



Meeting of the Clifton to Tangoio Coastal Hazards Strategy Joint Committee

Date: Friday 4 June 2021
Time: 10.00am
Venue: Council Chamber
 Hawke's Bay Regional Council
 159 Dalton Street
 NAPIER

Agenda

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1.	Welcome/Notices/Apologies	
2.	Conflict of Interest Declarations	
3.	Confirmation of Minutes of the Clifton to Tangoio Coastal Hazards Strategy Joint Committee held on 30 April 2021	
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11.	Communication and Engagement Update	53
12.	Discussion of Minor Items not on the Agenda	57



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: CALL FOR MINOR ITEMS NOT ON THE AGENDA

Reason for Report

1. This item provides the means for councillors to raise minor matters they wish to bring to the attention of the meeting.
2. Hawke's Bay Regional Council standing order 9.13 states:
 - 2.1 "A meeting may discuss an item that is not on the agenda only if it is a minor matter relating to the general business of the meeting and the Chairperson explains at the beginning of the public part of the meeting that the item will be discussed. However, the meeting may not make a resolution, decision, or recommendation about the item, except to refer it to a subsequent meeting for further discussion."

Decision Making Process

3. Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision-making provisions do not apply.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee accepts the following "Minor Items Not on the Agenda" for discussion as Item 12.

Topic	Raised by

Authored by:

Annelie Roets
GOVERNANCE ADVISOR

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

There are no attachments for this report.



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: ACTIONS FROM PREVIOUS CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Reason for Report

1. In order to track items raised at previous meetings that require action, a list of outstanding items is prepared for each meeting. All action items indicate who is responsible for each, when it is expected to be completed and a brief status comment.
2. Once the items have been completed and reported to the Committee they will be removed from the list.

Decision Making Process

3. Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision-making provisions do not apply.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives and notes the “*Actions from previous Clifton to Tangoio Coastal Hazards Strategy Joint Committee Meetings*” report.

Authored by:

Annelie Roets
GOVERNANCE ADVISOR

Monique Thomsen
EXECUTIVE ASSISTANT

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

- 1 [↓](#) Actions from previous Clifton to Tangoio Coastal Hazards Strategy Joint Committee meeting

Follow-ups from 30 April 2021 Joint Committee meeting

Task	Agenda Item	Actions	Resp.	Status/Comment
1.	Welcome / Notices/ Apologies	<ul style="list-style-type: none"> Letter from Chair to Tania Huata acknowledging her role. 	TAG	<ul style="list-style-type: none"> Completed.
2.	Minor items not on the agenda	<ul style="list-style-type: none"> Design of the Tukituki groyne – Cr Ann Redstone requested an update on the functionality at the next meeting. Project timeframes, key matters and decision gateways – Cr Tania Kerr requested an overview of the matters facing the Committee now and over the coming year or so; setting out the timelines envisaged for each matter and the processes that need to be worked through. 	TAG	<ul style="list-style-type: none"> Completed - Information paper on the 4 June 2021 agenda. Work in progress. Paper to be presented to next Joint Committee meeting on 30 July 2021.
3.	RMA Reform and National Risk Assessment	<ul style="list-style-type: none"> Submissions to be made on the proposed three new Acts of Parliament. TAG members to explore opportunities for the Joint Committee to engage with RMA reform process 	TAG	<ul style="list-style-type: none"> Work in progress. MfE have been contacted. Waiting on advice for opportunities to engage.

Agreed actions from 27 November 2020 Joint Committee meeting

Task	Agenda Item	Actions	Resp.	Status/Comment
4.	Project Manager's Update	<ul style="list-style-type: none"> A bus trip to the Northern Panel will be arranged early in the new year Proposed to extend invitation to Aramanu Ropiha to attend the next bus trip. 	Simon Bendall / Chris Dolley	<ul style="list-style-type: none"> Propose to hold a bus trip after the next Joint Committee meeting on 4 June. An invitation has been extended to Aramanu Ropiha.
5.	Workstream Package – Regulatory Reports	<ul style="list-style-type: none"> A paper will be presented to the next committee on what the workstream looks like going forward and address the actions contained in these two reports and how it could be managed. 	Gavin Ide / Chris Dolley	<ul style="list-style-type: none"> Work in progress. Update to be given at future meeting.

Agreed actions from 3 September 2019 Joint Committee meeting

Task	Agenda Item	Actions	Resp.	Status/Comment
6.	Assessment Panel supplementary recommendations	<ul style="list-style-type: none"> Report on Council responses to Joint Committee request for action on Panel supplementary recommendations. 	TAG	<ul style="list-style-type: none"> Completed. Information paper on the 4 June 2021 agenda.



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: COASTAL HAZARDS FUNDING REVIEW

Reason for Report

1. This report presents the completed Funding Review for the Clifton to Tangoio Coastal Hazards Strategy.
2. A resolution is sought from the Joint Committee to endorse the findings of the Funding Review and recommend that, subject to consultation, it be adopted by the Napier City Council, Hastings District Council and Hawke's Bay Regional Council.

Background/Discussion

3. To date, the Strategy development process has been jointly and equally funded by the Napier City Council, Hastings District Council and Hawke's Bay Regional Council.
4. The Strategy has produced recommended "adaptive pathways" that have been developed collaboratively with the community for the highest risk areas of the coastline.
5. In the short to medium term, the pathways generally involve beach nourishment programmes, the construction of groynes to reduce erosion losses, and the build-up of the beach crest to mitigate risks of overtopping and inundation. Consistent with the dynamic adaptive pathways planning approach, monitoring of these actions will determine their ongoing effectiveness, with trigger points set to determine when a different response becomes necessary as conditions change.
6. Significant capital and operational expenditure is required to implement the proposed pathways. Work undertaken this year to refine concept designs and costing suggests an approximate capital cost of \$15m and annual operating costs of \$3m to implement the first (short term) step of all pathways. These costs continue to be refined as design options are explored.
7. The Strategy's Technical Advisory Group (TAG) are currently finalising information and details to prepare the Strategy for notification as a proposed Long Term Plan amendment.
8. However, before this can occur, a decision is required on which Council (or Councils) should lead this next phase of the project.
9. Various workshops and proposals over the past 18 months have failed to achieve an agreed position between the Councils on this question. Uncertainties in current legislation about the respective roles of each Council in the funding and implementation of works under the Strategy has contributed to the issue.
10. To facilitate an outcome, the Councils collectively agreed to engage a retired judge to lead a Funding Review.
11. Following a shortlisting and evaluation process, at their meeting on 27 November 2020 the Joint Committee appointed Mr Raynor Asher QC to lead the Review.

12. Mr Asher was appointed to the High Court Bench in 2005 and to the Court of Appeal in 2016. He retired from the Court of Appeal in 2019 and is now practicing as a barrister and arbitrator/mediator.
13. Mr Asher was tasked with answering the following question:

Which Council or Councils should lead and fund the implementation of coastal hazard mitigation projects (including design, consenting, construction and maintenance cost) under the Strategy?
14. In undertaking his review, Mr Asher has engaged with this Joint Committee, staff and Councillors from each Partner Council, considered material developed to date under the Strategy, reviewed relevant historical information, legislation and case law, and has been assisted with local legal advice.
15. Mr Asher has now completed his review and presents his findings in the report “*Review and Recommendations for the Clifton to Tangoio Coastal Hazards Strategy Joint Committee*” which is attached.
16. The key recommendations of the report are summarised as follows:
 - 16.1. That the Hawke’s Bay Regional Council takes charge of all aspects of the prevention and mitigation of coastal hazards on the Clifton to Tangoio coast
 - 16.2. That the Napier City Council, Hastings District Council and Hawke’s Bay Regional Council enter into a memorandum of understanding setting out agreed positions on this arrangement
 - 16.3. That an advisory committee is formed by elected representatives from Napier City Council, Maungaharuru-Tangitū Trust, Hastings District Council, Mana Ahuriri, Hawke’s Bay Regional Council and Heretaunga Tamatea Settlement Trust to support forward work
 - 16.4. That a Transition Plan is prepared to set out the timing and orderly process of transitioning functions to the Hawke’s Bay Regional Council in accordance with the terms set out in the memorandum of understanding.

