



Wainui Beach Management

Key Stakeholder Forum Meeting 6
2 April 2014

Purpose



- Give KSF members opportunity to fully understand WBMS proposed by Tonkin & Taylor & Eco Nomos
- Explore in detail with Richard Reinen-Hamill & Jim Dahm, any issues with proposed approach
- Ideally to reach agreement on WBMS

Agenda

1. Welcome
2. Apologies – Jeff Allen, John Logan
3. Minutes KSF Meeting 13 November 2013
4. Progress update
5. WBMS Report presentation
6. Open Forum
 - a. Clarifications
 - b. Work through issues
 - c. Address challenges
7. Identify any issues remaining
8. Determine level of consensus on issues and proposed WBMS
9. Next Steps
10. Next meeting 23 April

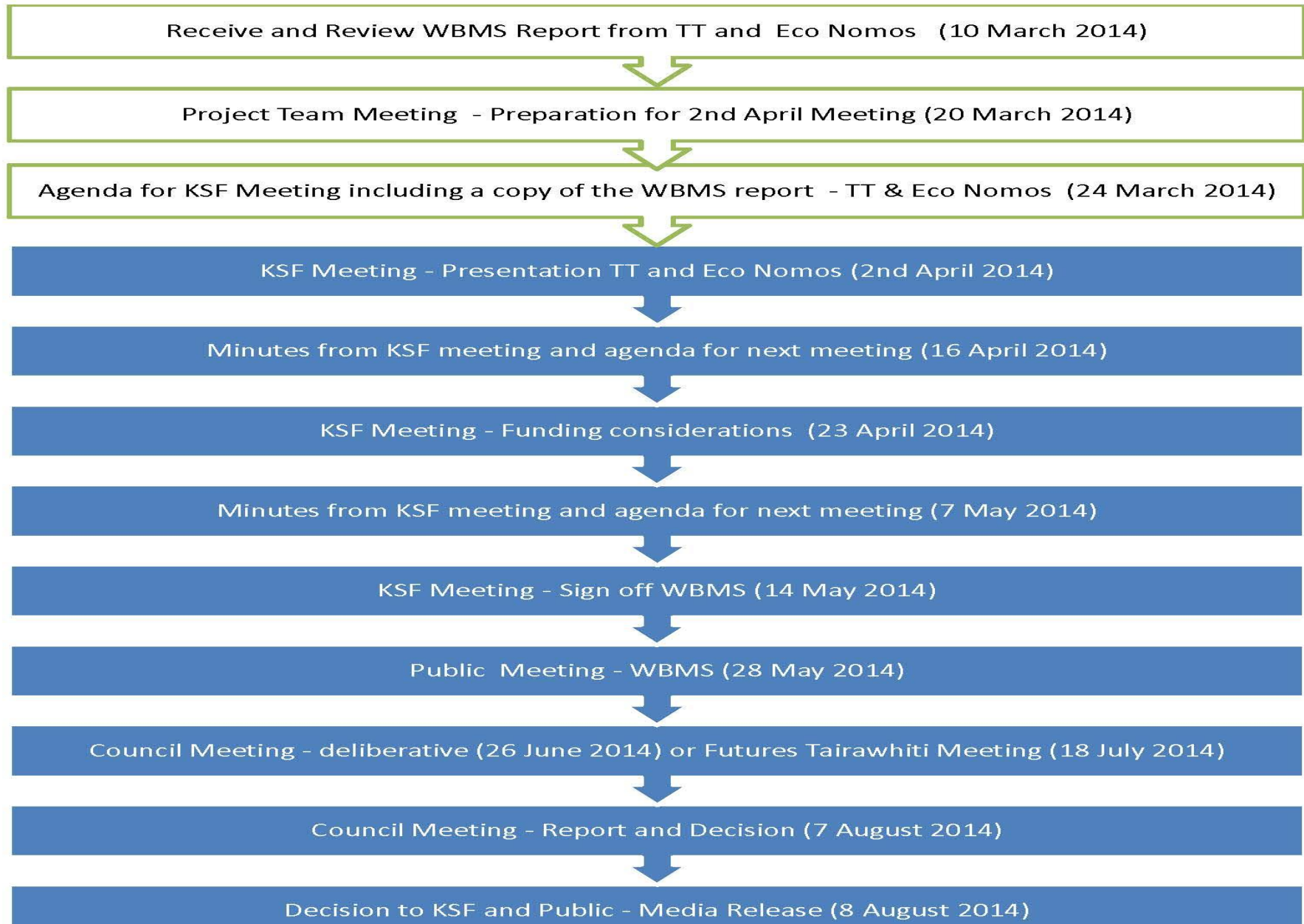


Progress Update

- Testing for subsurface information to establish depth of sand & location of wave cut rock scarp underlying sand
- WBMS Report prepared by Tonkin & Taylor & Eco Nomos



WBMS - Process Completion Chart



**Wainui
Beach
Management
Strategy
(WBMS)
Consultation
Opportunities**

- 1. Wainui Beach Management Strategy Creation**
- 2. Long Term Plan Process**
- 3. District or Coastal Plan Changes**
- 4. Resource Consents Required**

WBMS Creation

- To create the strategy there has been substantial consultation through
 - 1. Public Meetings
 - 2. Expert Presentations
 - 3. Key Stakeholder Forum Meetings
 - 4. Working Group Meetings
- The Strategy then will go through a Council Deliberative and at least one Meeting before seeking approval



Long Term Plan Process

- If any projects are identified through the strategy then these would need to be consulted through Long Term Plan (LTP) process
- As with all the projects in the LTP this would include consultation including submissions and opportunities to be heard.
- There is the possibility that there may even be pre-consultation for this as well - that is Council will ask for comments prior to the "formal" LTP process



- **District or Coastal Plan Changes**

Any Plan changes identified would need to go through the Plan change process. That is any changes to the District Plan or Coastal Plan will need to go through the RMA consultation process which includes formal submissions and the opportunity to be heard

