side of wetland, near garage/shed – water is reaching top of seawall regularly already.

MD – what happens when old rubbish dump goes underwater?

SJ – generally you would want to defend it

JA – edge of estuary – already starting to leech – only lightly filled over. Wall built is not working.

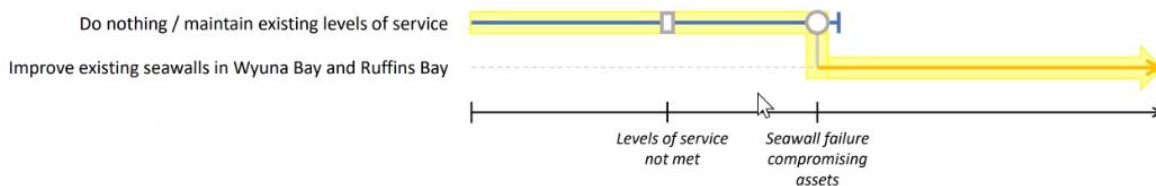
MD – seepage around Jack’s Point Boat Ramp.

NC – around the wharf – a lot of mullock from the mines which may need to be looked at

SJ – re-look at this pathway about that.

PU#30 Wyuna Bay

Access will be affected by whatever happens in previous PU



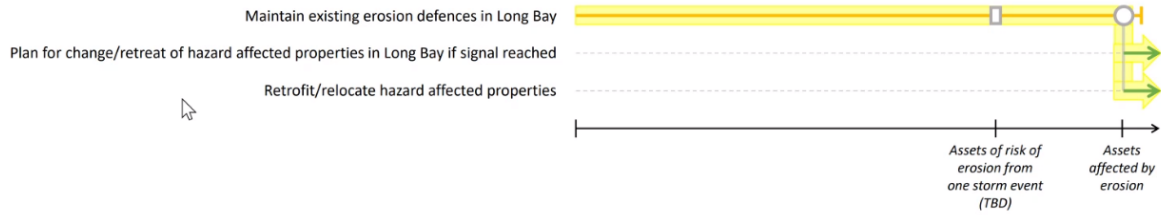
NC – low lying area is subject to hazardous ground water from people’s septic tanks.

MD – a lot of development over last few years, when the natural vegetation is removed and replaced with other plants structures, you are reducing the natural defences.

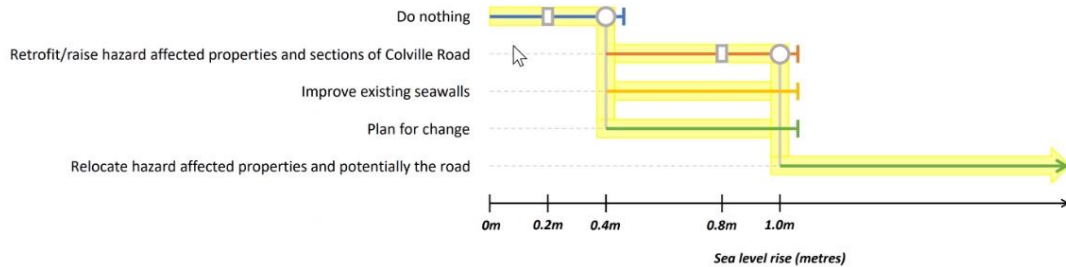
AC – anyone from the council been looking at the leech from the septic tanks?

NC – plumber who lives there became ill, water was analysed, but don’t think anything has been done.

PU#31 – Wyuna Bay to Kikowhakarere Bay



PU#32 Kikowhakarere Bay

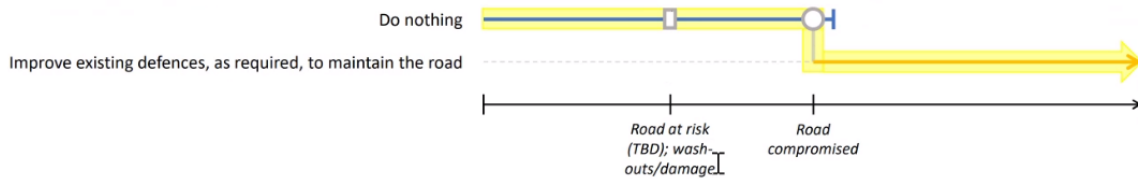


MD – when you get to a very low trigger point like here, 0.2m how is this arrived at?