Decision Making Process

17. A resolution is sought from the Joint Committee to endorse the findings of the Funding Review and recommend that it be adopted by the Napier City Council, Hastings District Council and Hawke’s Bay Regional Council.
18. If a resolution is passed by the Joint Committee, TAG will work with each Partner Council to support subsequent decision-making. This will likely include holding workshops with Councillors to explore the decision and its actual and potential implications in more detail before the matter is formally considered. Guidance from each Council will be sought on how best to provide support.
19. TAG will also seek feedback from Tāngata Whenua Joint Committee members on whether this decision requires direct discussion and input from the Maungaharuru-Tangitū Trust, Mana Ahuriri and Heretaunga Tamatea Settlement Trust.
20. It is noted that, if Mr Asher’s recommendations are taken up, the Hawke’s Bay Regional Council would be proposing to undertake a significant new activity. This would trigger a consultation process under s.16 of the Local Government Act 2002. An excerpt from s.16 is provided below for reference:

16 Significant new activities proposed by regional council

- (1) This section applies if,—
- in the exercise of its powers under [section 12\(2\)](#), a regional council proposes to undertake a significant new activity; or
 - a regional council-controlled organisation proposes to undertake a significant new activity; and
 - in either case, 1 or more territorial authorities in the region of the regional council—
 - are already undertaking the significant new activity; or
 - have notified their intention to do so in their long-term plans.
- (2) When this section applies, the regional council—
- must advise all the territorial authorities within its region and the Minister of the proposal and the reasons for it; and
 - must include the proposal in the consultation document referred to in [section 93A](#).
- (3) A proposal included in the consultation document referred to in [section 93A](#) must include—
- the reasons for the proposal; and
 - the expected effects of the proposal on the activities of the territorial authorities within the region; and
 - the objections raised by those territorial authorities, if any.

21. The decision-making pathway from a Joint Committee resolution would then involve the following key steps. Indicative timing is noted.

Table 1: Key steps and draft timeframes for council decision-making processes.

Step	Task	Activity	Draft Timing
1	Funding Review	<i>Funding Review undertaken to provide recommendations on responsibility for Coastal Hazards</i>	<i>Complete</i>
2		Joint Committee resolution and recommendation on Funding Review	June 2021
3		Partner Council in-principle decision on Funding Review	July 2021
		Develop Memorandum of Understanding between Partner Councils on Funding Review outcome	August 2021
4	LGA S16 Consultation	Partner Council joint consultation (LGA s.16) on proposed responsibility for Coastal Hazards	September 2021
5		Partner Council decision on responsibility for Coastal Hazards following consultation	October 2021
6		Prepare Transition Plan	November 2021
7	LTP Amendment	Preparatory work: <ul style="list-style-type: none"> • Level of service statement and measures • Funding model • Rates modelling • Budgeting • Revenue and Finance Policy • Auditing 	September – December 2021
8		Consultation on Strategy as LTP amendment	March 2022
9		Finalise LTP following consultation	June 2022

Recommendations

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee:

1. Receives and considers the “*Coastal Hazards Funding Review*” staff report.
2. Endorses the findings of the review undertaken by Mr Raynor Asher QC titled “Review and Recommendations for the Clifton to Tangoio Coastal Hazards Strategy Joint Committee” as attached, including the following key recommendations:
 - 2.1. That the Hawke’s Bay Regional Council takes charge of all aspects of the prevention and mitigation of coastal hazards on the Clifton to Tangoio coast
 - 2.2. That the Napier City Council, Hastings District Council and Hawke’s Bay Regional Council enter into a memorandum of understanding setting out agreed positions on this arrangement
 - 2.3. That an advisory committee is formed by elected representatives from Napier City Council, Maungaharuru-Tangitū Trust, Hastings District Council, Mana Ahuriri, Hawke’s Bay Regional Council and Heretaunga Tamatea Settlement Trust to support forward work
 - 2.4. That a Transition Plan is prepared to set out the timing and orderly process of transitioning functions to the Hawke’s Bay Regional Council in accordance with the terms set out in the memorandum of understanding.
3. Recommends that the Napier City Council, Hastings District Council and Hawke’s Bay Regional Council agree in principle to the findings of the Funding Review for the purposes of commencing consultation under s.16 of the Local Government Act 2002.

Authored by:

Simon Bendall
COASTAL HAZARDS STRATEGY
PROJECT MANAGER

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

- | | | |
|-----|--|----------------------------|
| 1 ⇨ | Review and Recommendations for the Clifton to Tangoio Coastal Hazards Strategy Joint Committee - Raynor Asher QC | Under
Separate
Cover |
|-----|--|----------------------------|



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: PANEL SUPPLEMENTARY RECOMMENDATIONS

Reason for Report

1. This report provides an update on responses to the supplementary recommendations made by the Clifton to Tangoio Coastal Hazards Strategy Northern and Southern Cell Assessment Panels.

Background

2. In 2018, the Northern and Southern Cell Assessment Panels delivered their final report to the Joint Committee (full report available for download at: <https://www.hbcoast.co.nz/panels/>)
3. The report outlines the Panel's process and presents their recommended 100-year adaptive pathways for 9 priority units along the Clifton to Tangoio coastline.
4. The report also presents a range of supplementary recommendations that were identified during the Panel's deliberations (refer to Sections 8.7 and 9.6 of the report).
5. The supplementary recommendations generally relate to shorter term actions considered important by Panel members, or detailed matters associated with pathway implementation.
6. While the focus of work under the Strategy has been on the Panel's recommended adaptive pathways, TAG have been seeking to resolve and respond, where possible, to the supplementary recommendations.
7. This activity has included:
 - 7.1. September 2019: Paper taken to the Joint Committee proposing responses and actions in response to the supplementary recommendations
 - 7.2. December 2019: Letters sent to Council Chief Executives seeking responses and actions in response to the supplementary recommendations
 - 7.3. February 2020 – present: Ongoing reporting to Joint Committee on progress.
8. While progress was significantly impacted by the challenges of 2020, TAG has now received formal responses to the letters sent in December 2019 from all three partner Council's. These letters are attached.
9. As a result of these responses and other activity, TAG has updated the reporting table for the supplementary recommendations. This is also provided as an attachment to this report.
10. TAG will discuss these outcomes with the Joint Committee at the meeting.

Decision Making Process

11. Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision-making provisions do not apply.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives the "*Panel Supplementary Recommendations*" report.

Authored by:

Simon Bendall
COASTAL HAZARDS STRATEGY
PROJECT MANAGER

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

- 1 [↓](#) Letter from Hawke's Bay Regional Council - Supplementary Recommendations
- 2 [↓](#) Letter from Hastings District Council - Supplementary Recommendations
- 3 [↓](#) Letter from Napier City Council - Supplementary Recommendations
- 4 [↓](#) Responses to Assessment Panel Supplementary Recommendations

19 March 2021

Chris Dolley
Group Manager Asset Management
Hawke's Bay Regional Council
Private Bag 6006
NAPIER 4142



via email to chris.dolley@hbrc.govt.nz

Dear Chris

CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY: RESPONSE TO SUPPLEMENTARY RECOMMENDATIONS OF THE NORTHERN AND SOUTHERN CELL ASSESSMENT PANELS

In December 2019, you wrote to two of my predecessors as Group Managers of the Strategic Planning and Regulation Groups here at the Hawke's Bay Regional Council. You had invited a response to one of the Northern Cell Assessment Panel's supplementary recommendations which was:

"The biggest risk culturally from the preferred pathway is impacts on Te Pania and other reefs from sediment / turbidity caused by renourishment. Expect that controls are in place to ensure that only appropriate material is used i.e. fine to coarse sand, not silt.

Expect that consent conditions are imposed requiring appropriate monitoring of any effects of renourishment on Pania / Rangitira Reefs and reefs to the north and that appropriate actions would be required in the event that an adverse effect is identified. Assume renourishment at medium and long term is with gravel, not sand."

Resource consents

1. Decision making on resource consents under the Resource Management Act (RMA) must follow certain protocols. Wherever those protocols allow for it, HBRC as a consent authority considers first, who might be affected by an application and should therefore be consulted by the applicant and also applies discretion and considers whether it is necessary to impose consent conditions as described for new resource consent applications.
2. Under the RMA, HBRC has very limited scope to revisit existing consents and retrospectively amend conditions. While this is possible, it is subject to tight legislative parameters, such as those in sections 128-132 of the RMA.
3. In relation to existing consents upon their expiry (and subsequent applications for replacement consents), refer to point 1 above.