- **Resource Consents Required**

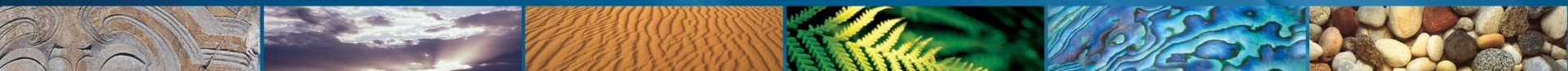
Any Resource Consents required will have to go through the RMA process where affected parties are provided the opportunity to submit, be heard and even appeal decisions



Wainui Beach Management Strategy

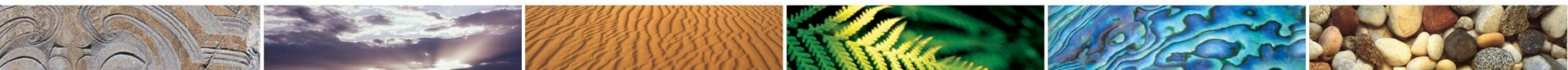
Jim Dahm (Economos Ltd)

Richard Reinen-Hamill (Tonkin & Taylor Ltd)



Introduction

- Team and role
- Overview of draft vision, goals and principles
- Discuss key options and philosophy and relationship with regulatory preference
- Present overarching strategy
- Discuss area by area approach



Agreed vision, goals and principles

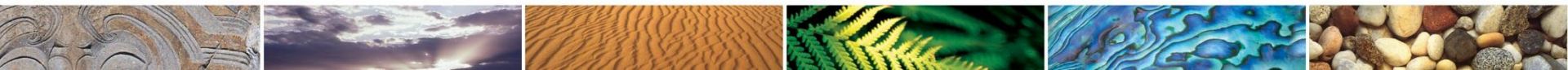
“Integrated management of Wainui Beach that conserves and enhances the environment for current and future generations”

Broad Goals:

- ☐ Retain beach access (public and private)
- ☐ Protect property (public and private)
- ☐ Conserve and enhance the natural environment

Key Principles:

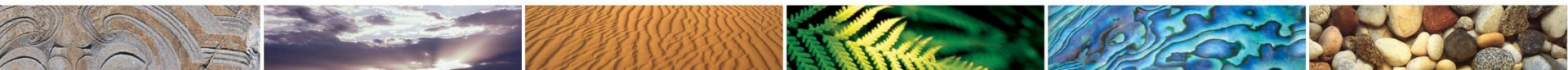
- ☐ Evidence based approach
 - ☐ Management strategy supported and relevant over longer term
 - ☐ Natural ecology of beach sustained
 - ☐ Needs of beach users and beachfront property owners balanced
 - ☐ Integrated and holistic approach recognising different issues along beach
- Affordability of management strategies for current and future generations
- ☐ Iconic surf breaks protected
 - ☐ Community and tangata whenua values reflected
 - ☐ Broad community acceptance



Options and philosophy

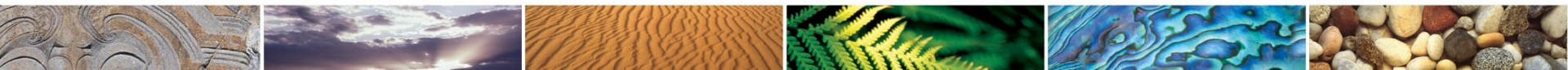
Decreasing preference

- **Risk avoidance** - Managing land use in hazard risk areas to avoid the creation of new risk or the exacerbation of existing risk. Landward relocation of assets to a safe location
- **Risk reduction** - Managing land use and development to reduce existing risk exposure over time
- **Living with erosion** – accepting erosion where appropriate
- **Mitigation of erosion** through protection and restoration of **natural buffers**
- **Soft engineering** measures which mitigate erosion using **natural buffers**
- **“Hard” engineering structures**, including new or existing sea walls or rock revetments.

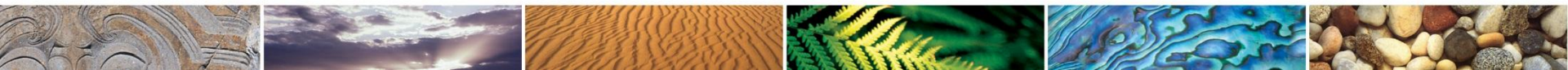
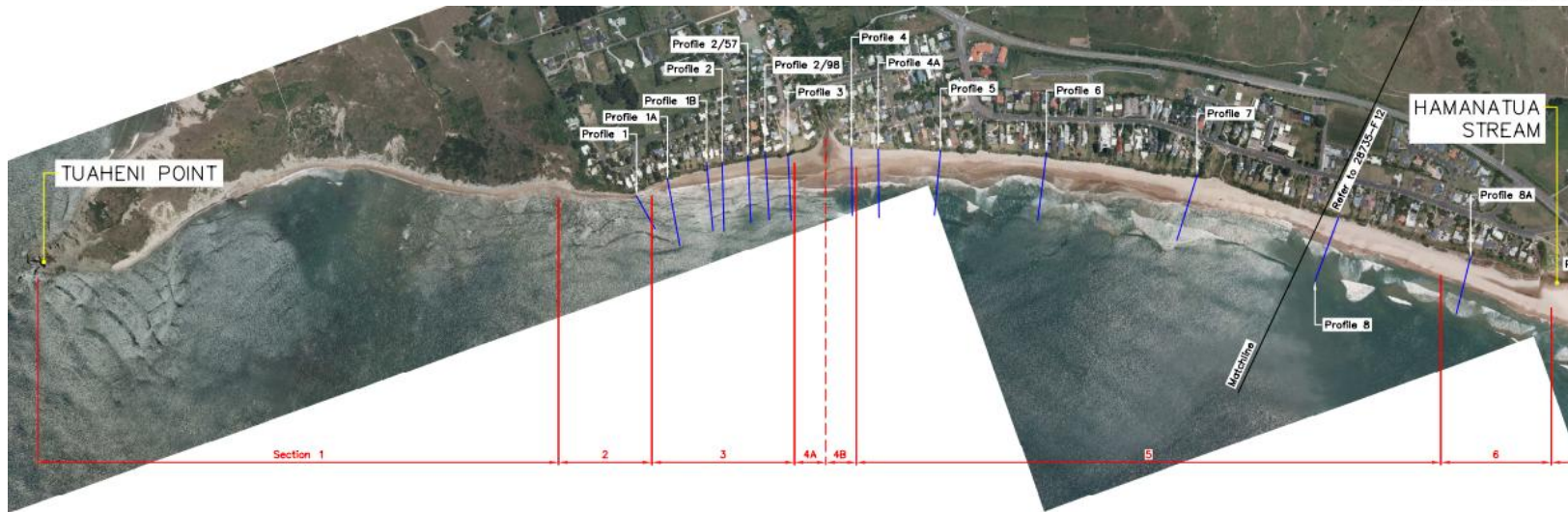