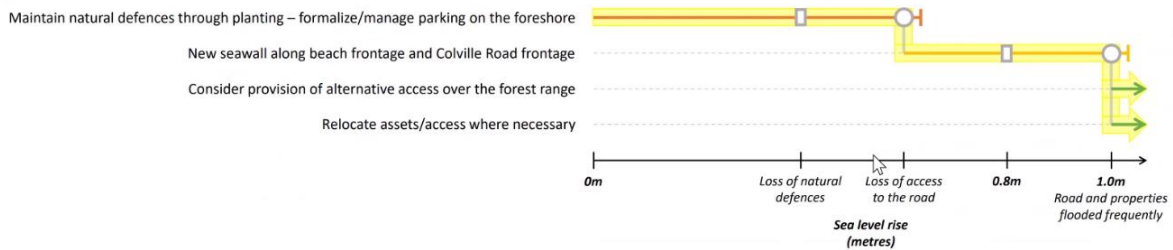
SJ/AM – localised tide gauges assist in this – if nothing specific to this area, may need to use data from a wider area.

DC – land movement would also have an affect on this when the trigger point is so low.

PU#33 - Kikowhakarere Bay (Colville)



PU#34 Oamaru Bay



AM – going from 0.8 – 1m is that enough time to take action before threshold is reached?

SJ – at the moment 0.2 may be decades

MC – maintaining natural defences – what do you have in mind?

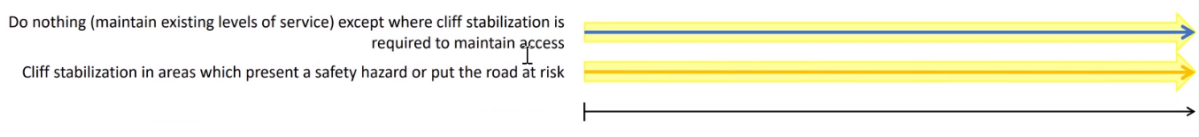
SJ – natural planting along the beach front

MC – there are quite a lot of Pohutukawa's – 2 big storm events a year chew away a couple of metres. One of the most popular beaches on the west coast. Agree you should be planting, but not sure what should be planted.

NC – one of the weak spots on the whole road, if this was unusable, everything north would have to go through Kennedy.

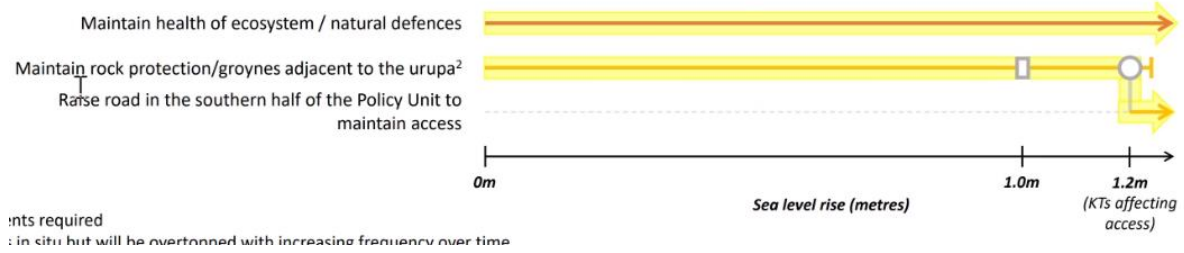
JA – boat trailers being backed in and hanging over are contributing to the erosion