RMA plans

4. You will be aware that HBRC's RMA planning work over the next few years features a substantial programme centred around what we're calling 'Kotahi.' Kotahi will involve a review of HBRC's existing operative planning documents (the Regional Resource Management Plan, including the regional policy statement, and the Regional Coastal Environment Plan).



Enhancing our environment together | Te whakapakari tahi i tō tātau taiao

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5. Besides the need for Kotahi to implement the expanding suite of national policy statements and national regulations, the revised 'Kotahi' plan presents an opportunity to review policies and current rules in the Regional Coastal Environment Plan so that they might be more specific about managing the effects (both adverse and beneficial) of renourishment activities on Pania /Rangatira reefs.
6. As we develop the 'Kotahi' plan, we intend to engage with iwi/Maori and other community interests over the next few years on a wide range of the region's important resource management issues. Preparation of 'Kotahi' will be overseen by the Hawke's Bay Regional Planning Committee. The intention is to publicly notify a proposed Kotahi plan in late 2024 and invite formal public submissions at that time.

Resource management system reform

On 10 February 2021, Hon David Parker, Minister for the Environment, announced an outline of the Government's proposals to repeal the RMA and replace it with three new pieces of legislation. Details of the new legislation are yet to be unveiled. However, based on earlier recommendations from the independent reform review panel chaired by Tony Randerson QC, I would expect the new legislation will shift the focus and effort of the resource management system away from individual consents and into the important influential effort of plan and policy preparation. Some sort of consenting system will remain in place, but the details of that are yet to be announced by the Government.

Yours sincerely



Katrina Brunton
Group Manager Policy & Regulatory
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If calling ask for Mark Clews

File Ref: STR-14-07-21-676

9 April 2021

Chris Dolley
Group Manager Asset Management
Hawke's Bay Regional Council
Private Bag
NAPIER

Dear Chris

Clifton to Tangoio Coastal Hazards Strategy Supplementary Recommendations of the Community Panels

I refer to your letter of 19 December 2019, on behalf of the Clifton to Tangoio Coastal Hazards Strategy Joint Committee, concerning the supplementary recommendations of the Community Panels formed to advise the Joint Committee on options for dealing with coastal hazards over the stretch of the Hawke's Bay Coastline from Tangoio to Clifton.

Please find attached the responses of the Hastings District Council in respect of those matters for which it has a lead role. If you have any queries in relation to those responses please do not hesitate to contact the writer in the first instance.

Yours sincerely

Mark Clews
Principal Advisor: District Development
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TE KAUNIHERA O HERETAUNGA



21 May 2021

Chris Dolley
Group Manager Asset Management
Hawke's Bay Regional Council
Private Bag
NAPIER

Dear Chris

Clifton to Tangoio Coastal Hazards Strategy Supplementary Recommendations of the Community Panels

I refer to your letter of 19 December 2019, on behalf of the Clifton to Tangoio Coastal Hazards Strategy Joint Committee, concerning the supplementary recommendations of the Community Panels formed to advise the Joint Committee on options for dealing with coastal hazards over the stretch of the Hawke's Bay Coastline from Tangoio to Clifton.

Hastings District Council has provided a response to *Northern Panel General A Recommendation* that documents the respective Council's approach on this matter as follows.

Hastings District (HDC) and Napier City Council's (NCC) approaches to identifying properties likely to be subject to erosion or inundation for the purposes of sections 71-74 of the Building Act are fundamentally different.

HDC uses the latest information provided by Tonkin and Taylor in 2016 as part to the Strategy preparation for both LIMs and Building Act functions.

NCC use the coastal hazards zones shown in their District Plan, based on the work of Dr Jeremy Gibb in 2002 as modified on Appeal by the Environment Court, although the Tonkin and Taylor work is used for LIM notifications and was partly funded by NCC and HDC.

What this means is that NCC rely on their GIS not HBRC data and is based on a 50 year cycle. HDC use the HBRC portal which is based on 100 years exposure.

Legal advice by Rice Spier states that the HDC approach of using the latest reliable information to trigger the Building Act requirements is the correct approach, notwithstanding what provisions may apply in the District Plan in relation to functions under the Resource Management Act.

Greater consistency could be achieved if the NCC GIS was updated to a 100 year period, however this does not appear to be a priority at present.

Yours sincerely

Jon Kingsford
Director Infrastructure

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Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Key: Complete  On Track  Alert, not on track, action required  Not completed / will not be progressed 

Northern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
General				
A. The Panel would like there to be more commonality between HDC and NCC in the interpretation of the building code and the provisions of the district plans.	<p>Example given by Panel of suspected difference in approach to application of S71-74 of Building Act in Whirinaki (HDC) and Bayview (NCC). This should be reconciled if differences do exist.</p> <p>District Plan approach needs to be considered as part of the larger regulatory review required for Strategy implementation</p>	<ol style="list-style-type: none"> Action: Letter from Joint Committee Chair to HDC and NCC CEOs requesting Council building departments undertake cross-council review of processes for issuing building consents at coast + request engagement with TAG. Action: Regulatory Workstream of TAG to investigate district plan alignment matters 	<ol style="list-style-type: none"> Hastings District (HDC) and Napier City Council's (NCC) approaches to identifying properties likely to be subject to erosion or inundation for the purposes of sections 71-74 of the Building Act are fundamentally different. HDC uses the latest information provided by Tonkin and Taylor in 2016 as part to the Strategy preparation for both LIMs and Building Act functions. NCC use the coastal hazards zones shown in their District Plan, based on the work of Dr Jeremy Gibb in 2002 as modified on Appeal by the Environment Court, although the Tonkin and Taylor work is used for LIM notifications and was partly funded by NCC and HDC. What this means is that NCC rely on their GIS not HBRC data and is based on a 50 year cycle. HDC use the HBRC portal which is based on 100 years exposure. 	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

			<p>HDC believe that their regulatory approach in this Building Act matter is appropriate. Greater consistency could be achieved if the NCC GIS was updated to a 100 year period, however this does not appear to be a priority at present.</p> <p>2. Investigation of district plan alignment options completed as part of Stage 4 Regulatory workstream. Further actions on hold pending remainder of CHMS Stage 4 workstreams. Reporting was completed in 2020. Two reports prepared by Mitchell Daysh Ltd & overviews were presented to Joint Committee. Follow-ups from that workstream now incl:</p> <ul style="list-style-type: none"> a) Developing ecological intel work package b) Developing tāngata whenua engagement planning c) Briefing council consent leads about CHMS work thus far. <p>As for common district plan content, upcoming reviews present opportunity for evolving content to greater consistency incl.</p> <ul style="list-style-type: none"> - NCC District Plan review 	
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Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

			- HBRC 'Kotahi' plan (incl review of Regional Coastal Environment Plan).	
B. The Panel would see value in remaining as a reference group while the Implementation Plan is developed, including considering the trigger points between steps within the pathways.	TAG to consider and recommend approach to Joint Committee	3. Action: TAG to develop paper for Joint Committee to recommend approach for Panel Member involvement in Stage 4, including through development of Triggers	3. Workshop series with former panel members and new community members now underway – includes workshops focused on developing signals, triggers and thresholds.	
Westshore (Unit D)				
A. The Biggest risk culturally from the preferred pathway (Pathway 3) is impacts on Te Pania and other reefs from sediment / turbidity caused by renourishment. Expect that controls are in place to ensure that only appropriate material is used i.e. fine to coarse sand, not silt. Expect that consent conditions are imposed requiring appropriate monitoring of any effects of renourishment on Pania / Rangatira Reefs and reefs to the north and that	Regional Coastal Environment Plan regulates activities in CMA that may affect Pania Reef and other seabed disturbances Any application for resource consent for this activity will need to specifically address actual and potential environmental effects and include consultation Iwi	4. Ongoing: TAG to maintain watching brief on future consent applications for renourishment activity at Westshore 5. Action: Write to HBRC regulatory manager + policy manager regarding cultural concerns associated with renourishment activities	4. TAG to keep a watching brief and discuss consent applications as they arise. 5. Refer March 2021 letter from Katrina Brunton responding to supplementary recommendation matter.	 