Summary of strategy

- Short to medium (now to 30 years)
 - Use of set backs and development controls
 - Dune restoration
 - Beach push ups for emergency response
 - Maintain/enhance hard protection of most at risk areas
 - Ongoing monitoring
 - Update hazard lines based on updated information and monitoring results
- Long term (30 – 100 years)
 - Consider relocation and removal if trigger conditions met
 - Removal of unnecessary structures



Beach Management Area



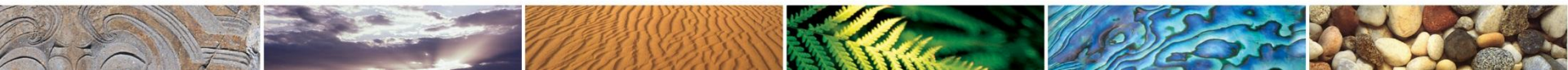
Section 1

0-30 years

Change from pastoral
to scrub/forest

0-100 years

Planning and
development controls



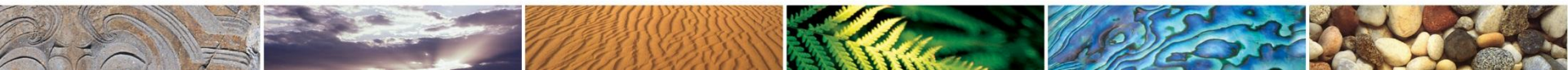
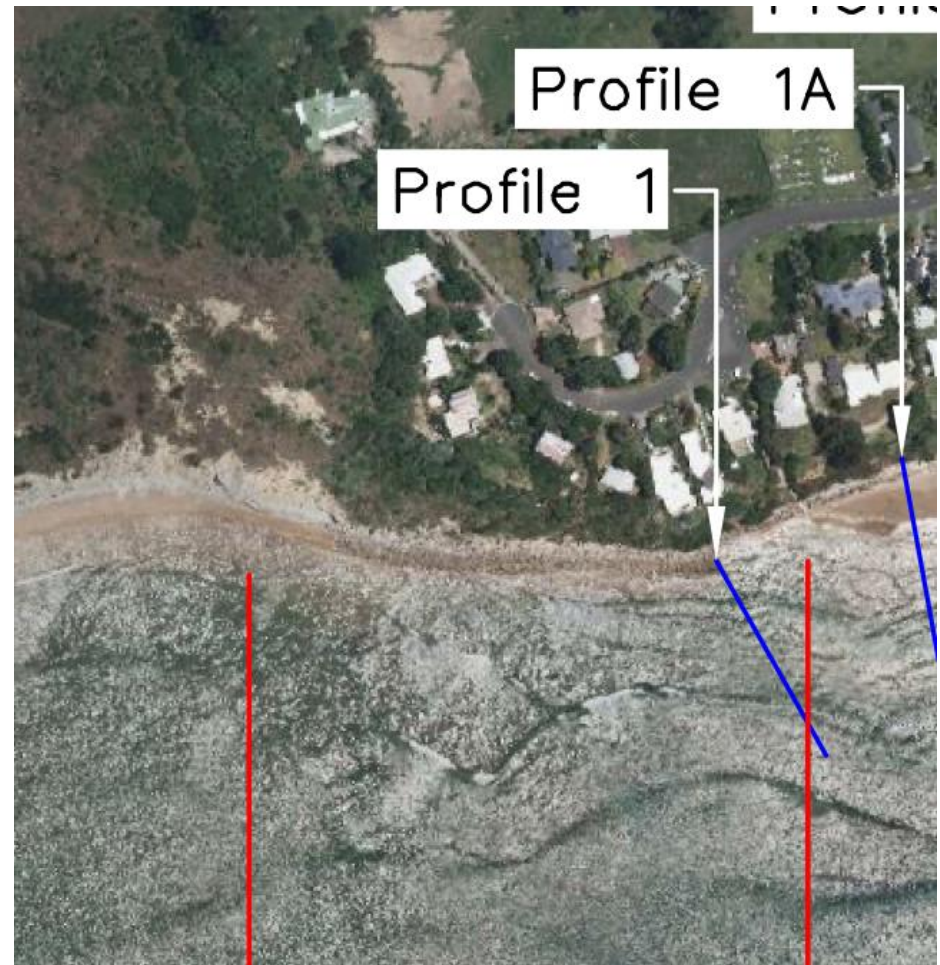
Section 2

0-30 years

Replace rail/rock wall
with rock revetment.
Consent period same as
existing

0-100 years

Planning and development
controls
Trigger mechanism for
change based on expiry of
existing seawall consents