PU#35 Golden Bay



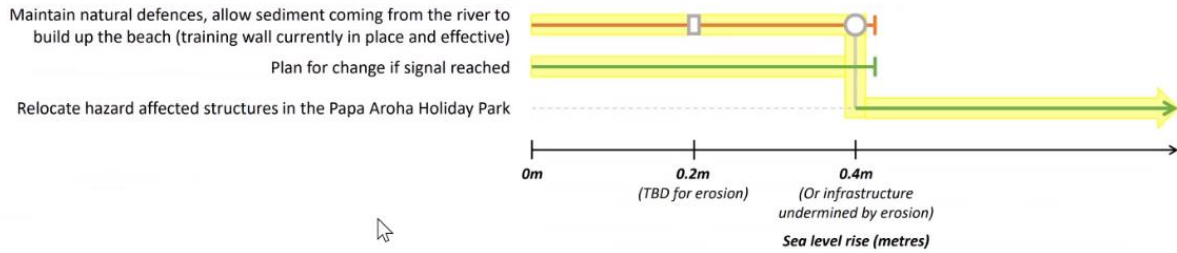
PU#36 Koputauaki Bay

Adaptation Options for Koputauaki Bay¹

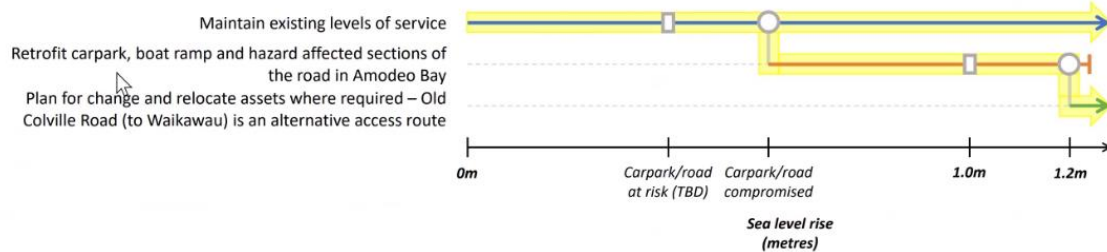


This area needs targeted consultation as well

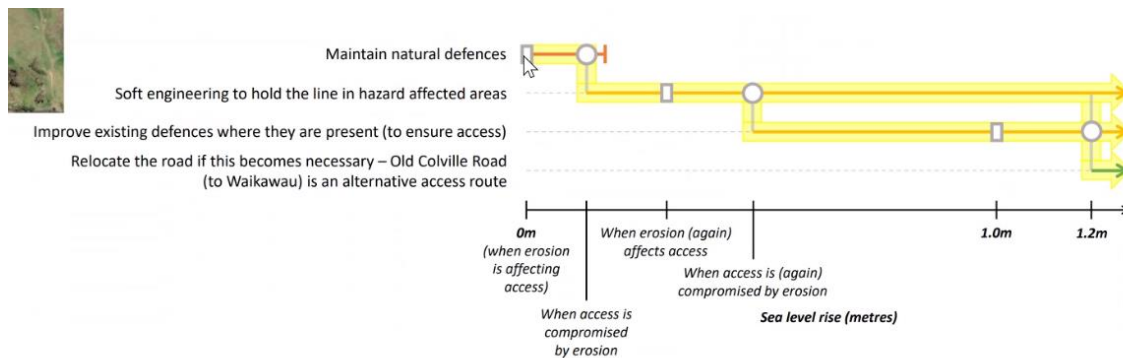
PU#38 Papa Aroha



PU#39 Papa Aroha to Waitete



PU#40 Waitete Bay

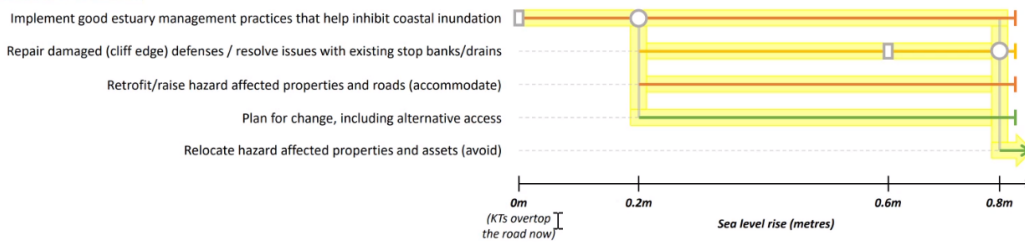


Trigger is now for erosion affecting access

MD – Forest & Bird are doing a planting exercise and traffic program there. There are some big ugly old pine trees that should go, but would they be better left to assist with preventing erosion?