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

appropriate actions would be required in the event that an adverse effect is identified. Assume renourishment at medium and long term is with gravel, not sand.				
B. The Panel supports the ongoing monitoring of turbidity around Pania reef currently being undertaken by the Port of Napier.	Port of Napier to be advised	6. Action: Letter from Joint Committee Chair to Port of Napier communicating Panel's support for turbidity monitoring	6. Michel de Vos (Napier Port's General Manager Infrastructure Services and a representative on the Northern cell panel) attended the Joint Committee meeting on Friday 7 August 2020 and gave an update presentation on the Wharf 6 development and construction work.	
C. The area between Westshore and Bay View is vulnerable to erosion and effects on lifeline assets e.g. State Highway, railway, gas pipeline, fibre optic and other utilities.	This area is covered by Units C (Bay View) and D (Westshore) – these matters need to be considered in detailed design phase which is underway	<i>No further action required. This matter will be addressed through detailed design</i>		
D. From a recreational perspective, there is a considerable desire to restore and maintain amenity value by rebuilding the beach and nearshore area with sand which has been eroded over the past 20-30 years.	Napier City Council to be advised	7. Action: Letter from Joint Committee Chair to NCC CEO communicating Panel's desire for sand renourishment	7. NCC and HBRC are jointly engaging with Mana Whenua and other key stakeholders to explore the likelihood of a successful consent application to extend the dredging disposal area to the south of the currently permitted zone. A consent of this nature is the first key step to being able to achieving the nearshore and beach	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

			<p>area restoration. Given the sensitive nature of the surrounding Coastal Marine Area it is yet to be seen whether this is a viable endeavour.</p> <p>This consent is taking longer than anticipated and funding set aside for this activity is exhausted. Additional funding from NCC has allowed continuation of this consent application.</p>	
<p>E. There may be an opportunity to make use of the sand available through the port maintenance dredging and the proposed new port berth project to satisfy some or all of the required sand needed to replenish Westshore. Alternative sources of suitable sand may be required to be sourced to provide sand of suitable size or volume.</p>	<p>To be addressed through detailed design for implementing recommended pathway at Westshore - particularly in consideration of potential costs</p>	<p><i>No further action required. This matter will be addressed through detailed design</i></p>		
<p>Bay View (Unit C)</p>				
<p>A. The biggest risk culturally from the preferred pathway (Pathway 3) is impacts on reefs from sediment / turbidity caused by renourishment. Expect that</p>	<p>Regional Coastal Environment Plan regulates activities in CMA that may affect Pania Reef and other seabed disturbances</p>	<p>8. Ongoing: TAG to maintain watching brief on future consent applications for renourishment activity at Westshore</p>	<p>8. TAG to keep a watching brief and discuss consent applications as they arise.</p>	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

controls are in place to ensure that only appropriate material is used. Expect that consent conditions are imposed requiring appropriate monitoring of any effects of renourishment on reefs and that appropriate actions would be required in the event that an adverse effect is identified.	Any application for resource consent for this activity will need to specifically address actual and potential environmental effects and include consultation Iwi	9. Action: Write to HBRC regulatory manager + policy manager regarding cultural concerns associated with renourishment activities	9. As above, Refer March 2021 letter from Katrina Brunton responding to supplementary recommendation matter.	
Whirinaki (Unit B)				
A. Biggest risk culturally from the preferred pathway (Pathway 4) is impacts on reefs from sediment / turbidity caused by renourishment. Expect that controls are in place to ensure that only appropriate material is used. Expect that consent conditions are imposed requiring appropriate monitoring of any effects of renourishment on reefs and that appropriate actions would be required in the event that an adverse effect is identified.	Regional Coastal Environment Plan regulates activities in CMA that may affect Pania Reef and other seabed disturbances Any application for resource consent for this activity will need to specifically address actual and potential environmental effects and include consultation Iwi	10. Ongoing: TAG to maintain watching brief on future consent applications for renourishment activity at Westshore 11. Action: Write to HBRC regulatory manager + policy manager regarding cultural concerns associated with renourishment activities	10. TAG to keep a watching brief and discuss consent applications as they arise. Hastings District Council is providing advice and guidance to North Shore Road residents on recent erosion and possible minor bank protection options, acknowledging the longer term risks. 11. As above, Refer March 2021 letter from Katrina Brunton responding to supplementary recommendation matter.	 

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
All Units				
A. We need to be mindful of care of the environment and doing our best to leave a legacy of good guardianship. We should be concerned about not only human welfare but the welfare of all living things, respecting interconnectedness/cause and effect principles and that if we don't do this it will be to the detriment of all.	Design Workstream to incorporate ecological ethos as appropriate	1. Action: TAG Design Workstream to report to the Joint Committee on how this has been incorporated into detailed design	1. At this stage no major issues have been identified. The detail design phase will include the consenting process which will take care of any unforeseen issues. Additionally, the newly created consenting, Māori and ecology workstreams will provide further insight. Hastings District Council coastal work already constructed and further work proposed is designed in accordance with Coastal Strategy philosophy and direction, as well as consent conditions to reflect this ethos.	
B. The pathways as recommended will result in hard engineering along virtually the whole of the southern cell. There is concern about the effects of this approach on the natural character of the beautiful coastline.	Design Workstream to incorporate softer elements as appropriate For LGA consultation purposes, need to consult on more than one option – TAG need to develop primary alternative options to defence (e.g. Managed Retreat) and include detail on estimated costs / impacts etc in consultation material	2. Action: TAG Design Workstream to report to the Joint Committee on how this has been incorporated into detailed design 3. Action: TAG to develop managed retreat concept for application in Hawke's Bay – where, how, who pays, etc. To be included in 2021 consultation document	2. Options being developed through concept design include mostly a soft engineering option with the enhancement of an existing structure (Tukituki groyne) and gravel nourishment. Some design options include only a few groynes which may not necessarily change the character. Concerns have been identified about the change in character and the aesthetic impact of a high gravel barrier to provide protection from	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
			<p>coastal inundation. There are options to minimise these impacts but these options are likely to be more expensive. A staged and adaptive approach may optimise the design in terms of the required magnitudes and also help with the perception the negative impact of a sudden large change in comparison with smaller gradual changes.</p> <p>Also same as above, the detail design phase will include the consenting process to fully explore these issues. Additionally, the newly created consenting, Māori and ecology workstreams will provide further advice.</p> <p>3. Hastings District Council coastal work already constructed and further work proposed reflects a general acceptance of groynes, revetments and renourishment as the preferred protection options, which provide a more appropriate solution compared with concrete and steel solutions. A managed Retreat Report is nearing completion by Tonkin and Taylor to allow a retreat option to be discussed</p>	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
			and considered as part of the wider consultation document.	
C. Managed retreat has been in the 'too hard box'; we have not paid enough attention to it, it's costing and possible funding models.	For LGA consultation purposes, need to consult on more than one option – TAG need to develop primary alternative options to defence (e.g. Managed Retreat) and include detail on estimated costs / impacts etc in consultation material	TAG has recreated a managed retreat workstream and engaged Tonkin & Taylor to undertake this work.	This work package is 90% complete with upcoming workshops to assist with finalising the work package.	
D. Once signed and adopted, Councils should incorporate the Strategy into Regional and District Plans. Until such time as the planning framework has been changed to facilitate Strategy outcomes, if a consent application is consistent with the Strategy and urgency is identified within the Strategy, there should be an ability for Councils to give weight to the Strategy, and in doing so, hasten the consenting process.	<p>TAG Regulatory Workstream are considering legal/planning issues as part of Stage 4.</p> <p>This work could result in RMA plan review/plan change processes and/or decision-making in context of applications for resource consents, building consents and other approvals.</p> <p>Note that until such time as regulatory regime has been changed, the Coastal Hazards Strategy is considered a non-statutory document and has limited weight; consent</p>	4. Action: TAG Regulatory workstream to report on this issue to Joint Committee as work develops	<p>4. Ability to have regard to the Strategy work to date in relation to assessing resource consent applications (prior to formal 'adoption' of Strategy) was covered as part of Stage 4 Regulatory workstream.</p> <p>Reporting was completed in 2020. Two reports prepared by Mitchell Daysh Ltd & overviews were presented to Joint Committee. In short, practice towards consenting is variable across councils. Upcoming district plan and regional plan review processes presents opportunity to re-cast policy for controlling adverse effects of development alongside recognising beneficial effects of some</p>	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
	applications will be assessed on their merits against current regulatory framework.		types of land use activities for medium and longer-term planning horizons. This opportunity will not suit immediate actions nor all short-term actions.	
Clifton (Unit L)				
A. Consider groyne-head at end of sea wall to build up beach and low tide access if this is adopted for Clifton.	Engineering report would be required on pros cons and business case. May require consent variation or new consent for any physical works .	5. Action: Letter from Joint Committee Chair to HDC CEO requesting consideration of Panel recommendation	5. End effects were dealt with as part of Clifton consent with obligations to monitor and manage as required.	
B. There is a high degree of urgency for Clifton to respond to current erosion losses urgent action is required.	Clifton Seawall construction complete. Project proceeded separate from Coast Hazards Strategy work. Consider balance of seawall in Pathway planning through design workstream.	<i>No further action required.</i> <i>Clifton works complete, balance of seawall being considered by panels as part of design workstream.</i>		
Te Awanga (Unit K2)				
A. The Councils should look at the existing vertical railway irons - we feel this is a genuine short-term solution for this community whilst this Strategy is being	Design team/TAG to consider and report back to Joint Committee on pros and cons of a properly designed and built pilot scheme. Consider seeking input / advice from Living at the	6. Action: TAG Design Workstream to consider and report back to Joint Committee on pros and cons of a properly designed and built pilot scheme. Including	6. This falls into the experimental measures we have recently discussed with the community panels. The strategy will consider these type of measures, but they need to be understood as short-term and its	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
developed and implemented. A functional, and preferably aesthetically improved option of this nature could be implemented and used as an experimental short-term measure, together with crest maintenance, and monitored for effectiveness.	Edge / Universities – potential for masters student project? Note: if this is led by HBRC Design team, then presents risk that the small design team’s capacity will be stretched.	undertaking review of existing railway irons and how these should be managed in the period leading up to and following pathway implementation.	likelihood to underperform during large storm events. Any work on this should be backed with appropriate design and testing. Additional funding for the design, testing, research and implementation phases for these type of measures needs to be sourced. Hastings District Council comments that this was the concept of considering alternative design ideas of an experimental nature, where appropriate. In this regard work is being considered on options for minor toe rock protection for sections of the Clifton/Te Awanga area.	
B. If any existing railway irons are removed (e.g. for health and safety reasons) then a suitable, alternative needs to be put in its place.	Determine agency responsibility per LGA/HSE/RMA. Assess health and safety over short and long term. Assess pros and cons of replacement.	<i>No further action required. Addressed through Action 6 above.</i>		
C. Look at options to enhance the existing vertical railway irons with art / public works of art that acknowledge and reflect the cultural heritage of this coast.	Once agency responsibility determined as above, assess pros and cons and canvass local support through Cape Coast Community Plan.	<i>No further action required. Addressed through Action 6 above. Hastings District Council comments that this first and foremost requires a determination that existing irons are appropriate to be retained under action</i>		