Section 3

0-30 years

Retain and maintain existing structures

Restoration of dune vegetation and repair

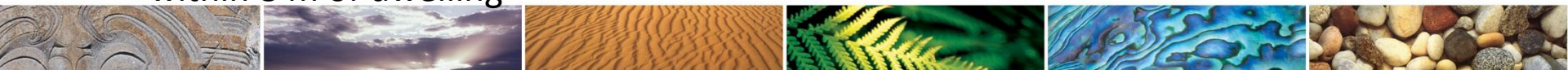
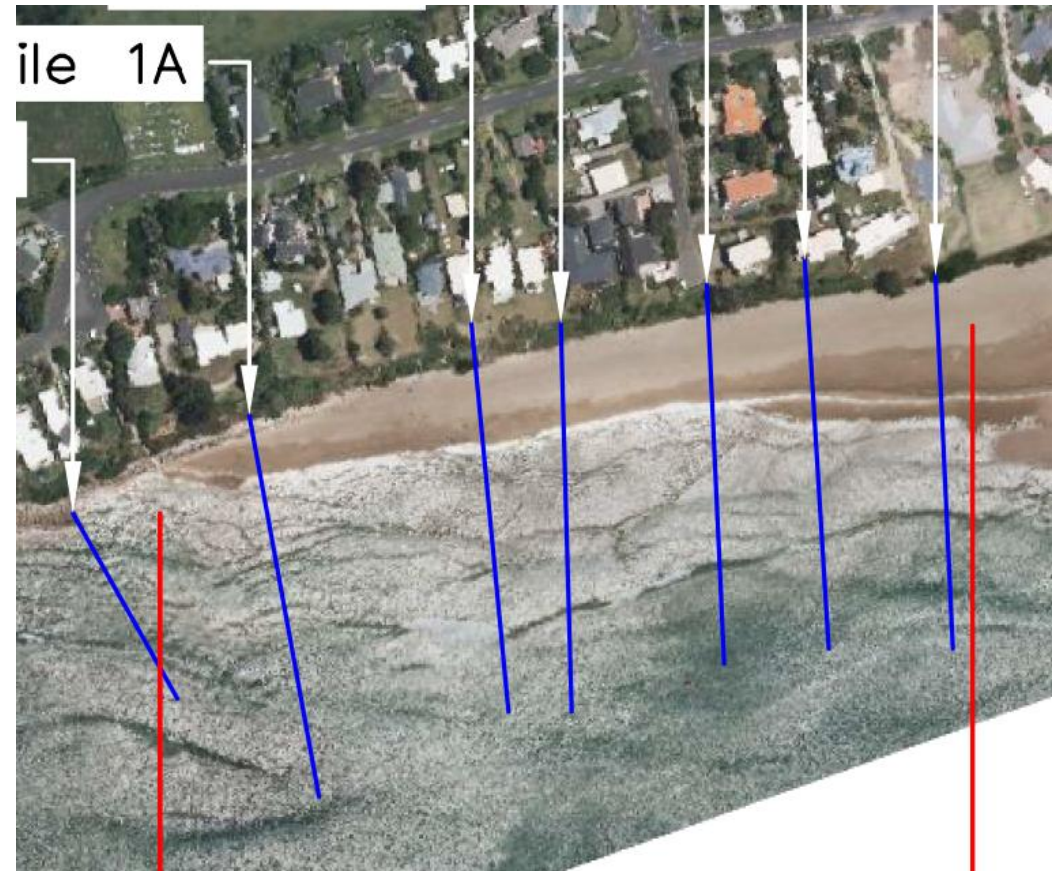
Sand push up for emergency response

Relocation of dwellings in extreme cases

0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



Section 4

0-30 years

Retain and maintain existing structures

Consider stream training and or landward relocation of any new seawall

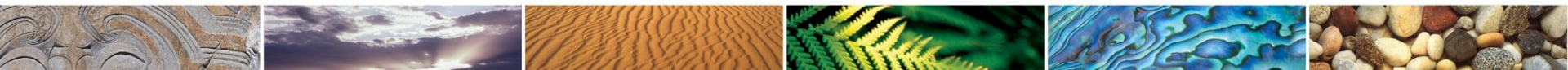
Restoration of dune vegetation and repair

Sand push up for emergency response

0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



Section 5

0-30 years

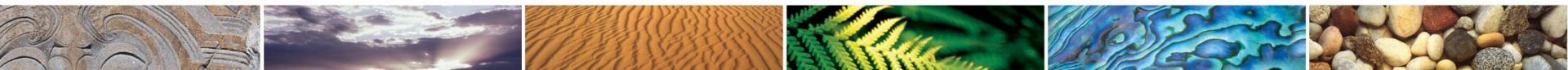
Restoration of dune
vegetation and repair

Sand push up for
emergency response

0-100 years

Planning and development
controls

Trigger mechanisms for
change based on erosion
within 8 m of dwelling



Section 6

0-30 years

Maintain stream training works and stream entrance

Relocation of surf club if being replaced

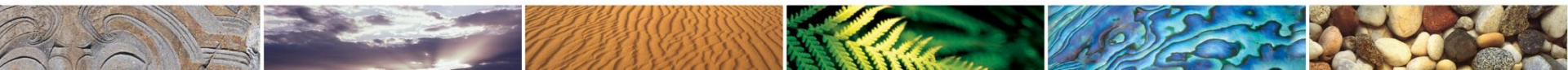
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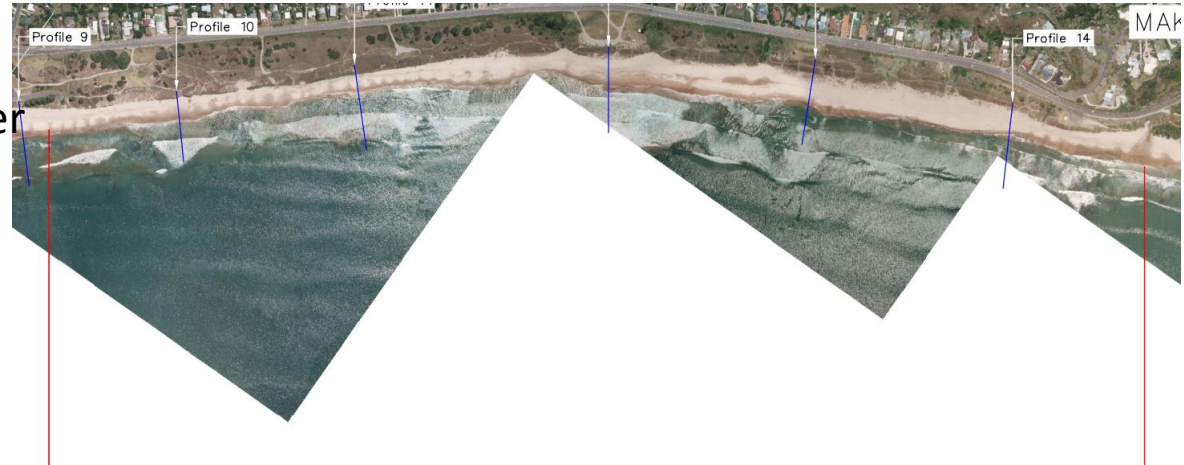
Section 7