Recurring issues around peninsula with beachfront property owners not wanting tree planting as block views

PU#44 & 45 Coville Estuary and Bay



Wasn't a lot of support to defend Colville from the public consultations. Maybe caution as issues with existing bunds trapping water behind (WRC issue).

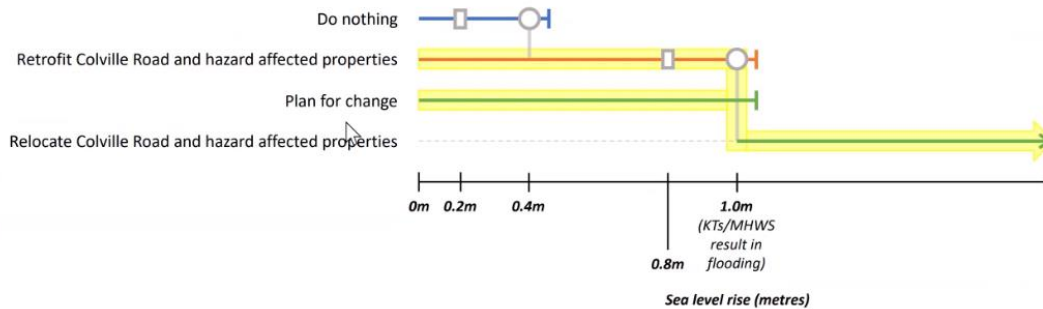
Trigger is now for some issues in this PU

JA – issues around school area – needs something sooner than the trigger indicated.

AM – need to think and plan for school much sooner than other parts of Colville – erosion & inundation issues

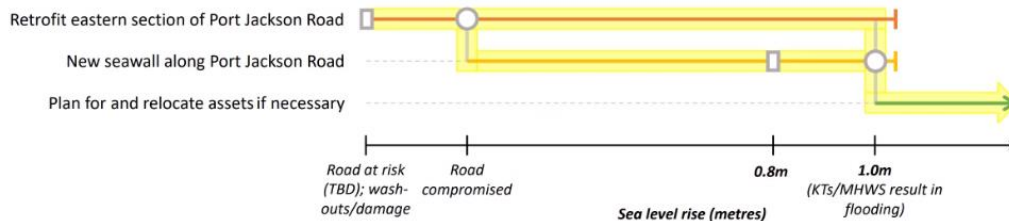
SJ – split this and deal with school on a different trigger