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
D. Special consideration needs to be given to consulting with surfers / people with knowledge of the surf break where there are any artificial interventions that may affect the surf break.	Regional Coastal Environment Plan regulates activities in CMA + New Zealand Coastal Policy Statement also has particular protection for surf breaks. Any application for resource consent for this activity will need to specifically address these actual and potential environmental effects	7. Ongoing: TAG to maintain watching brief on future consent applications for coastal defence structures at Te Awanga.	7. Ongoing. Regular updates to Joint Committee when relevant.	
Haumoana (Unit K1)				
A. Area down by the Domain / Grange Road is at risk now from inundation /flooding through failure to maintain the crest – this needs urgent attention.	Comment to presented to Hastings DC for consideration – note HDC have sought consent for beach scraping to relocate gravel on breach onto crest	8. Action: Letter from Joint Committee Chair to HDC CEO requesting consideration of Panel request	8. Hastings District Council has a consent that allows for minor beach scraping and beach crest reinstatement and protection and this is under active management.	
B. Vehicle access to / through and behind the beach crest needs to be managed. Acknowledging that there are strong community values associated with this access, viable access to the beach needs to be maintained but the beach crest needs to be off limits;	Comment to be presented to Hastings DC for consideration	9. Action: Letter from Joint Committee Chair to HDC CEO requesting consideration of Panel request	9. Hastings District Council has an ongoing consent that allows for minor beach scraping and beach crest reinstatement and protection. a. Further advice is required on the progress of vehicle access.	 

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
it needs to made clear what you can and can't do and why. The beach crest must be built up.				
C. Vehicles turning around at the groyne end of the beach are causing significant erosion / losses. This also needs to be addressed.	Comment to be presented to Hastings DC for consideration	10. Action: Letter from Joint Committee Chair to HDC CEO requesting consideration of Panel request	10. Hastings District Council has installed a number of concrete blocks and logs at the turning end of the groyne to help limit vehicle access to the beach crest and therefore beach erosion.	
D. Groyne saddle needs to be filled so that the beach can build back up.	Groyne saddle is a deliberate design feature to allow sediment to travel north and reduce downstream effects.	<i>No further action required. Report being prepared for the Joint Committee to clarify design rationale and management approach for this structure</i>		
E. Support the Reserve Management Plan prepared by Hastings District Council which includes works to maintain / enhance the beach crest and manage vehicle access.	Submission lodged on behalf of the Panel. Management Plan process now complete and Plan finalised/Approved. No further response required.	<i>No further action required.</i> <i>Support noted by Hastings District Council through the submissions process</i>		
F. Noting an impending threat at Clifton, efforts have been made to bring in a revetment to respond and this is commended. However, an imminent	Process underway: 21 August 2019 meeting held between Peter Beaven (HBRC Councillor), Ann Redstone (HDC Councillor), Keith Newman	11. Action: TAG to report back to Joint Committee on progress with HDC-led project to consider risk mitigation options at Cape View Corner / H21	11. Hastings District Council is progressing the Cape View Corner protection works with budget provided in the 2020/21 financial year with construction proposed early 2021.	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
<p>threat also exists at Cape View Corner. Urge that rocks are placed here and beach crest maintenance carried out to give a temporary respite while long term solution is developed. There is a duty of care to protect power, water and road at Cape View Corner which supplies the entire Cape Coast area.</p>	<p>(Community), Brian (Community), Jose Beya (HBRC), Chris Dolley (HBRC), Craig Thew (HDC)</p> <p>Recent storm damage was inspected, Recent sale of Bridgeman properties to new owners was noted</p> <p>Funding is currently available from HDC for shingle placement to (partially) offset environmental losses</p> <p>Hasting DC to investigate options for short term protection of cape corner with assistance of HBRC</p> <p>Noted that public service risks should be assessed independently from any H21 discussion due to risks in mixing the discussions and delays</p>		<p>Work is also progressing concurrently with the H21 (now H18) residents looking at a collective protection solution, with support from HDC and coastal consultants.</p>	
Haumoana (Unit K1) – “H21” Properties				

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
<p>The Panel wishes to acknowledge the unique circumstances that apply to the properties from 1 to 41 (odd numbers only) Clifton Road, Haumoana ("the H21"), and the importance of Cape View Corner, which maintains access to Te Awanga and includes important infrastructure, including the Clifton Road Reserve and properties to the south. The Panel further recognises that the long-term pathways recommended for Unit K (Haumoana and Te Awanga) have been designed at a high level for the broader Unit K, and not specifically for the H21 properties. As such, once implemented the Unit K pathways will provide some benefit for the H21 but this may not happen quick enough, and it will not translate to a high standard of protection. Having met with the owners of the H21 at a dedicated workshop on 30 January 2018, and considered these special circumstances, the Panel has identified further actions under the Strategy to complement the recommended pathway for the broader Unit K. These are: [specific actions below]</p>				
A. As a matter of urgency, small groyne(s) + renourishment, and where necessary rock revetments, at Cape View Corner are constructed that precede but complement the Unit K pathways.	HDC to investigate as part of work to be undertaken following 21 August 2019 meeting (See Action 11 and comments above)	<p>No further action required. Addressed by Action 11 above</p> <p>This is being dealt with by Hastings District Council as described in item F above and currently under construction.</p>		
B. Landowners need to be provided with an ability (through changes to Resource Management Act planning documents) to install their own individual protections /improvements on private land where consistent with the Strategy and complementary to the Unit K pathways, so that the regulatory bar is not	TAG Regulatory Workstream will explore existing planning framework for strengths, gaps and weaknesses it may have for implementing the Coastal Hazards Strategy. In the meantime, each consent needs to be considered on its merits and in accordance with existing framework. An outcome of the 21 August 2019 meeting with WOW is that HBRC will shortly be completing	<p>No further action required. To be considered through existing TAG Regulatory Workstream</p> <p>Discussions are ongoing between the Hastings District and Regional Councils on possible global consents and approach to H18 solutions.</p>		