0-30 years

Modification of stormwater outlet as required

Relocation of car parks as required

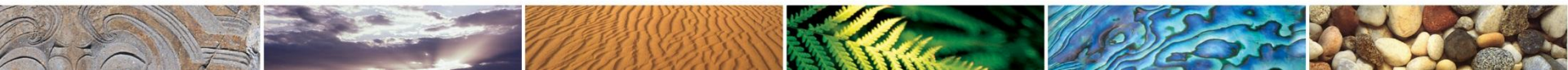
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0-100 years

Planning and development controls

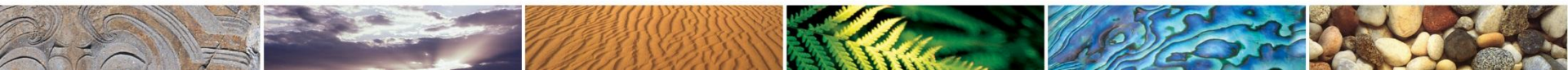
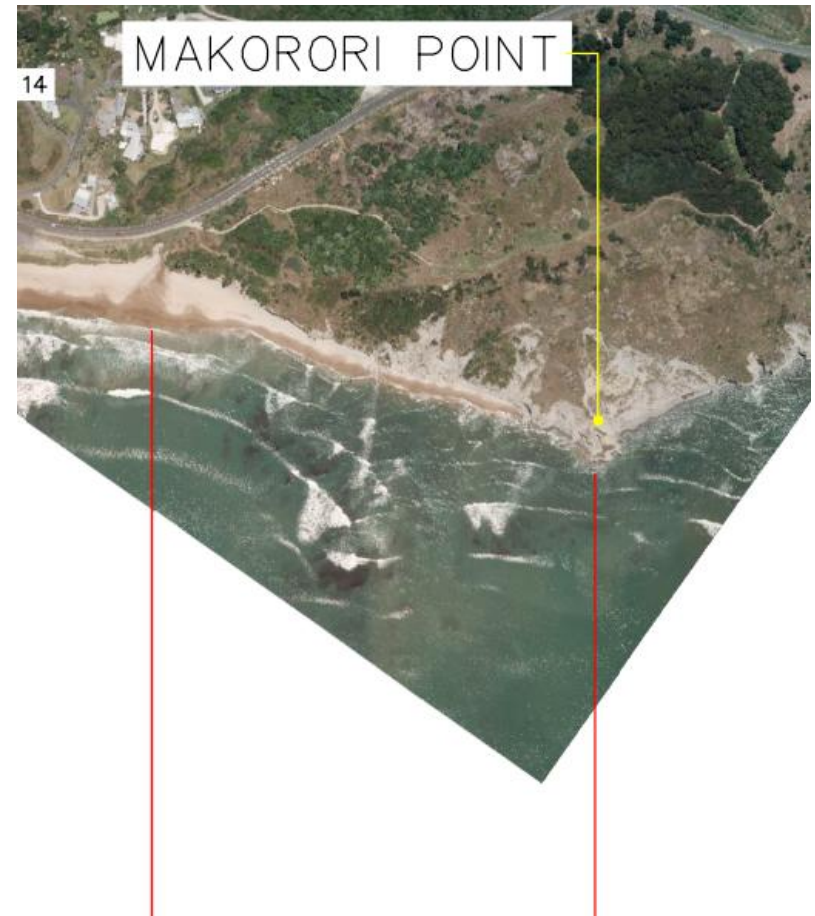
Trigger mechanisms for change based on erosion within 8 m of carpark asset



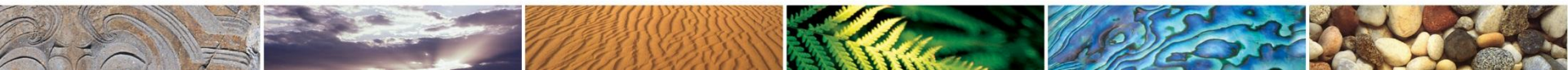
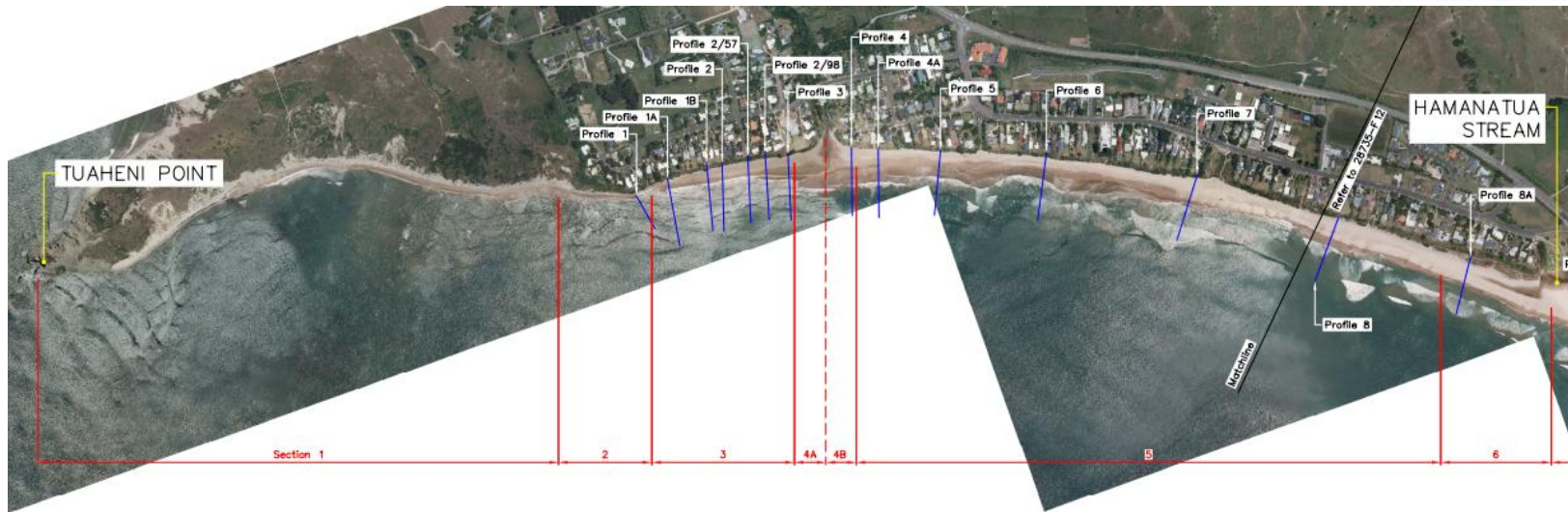
Section 8