PU#47& 48 Whangaahei Bay

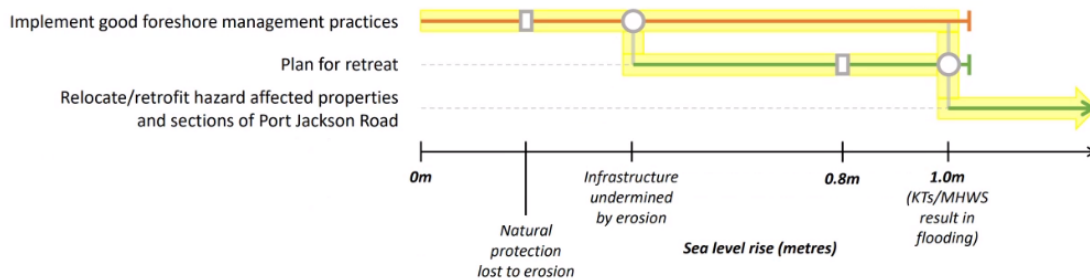


NC – suggest raise the road

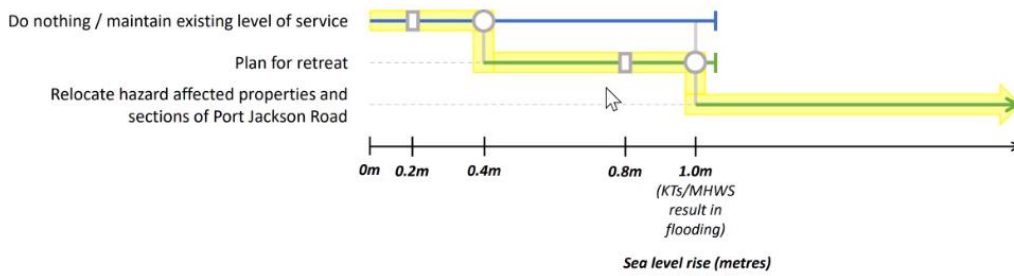
PU# 49 & 50 Whangaahei Bay to Otautu Bay (Port Jackson Rd)



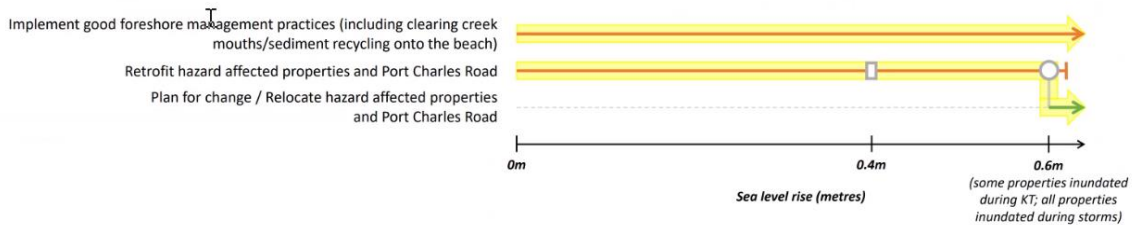
PU#51 Otautu Bay



PU#53 & 54 Waiaro to Goat Bay



PU#59 Sandy Bay

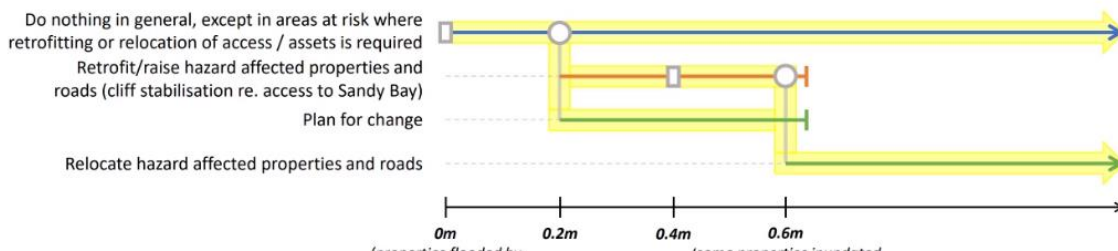


Some actions need to happen now

NC – would a flood gate be appropriate?

SJ – problem you have two access points, and need to allow the stream to flow out