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
set too high for appropriate private action;	a significant modelling project for coastal processes within Strategy area – this provides a resource for considering the effects of applications and could assist to reduce consenting costs and timeframes.			
<p>C. That a working group of Panel Members, supported by TAG and technical advisors, is appointed to:</p> <p>i. Consider modelling outputs of various design options for Cape View Corner and costing information to confirm final design;</p> <p>ii. Ensure the design does not cause downstream effects on the northern side of the groynes (for example, the houses on Beach Road);</p> <p>iii. Ensure that access to and along the beach is not compromised; and</p> <p>iv. Ensure that the design is sustainable and does</p>	<p>For consideration as part of Stage 4 in conjunction with HBRC design team and report to JC.</p> <p>For consideration alongside any interim works per the H21 and Cape View Corner and report to JC.</p>	<p>12. Action: TAG to develop paper for Joint Committee to recommend approach for Panel Member involvement in Stage 4, including in any response to be developed for H21 / Cape View Corner (also see aligned Action 3 in Northern Panel Supplementary Recommendations)</p>	<p>12. While this project is being led by Hastings District Council, Hawke's Bay Regional Council is providing advice and guidance on modelling, sediment transport and Strategy detail as part of the project development.</p> <p>For the Cape View Corner project, former southern panel members have been involved in liaison and engagement activities as part of the design and development work.</p>	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
not create further issues that would then need to be addressed with further interventions.				
Clive / East Clive (Unit J)				
A. Beach scraping, crest management and planting is required as short-term measure as an enhancement to the status quo.	HBRC to investigate and report to JC on outcome and any action proposed.	13. Action: TAG Design Workstream to report back to Joint Committee following consideration of any short-term soft engineering requirements at Clive	13. HDC has secured resource consent to undertake beach scraping at Haumoana. HDC has also being doing planting on the beach crest. An extension to that consent or a new consent would be possible for East Clive. Planting would be also possible. A coastal process assessment would be needed in case any mitigation measures such as additional nourishment are required. Costing for the Haumoana beach scraping and planting is highly variable depending on wave storm activity ranging from \$0 the past year to \$45k.	
Awatoto (Unit I)				
A. Awatoto (Unit I) has not been considered in this iteration of the Strategy (note Recommendation One in Section 9.1) but the	HBRC Asset Group to monitor barrier heights and inundation events and report to JC as appropriate.	14. Ongoing: TAG to maintain watching brief on coastal monitoring outcomes and report to Joint Committee	14. No current issues to report.	

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
<p>section of Awatoto that extends from the Waitangi Reserve to the northern end of Waitangi Road is at equal risk of inundation as Units J through L.</p> <p>With the implementation of protection measures for Units J through L, what is yet unknown is any unforeseen impacts these measures may have on Awatoto, including impacts on the Waitangi Reserve.</p> <p>The unknown impacts (positive/negative) of the cessation of the gravel extraction at the Winstone, Awatoto site are also noted, including the previous continuous build-up of the sea wall by Winstone heavy machinery.</p> <p>If negative impacts do occur, and the risks for Awatoto increase, the Strategy may need to be reviewed earlier</p>	<p>Note emergency works scan required every 12 months as part of Stage 4 Project plan</p>	<p>through emergency works reporting.</p>		

Clifton to Tangoio Coastal Hazards Strategy: Response to Assessment Panel Supplementary Recommendations

Southern Panel				
Panel Recommendation	TAG Comment	Recommended Council Action	Status	Code
than the suggested 10-year period.				



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: PROJECT MANAGER'S UPDATE

Reason for Report

1. In accordance with standing instructions from the Joint Committee, this report is provided in place of the written report required from the Project Manager under the Terms of Reference for the Joint Committee.
2. It provides an opportunity for the Project Manager to present a verbal update to the Committee and answer any questions on general project matters including tracking against timeframes, milestone achievements and project risks. The Project Manager will provide a verbal update at the meeting.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives the "*Project Managers Update*" report.

Authored by:

Simon Bendall
COASTAL HAZARDS STRATEGY
PROJECT MANAGER

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

There are no attachments for this report.



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: CURRENT COASTAL PROJECTS UPDATE

Reason for Report

1. This report provides an opportunity for the Technical Advisory Group (TAG) to provide an update on various coastal projects the Joint Committee has expressed an interest in keeping abreast of, namely:
 - 1.1. Whakarire Ave Revetment Works
 - 1.2. Extended consent area for sand deposition at Westshore
 - 1.3. Haumoana 18
 - 1.4. Capeview corner
 - 1.5. Whirinaki.
2. TAG members will provide a verbal update on each of these projects at the meeting.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives the “*Coastal Projects Update*”

Authored by:

Simon Bendall
COASTAL HAZARDS STRATEGY
PROJECT MANAGER

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

There are no attachments for this report.



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: TUKITUKI GROYNE DESIGN AND FUNCTION

Reason for Report

1. This report provides an update to a request from Councillor Ann Redstone at the Joint Committee meeting on 30 April 2021 seeking further information and the reasons for the construction and later lowering of the crest of the Haumoana groyne.
2. Hawke's Bay Regional Council's Principal Engineer Jose Beya has prepared a memorandum which is attached.
3. It provides an opportunity for Mr Beya to present a verbal update to the Committee and answer any questions on matters outlined in the memo.

Decision Making Process

4. Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision making provisions do not apply.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives and notes the "*Tukituki Groyne Design and Function*" staff report.

Authored by:

José Beya
PRINCIPAL ENGINEER

Approved by:

Chris Dolley
GROUP MANAGER ASSET MANAGEMENT

Attachment/s

- 1 [↓](#) Memo from Jose Beya - Principal Engineer, HBRC

MEMO

To: Chris Dolley
From: Jose Beya
Date: 26-May-2021
Subject: REASONS FOR THE CONSTRUCTION AND LATER LOWERING OF THE CREST OF THE HAUMOANA GROYPNE
File Ref:
CC:

Introduction

During the April 30, 2021 Clifton to Tangoio 2120 Coastal Hazards Strategy Joint Committee meeting, Cr. Ann Redstone requested TAG to explain to the rest of the Joint Committee, the reasons for the lowering of the crest of the Haumoana groyne occurred in 2004. This memorandum has been prepared to serve this request.

Background

The Haumoana groyne was constructed in February-March 1999. This structure was funded by the Heretaunga Plains Flood Control and Drainage Scheme (HPFCS) and its main purpose is to protect from coastal erosion the scheme assets in the Haumoana area. The Haumoana groyne is currently part of the HPFCS and has an ongoing inspection and maintenance programme (Clode, 2016; HBRC, 2021).

As part of the resource consent requirements for the groyne, the effects of the Haumoana groyne were monitored intensively with beach profile surveys between February 1999 and November 2000. The surveys showed a build-up of 22,000 m³ of gravel south of the groyne and a loss of 8,000 m³ north of it during the survey period (HBRC, 2001). Ongoing monitoring of beach profiles at a lower temporal and spatial resolution is carried out by HBRC in the area since 1974 (HBRC, 2019).

Before the construction of the Haumoana groyne, a groyne field was built between 1979 and 1993 on the East Clive coast to protect the stopbank from coastal erosion after the initial damage it suffered. The sea exclusion stopbank was built in 1977 after the massive coastal flooding that affected Clive during the 1970's wave storms (Figure 1).