0-100 years

Planning and development controls



Questions?

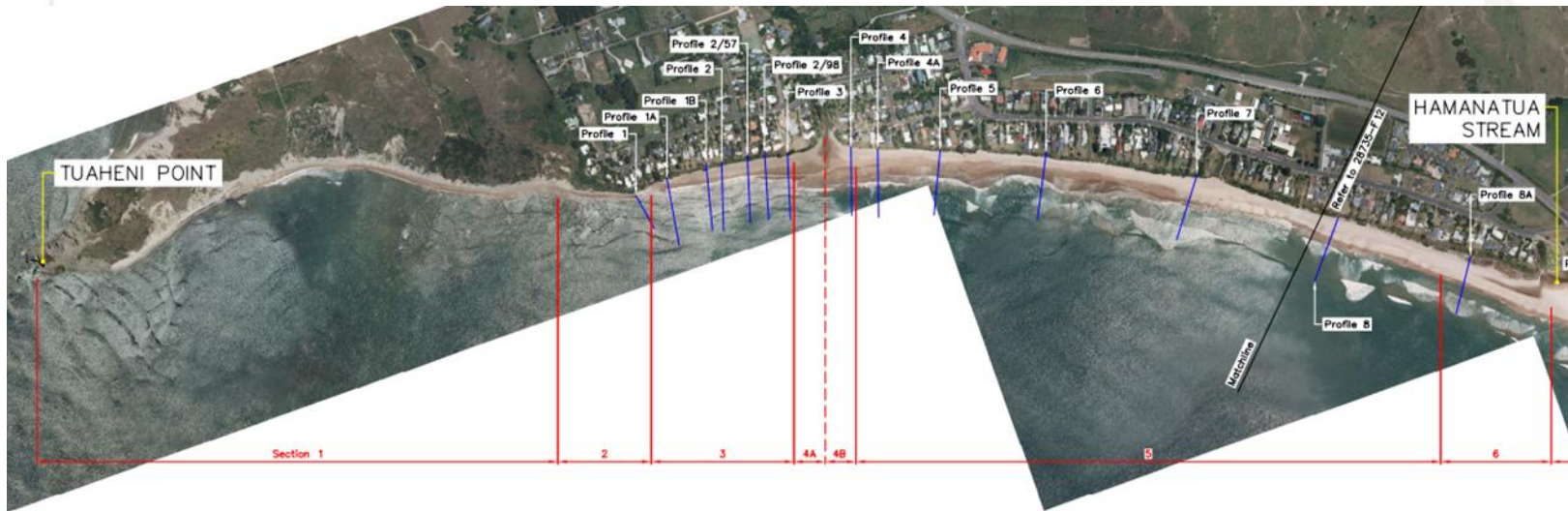


Open Forum

- Clarifications
- Work through Issues
- Address challenges



Any Remaining Issues?



Determine Level of Consensus

- Remaining Issues
- Proposed WBMS Approach



Consensus Section 1?

0-30 years

Change from
pastoral to
scrub/forest

0-100 years

Planning and
development controls



Consensus Section 2?