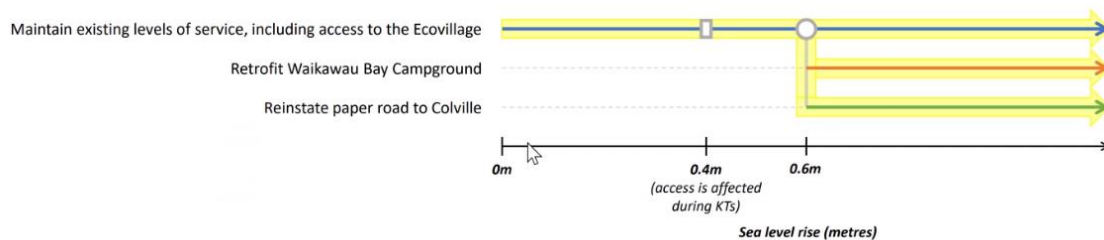
PU#60 Port Charles



First trigger has already happened – need to take action

NC – flooding from the Tsunami about 10 years ago. High risk Tsunami area

PU#63 Waikawau Bay

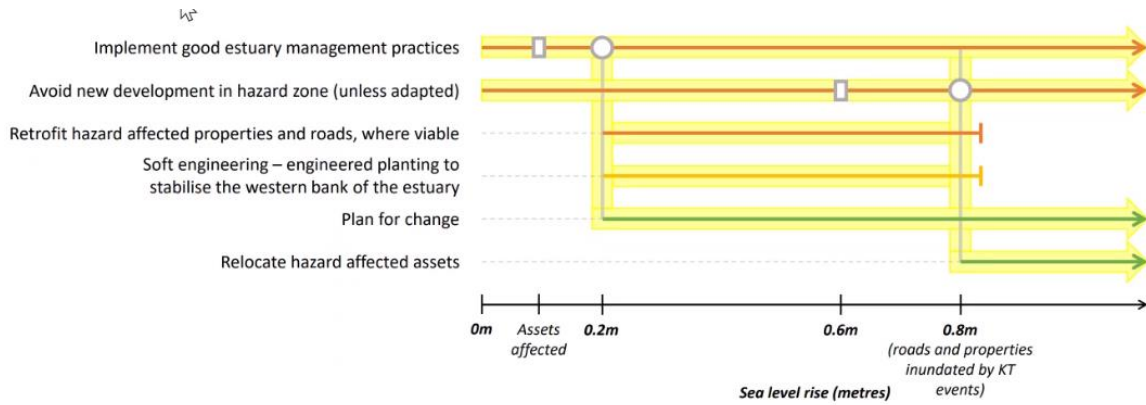


NC- camp site administered by DOC – will council be talking to DOC about the plan?

AM – talking to them and updating them on what is happening. Until you get to this kind of picture that you have something substantial to show them. Meeting with Nick Kelly next week.

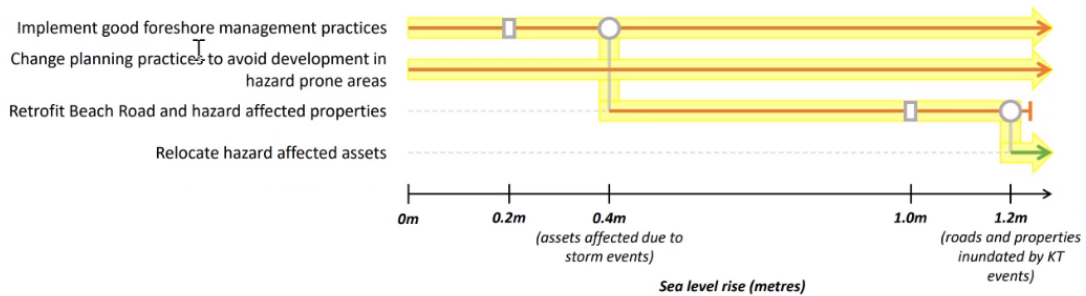
A bit more consultation for Little Bay will occur

PU#68 Kennedy Bay Estuary



Some triggers already have occurred in this area.
 Proposals for new development in this area – so they need this information
 Need to go back to Kennedy Bay and discuss further with Stephanie

PU#69 Kennedy Bay Beach



4. Communications and Engagement Strategy Update – next steps for discussion.

Communications and Engagement Strategy (update)

Thames Coromandel Shoreline Management Plan Project



Te Ara Tapātai o Hinekirikiri
 Tīkapa Moana – Te Tara o Te Ika-ā-Māui

Finished update of this last week - Circulated

Covers how much work has been done over last 2.5 years, page 11 – consultations still to be undertaken