The Haumoana groyne crest was lowered in 2004 to increase sediment bypass to the downdrift side (north) of the groyne. This was carried out because coastal erosion north of the groyne was believed to affect the behaviour of the river mouth, encouraging the river to burst an opening to the sea, next to the groyne (e.g. Figure 2). This compromised the stopbank and the lateral foundations of the groyne. Significant erosion control works including the landward extension of the groyne had been carried out to protect the Haumoana groyne and stopbanks (Graham Edmondson, 2021 personal communication).

It is well understood that the net-sediment transport in this area occurs from south to north (e.g. Komar, 2005) and that any coastal alterations south of East Clive could exacerbate coastal erosion at that location (Beya & Asmat, 2021). Therefore, the increased sediment bypass through the Haumoana groyne also decreases the risk of coastal erosion at East Clive.



Figure 1: Newspaper clipping reporting about the damage by the August 1974 wave storm.



Figure 2: Satellite photo showing the Tukutuki river mouth opening next to the Haumoana Groyne (11-06-2015).

Coastal monitoring

Figure 3 shows the location of the long-term historical beach profiles surveyed by HBRC, the existing groynes and East Clive sea exclusion bank. Figure 4 shows the shoreline movement measured from the monitoring locations in Haumoana and East Clive, where the dates of important interventions have been marked.

Some observations that can be made from those figures:

- Beach erosion in Haumoana (HB4 and HB4A) stabilised after the construction of the Haumoana groyne.
- The lowering of the Haumoana groyne crest did not have an immediate noticeable effect in increasing beach erosion in Haumoana. In fact, the surveys reveal an accretional period immediately after lowering the crest. However, there are other factors that can influence coastal processes such as increased temporal sediment supply from rivers, cliff erosion and wave conditions.
- Increased beach erosion at East Clive was measured after the construction of the Haumoana groyne following a stable period immediately after the crest was lowered, and an erosional period about 3 to 6 years later.
- The expected accretional trends after the cessation of the sediment extraction activities at Awatoto are not clearly evidenced in the survey data.

Conclusions

- The Haumoana groyne is an important asset of the HPFCS which continues to serve its main purpose of protecting the stopbanks at the right bank of the Tukituki river. It also provides protection against coastal erosion to a section of the coast in Haumoana, south of the groyne.
- The lowering of the groyne crest appears to have been successful at minimising the risk of scour along its lateral toe and controlling the risk of coastal erosion at East Clive.
- Modifications to the existing groyne such as raising its lowered crest need to be analysed carefully considering the historical reasons for its lowering.
- The coastal strategy is considering the lengthening of the Haumoana groyne which includes raising its crest. This solution includes gravel nourishment as a mitigation measure for the downdrift erosion effects produced by the sediment retention caused by this groyne and the rest of the measures proposed (Beya & Asmat, 2021).

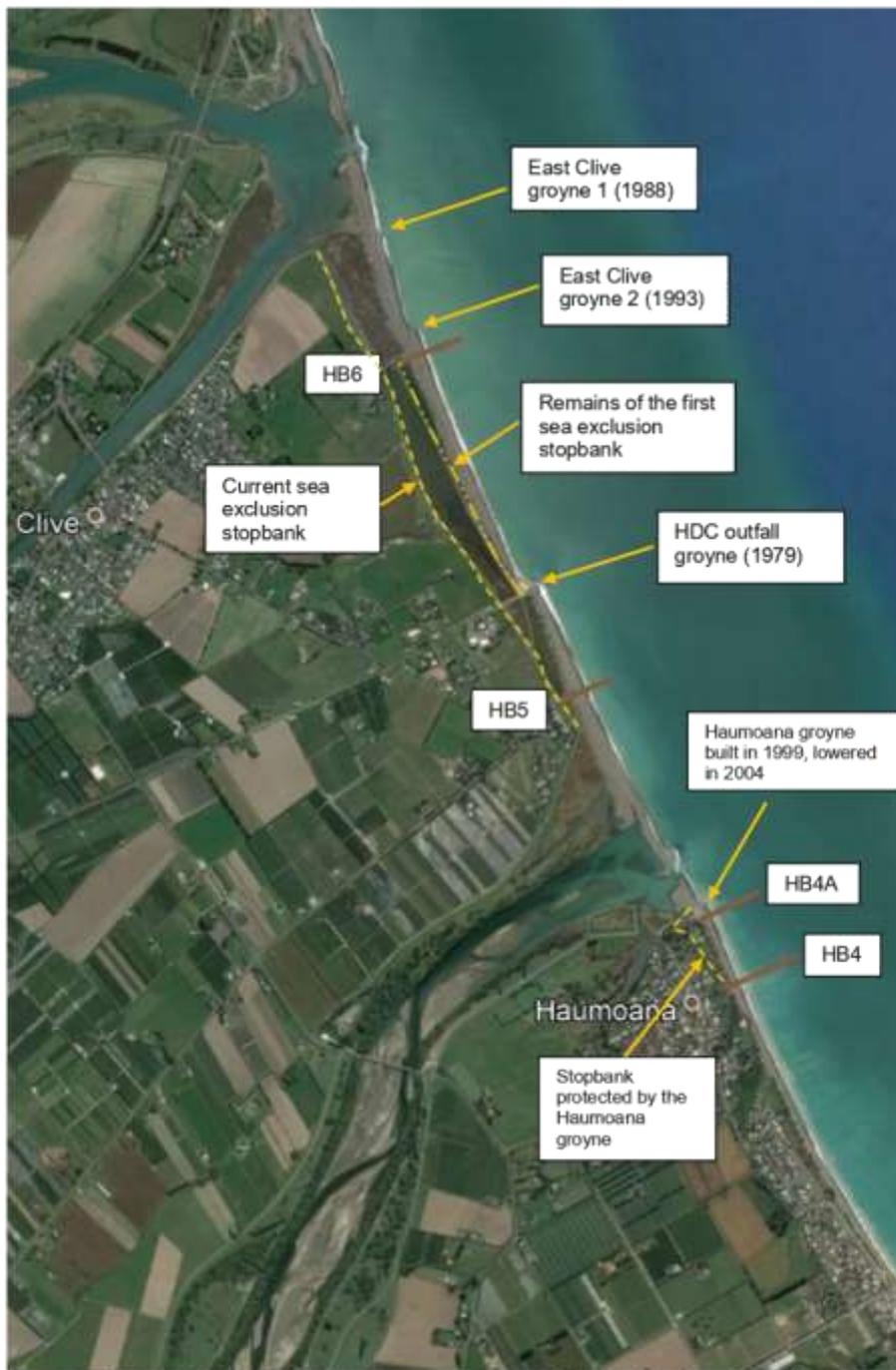


Figure 3: Location of surveyed beach profiles and groynes in the Haumoana and East Clive Coast.