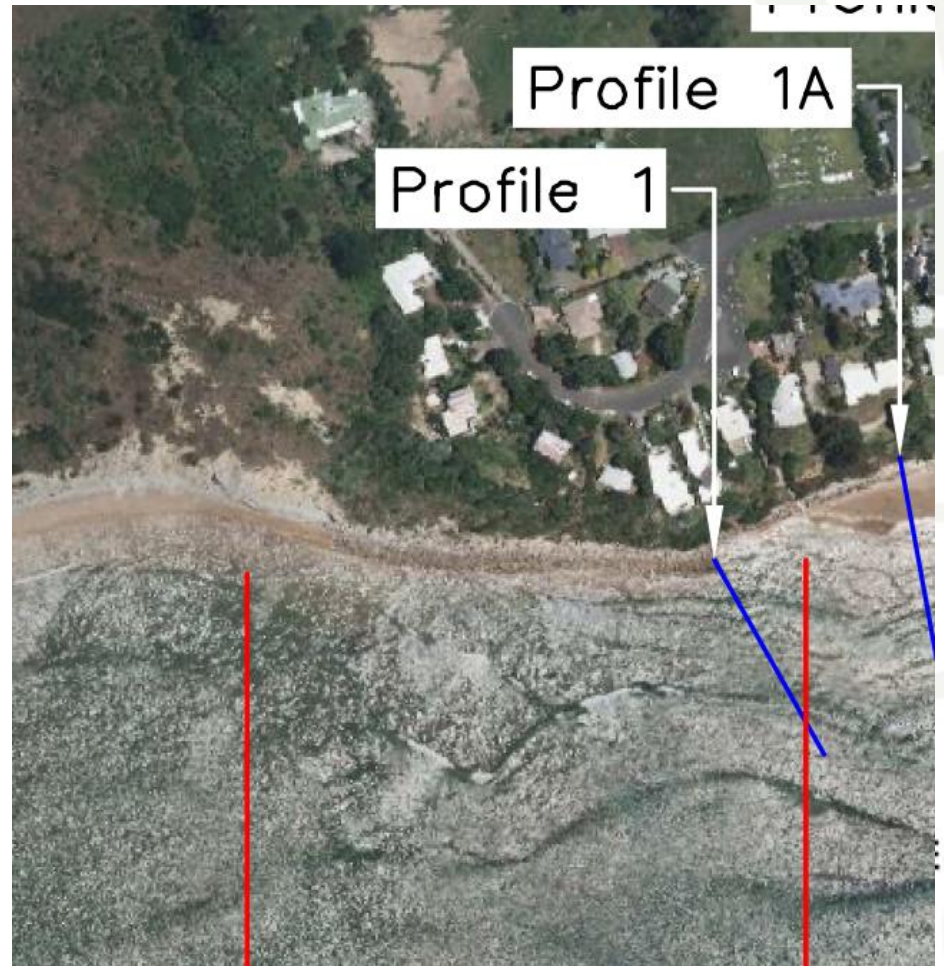
0-30 years

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Planning and development controls

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Consensus Section 3?

0-30 years

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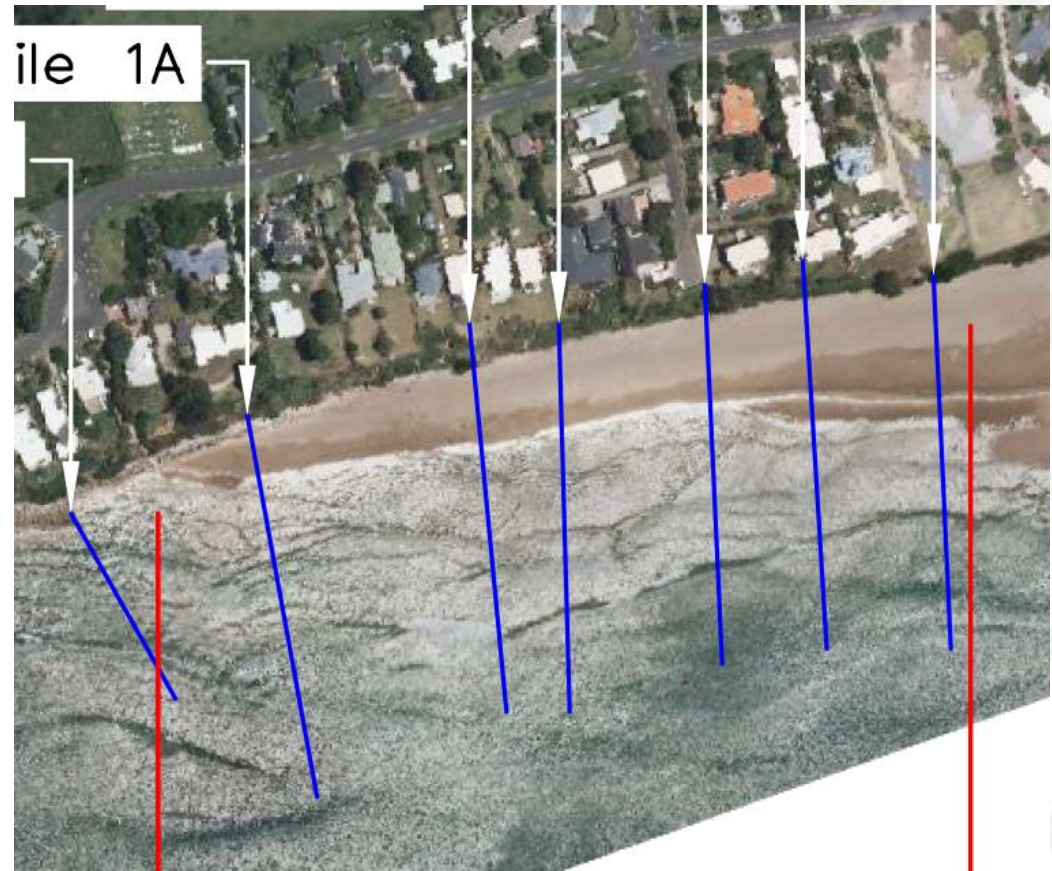
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0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



Consensus Section 4?

0-30 years

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Consider stream training and or landward relocation of any new seawall

Restoration of dune vegetation and repair

Sand push up for emergency response

0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



Consensus Section 5?

0-30 years

Restoration of dune vegetation and repair

Sand push up for emergency response

0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



Consensus Section 6?