3.3.2 Consultation to come

- The following Coastal Panel workshops are still to come:
 - Workshop 10 (January 2022): Setting thresholds and triggers; *How do we get it done?*
 - Workshop 11 (February 2022): Pathway confirmation and preparation for community consultation events.
 - Workshop 12 (April 2022): Draft Action Plans; *How do we get it done?*
- The following wider community consultation events are still to come:
 - 4. Adaptation plans. Consultation on proposed adaptation pathways and plans (thresholds and triggers) due to occur in March 2022 in Thames, Te Puru, Kennedy Bay (Harataunga Marae), Colville, Kuaotunu, Whitianga, Tairua and Whangamata.
 - Prior to this targeted consultation is proposed with specific communities and groups. This is to include engaging with younger people through the High Schools and consultation with affected individuals in Moanatairi, Ohuka (Brophys Beach) and Hikuai in February 2022.
 - Specific consultation with iwi is also proposed in Kennedy Bay (as above), Koputauaki Bay and Opoutere.

Only 2 more meetings for the Coastal Panels – Pathway’s confirmation, then go out to public again, then we will finalise the plan with the Coastal Panels.

Then goes to Governance committee for ‘draft’ to be adopted. May be one final opportunity for formal submissions from public etc.

The implementation part then starts.

MD – struggling to understand how the Council can fund all of this

SJ – there is Regional Council, Waka Kotahi, DOC, and Nationally need to look at implementing this. Another step is looking at the funding for this.

AC – National Adaptation Plan (overdue) but may be out this year and answer some of the questions about implementation

Comment - Tony Fox – Funding won’t all be TCDC. A large amount of funding will be Waka Kotahi – as a lot of work is concerning roads. Other sources will also need to provide funding for their assets.

5. Next Meeting – KMM to canvas Coastal Panels to ascertain best dates as next meeting is critical.

Meeting Closed 11.51am.

Papers in advance

- I. Agenda and action list
- II. Communications and Engagement Strategy Update

Resources (to be presented at the meeting)

- I. Outputs from the Geotechnical Risk Assessment
- II. Updated Adaptation Pathway Thresholds and Triggers

Actions Table – SMP 9

No.	Action	Responsible	Status
13	Awareness of the SMP Project to be raised with WRC / the Regional Transport Committee	TCDC/WRC officers	In progress - presentation to be provided to the WRC Climate Action Committee first (10 March 2022). Presentation to the Regional Transport Committee to follow.
30	Provide maps of areas of cultural significance	Project Office	Complete.
33	Update of the Communications Plan required	Project Office	Attached, see Agenda.
34	Further work required re. combined flooding events in Kuaotunu West (Kennedy Bay and Hikuai)	RHDHV AM	For Kuaotuna West and Kennedy Bay, see Agenda re. updated adaptation pathways. Targeted consultation planned for Hikuai in February 2022 and Kennedy Bay in March 2022.
39 etc	Update various adaptation pathways in response to feedback received from the public	RHDHV	Complete, see presentation on updated adaptation pathways.
40	WRC to provide a frequency assessment for Whitianga Tide Gauge (to be assessed by NIWA)	RL (WRC)/JB	
41	Follow up with Waka Kotahi on their engagement in the process and progress of their Thames Coast risk assessment	DG/SJ	SJ to report back to the meeting.
42	Provide an AEP for historic storm events where possible	NL/Project office	Now included in the Coastal Environment Report (where the historic storm information is presented).
43	Look at adding filter to online comment tool to group by age/location etc.	Project Office	Not progressed (to date) due to the aspiration to keep the tool simple. Could be revised for March 2022 consultation events.
44	Geotechnical Risk Assessment draft report to be supplied to AM/JB	NL	
45	Need to inform Pauanui of the re-analysis of data prior to any specific meeting. Pauanui Post & rate payers Association. URGENT	AM	

46	Invite David Grieg – Waka Kotahi to next round of Coastal Panel Meetings	SJ	
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