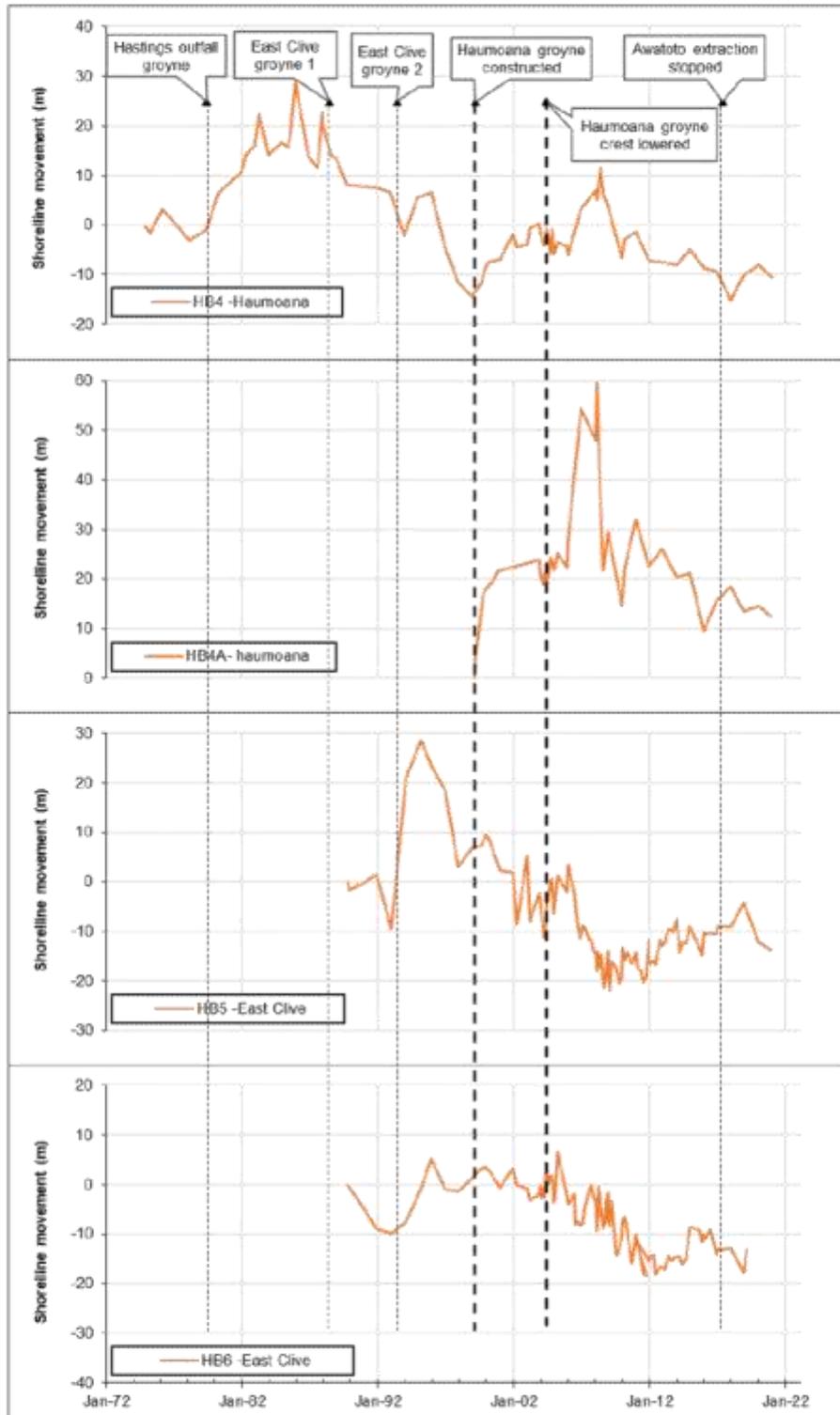


Figure 4: Shoreline movement at beach monitoring locations in Haumoana and East Clive



References

- Beya J., Asmat C. (2021). Short-term concept design and costing - Clifton to Tangoio 2120 Coastal hazards strategy - Stage 4 - Design workstream. Wave, shoreline evolution and gravel barrier response modelling - Groynes design and cost estimates. May 2021. HBRC Report No. 5537.
- Clode G. (2016). Memorandum in response to WOW on the Haumoana Groyne. R:\ENGINEERING\Data_Files\Coastal\Groynes\Memo re WOW May 2016.pdf
- HBRC (2001). Haumoana Groyne Coastal Profile Data, May 2001.
- HBRC (2019). Hawke's Bay Coastal Profile Monitoring 2019. HBRC Plan Number 5453.
- HBRC (2021). 5545 Heretaunga Plains Flood Control Scheme Asset Management Plan 2021 (Draft). Hawkes Bay Regional Council Publication No. 5545
- Komar P. (2005). Hawke's Bay Environmental Change, Shoreline Erosion & Management Issues. Asset Management – Technical report - November 2005 AM06/04 HBRC plan No. 3839. [Available 15-01-2019 [https://herbi.hbrc.govt.nz/site/pub/hbrcpub/3839 AM0604 Hawkes Bay Environmental Change and Management Issues KOMAR2005.pdf](https://herbi.hbrc.govt.nz/site/pub/hbrcpub/3839_AM0604_Hawkes_Bay_Environmental_Change_and_Management_Issues_KOMAR2005.pdf)].



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: COMMUNICATION AND ENGAGEMENT UPDATE

Reason for Report

1. This report gives a brief overview of communications and engagement that has happened since the last Joint Committee meeting in April 2021.
2. It also outlines a proposal for engaging with mana whenua ahead of formal consultation in early to mid-2022.

Executive Summary

3. Communications and engagement for the Strategy continues, with a community workshop held in May and follow up survey to gain additional feedback from participants.
4. Staff seek Joint Committee feedback on a proposed engagement strategy for mana whenua.

Discussion

5. We have now had two community workshops focussing on the concept designs for groynes and nourishment (representing the first step in the recommended pathways) at Haumoana and Te Awanga.
6. Following a workshop held in May, there is now agreement with workshop participants on the preferred design option for Haumoana, however, the Te Awanga option requires more discussion and refinement. A further workshop is being planned for this work.
7. Our next community workshop is scheduled for mid-June, focused on managed retreat.
8. Another project newsletter is due to go out in July 2021.
9. The Strategy is currently tracking towards a wider public consultation process (in the form of a proposed Long Term Plan amendment) in the first half of 2022.
10. A mana whenua engagement plan has been developed to outline how the Strategy proposes to engage with mana whenua in the lead up to the formal consultation process.
11. This pre-consultation step is considered important to ensure that mana whenua is appropriately recognised and informed about the proposal and able to provide feedback into the process before formal consultation commences.
12. There are multiple parties to engage with ahead of consultation:
 - 12.1. Post Settlement Governance Entities (PSGEs) – Maungaharuru Tangitū Trust, Mana Ahuriri Trust and Heretaunga Tamatea Settlement Trust¹
 - 12.2. Two of the four Ngāti Kahungunu Taiwhenua are relevant in this consultation – Te Taiwhenua o Te Whanganui ā Orotu and Te Taiwhenua o Heretaunga

¹ Each of these three PSGE's has a representative on the Clifton to Tangoio Coastal Hazards Strategy Joint Committee

- 12.3. Affected marae as defined below in paragraph 14
- 12.4. Māori land block owners. Note, Māori land block owners will be engaged separately ahead of consultation in March 2022.
13. We propose a staggered engagement approach with presentations being made to the Māori Committee (MC) which is composed of three representatives from each of the four Taiwhenua across our region, and the Regional Planning Committee which has appointees from 8 of the 9 PSGE's across the region. With both of these committees it is proposed that one or all three PSGE representatives on the Clifton to Tangoio Coastal Hazards Strategy Joint Committee would take an introductory lead on this agenda item. The purpose of the engagement is to gain feedback on the approach moving forward.
 - 13.1. Māori Committee: 9 June 2021
 - 13.2. Regional Planning Committee: 7 July 2021.
14. The presentation will include:
 - 14.1. Background of the strategy and context for consultation
 - 14.2. An overview of the proposed engagement approach
 - 14.3. Impact on specific marae
 - 14.4. Triggers and thresholds
 - 14.5. Coastal ecology.
15. We will ask to speak to the individual PSGEs and will offer to take the presentation to taiwhenua if requested.
16. Following these presentations, we will collate feedback and make changes as needed to either the presentation or the approach.
17. We propose to approach the seven marae we have identified as being potentially impacted (directly or indirectly) by coastal hazards. If possible, we would like to attend one of the marae committee meetings between August and November 2021:
 - 17.1. Tangoio
 - 17.2. Petane
 - 17.3. Matahiwi
 - 17.4. Kohupātiki
 - 17.5. Ruahapia
 - 17.6. Waipatu
 - 17.7. Waiohiki.
18. After meeting with marae we will set up regular communication in the form of a newsletter and confirm that we will return for formal consultation in March 2022.

Next Steps

19. We will present to the Māori Committee Meeting and the Regional Planning Committee respectively to obtain feedback on the engagement approach before engaging further with PSGEs or marae.

Decision Making Process

20. Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision making provisions do not apply.

Recommendation

That the Clifton to Tangoio Coastal Hazards Strategy Joint Committee receives and notes the “*Communication and Engagement Update*” staff report.

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Attachment/s

There are no attachments for this report.



CLIFTON TO TANGOIO COASTAL HAZARDS STRATEGY JOINT COMMITTEE

Friday 04 June 2021

Subject: DISCUSSION OF MINOR ITEMS NOT ON THE AGENDA

Reason for Report

1. This document has been prepared to assist Joint Committee members note the Minor Items Not on the Agenda to be discussed as determined earlier in Agenda Item 4.

Topic	Raised by