0-30 years

Maintain stream training works and stream entrance

Relocation of surf club if being replaced

Restoration of dune vegetation and repair

Sand push up for emergency response

0-100 years

Planning and development controls

Trigger mechanisms for change based on erosion within 8 m of dwelling



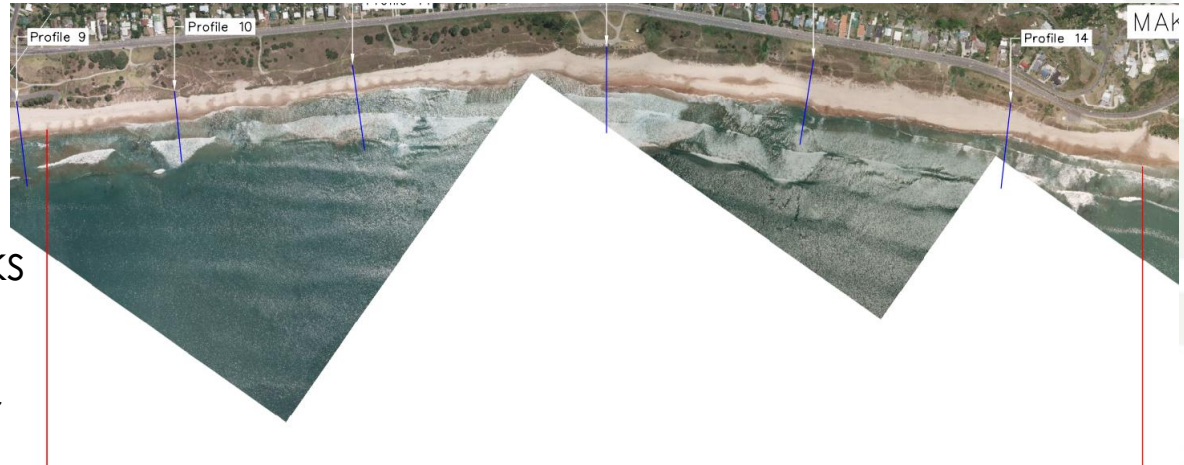
Consensus Section 7?

0-30 years

Modification of
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Relocation of car parks
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Restoration of dune
vegetation and repair



0-100 years

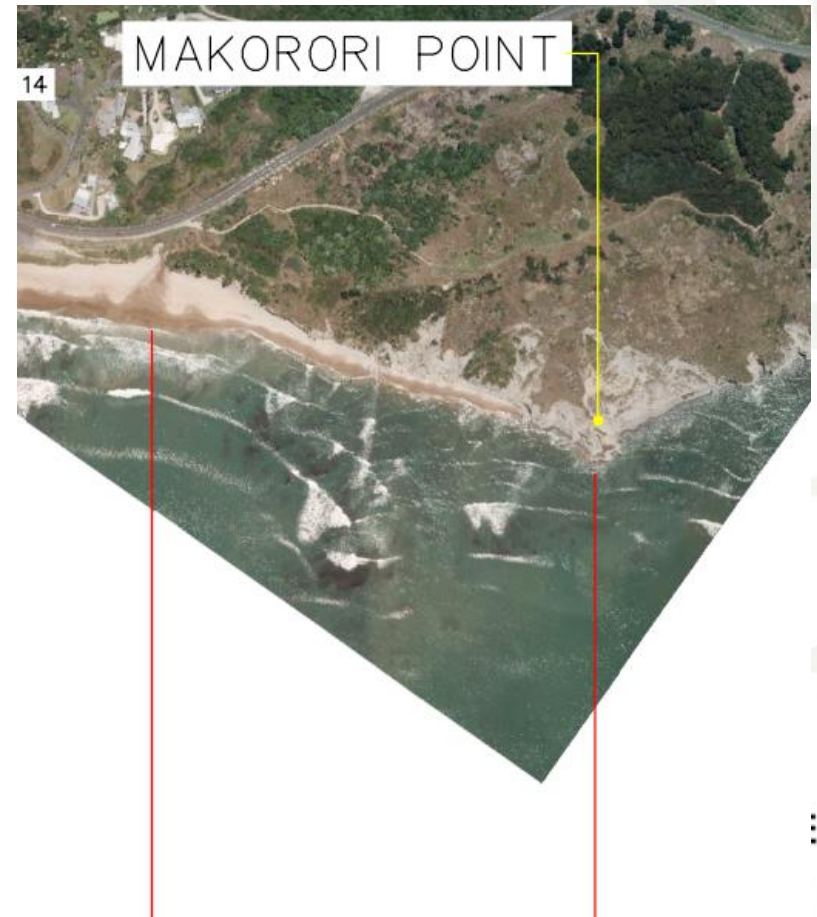
Planning and development
controls

Trigger mechanisms for
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Consensus Section 8?

0-100 years

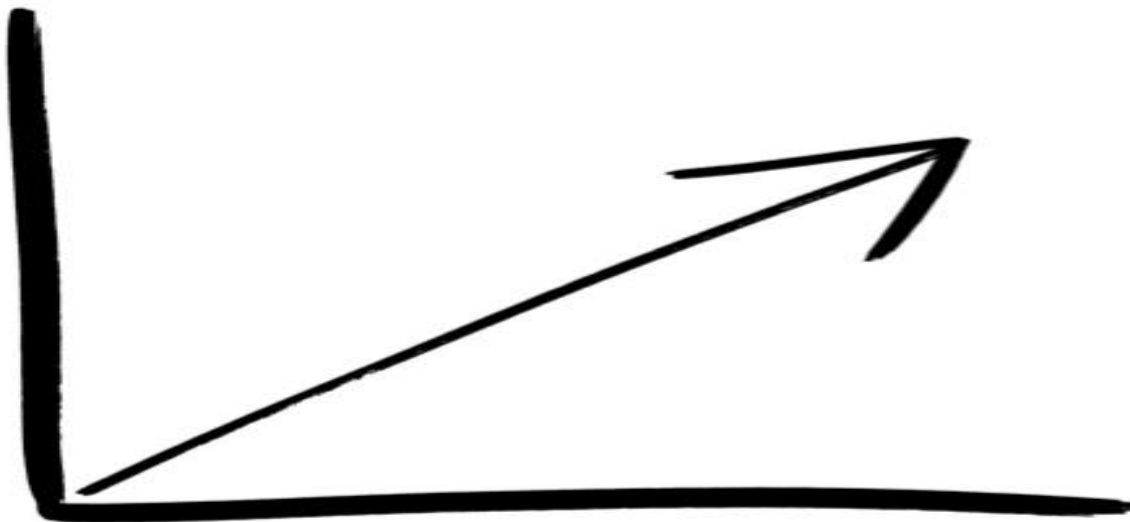
Planning and development
controls



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Where to From Here?

- To be determined at KSF meeting



Next Steps?

- To be determined at KSF meeting
- KSF meeting 6pm Wed 23 April – Funding considerations

