




# HAWKE'S BAY REGIONAL COUNCIL



SAFEGUARDING YOUR ENVIRONMENT + KAITIAKI TUKU IHO



## Variation 1: Proposed Regional Coastal Environment Plan - Rivermouth Hazard Areas

COUNCIL DECISIONS

6 June 2012

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## Variation 1: Proposed Regional Coastal Environment Plan – Rivermouth Hazard Areas

Council Decisions issued 6 June 2012

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# Part 1

## Decision Interpretation Guide

This document contains the Hawke's Bay Regional Council's Decisions on submissions to Variation 1: Proposed Regional Coastal Environment Plan - Rivermouth Hazard Areas. Council's decisions are 'grouped' according to common themes (or "topics").

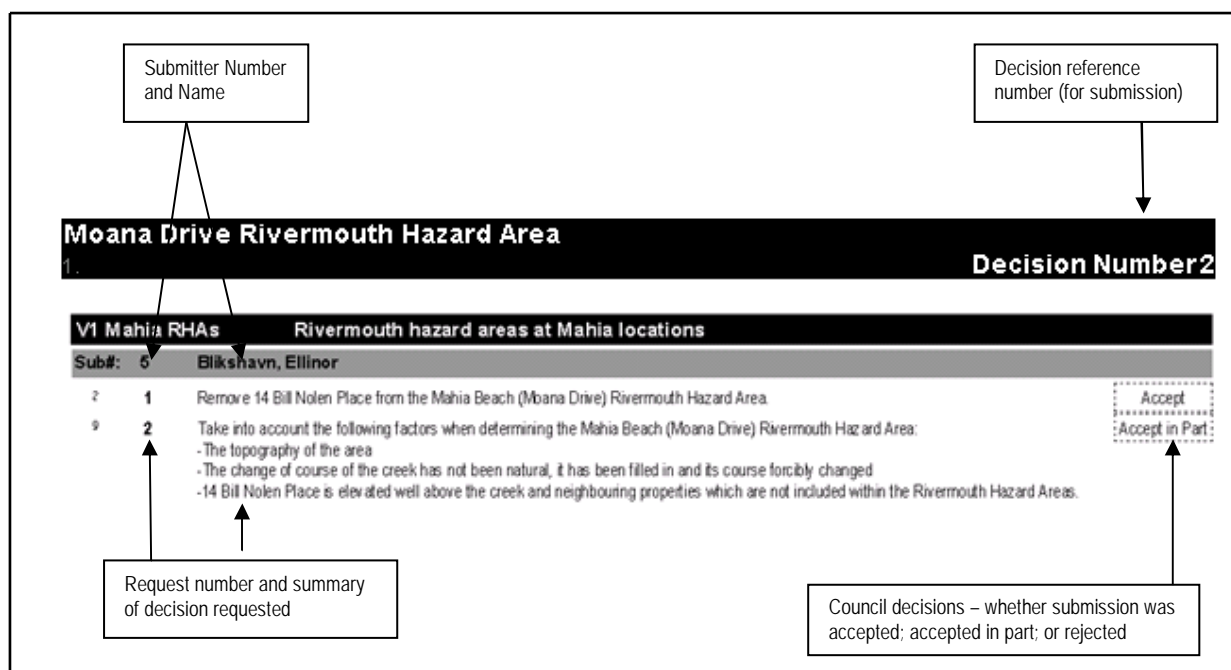
Each 'group' of decisions has been allocated a decision number and is presented in Part 2 using the following headings. Appendix 1 provides an Index of Submitters and the associated decision number, and Appendix 2 sets out Variation 1 as amended by Council's decisions.

**Topic Number** A reference number and generic title allocated to a broad collection of similar submissions.

**Decisions** A summary of the outcomes arising from accepting, accepting in part or rejecting submissions is presented here. Actions may refer to Appendix 2 and state that provisions in Variation 1 are retained, deleted or amended. Key attributes of submissions are also presented here, with a corresponding accept, accept in part or reject. An example of the format used in this section is set out below.

**Accordingly** The Council's decisions specifying whether individual submissions be accepted, accepted in part or rejected. Submission reference numbers appear as Submitter Number (e.g. 5) followed by Statement Number (e.g. 1) so using the example below, the submission would be referred to 5/1 and 5/2.

**Reasons** The principal reasons given by the Council for its decisions to accept, accept in part or reject submissions.



# Part 2

## Decisions on Submissions to Variation 1: Proposed Regional Coastal Environment Plan

### TOPIC 1 - DELETE RIVERMOUTH HAZARD AREAS

#### Delete Rivermouth Hazard Areas from Coastal Hazard Zone 1

Decision Number 1

##### V1 General      General matters in Variation 1

Sub#: 25      Scott, Jacob Manu & Wiggins Yohanna

1      Delete the Rivermouth Hazard Areas from Coastal Hazard Zone 1 and not reinstate them.

Reject

- (a) That Rivermouth Hazard Areas remain mapped as part of CHZ1 in the RCEP.
- (b) That the definition of 'Coastal Hazard Zone 1' be retained in the RCEP as specified in Paragraph 6(b)(ii) of the Overview report<sup>1</sup>.

Accordingly:

REJECT

Submission by:                      Jacob Scott & Yohanna Wiggins      25/1

#### Reasons

- (a) Deleting the Rivermouth Hazard Areas would not assist the Council to fulfil its functions under the RMA.
- (b) The mapping of Rivermouth Hazard Areas in the RCEP is considered to be the most appropriate means of assisting HBRC to manage those areas at risk from both erosion and inundation. In doing so, will give effect to relevant policies in the NZCPS and RCEP.
- (c) Rivermouth areas that are susceptible to coastal hazards and catchment/river flows, have a high risk of both erosion and inundation occurring in the short term. A 'CHZ1' zoning is most appropriate for the degree of risk in these locations as it will ensure proper account is taken of coastal hazards at rivermouths, and effects of activities in rivermouth hazard areas can be controlled in a consistent and integrated way.

<sup>1</sup> "Variation 1: Regional Coastal Environment Plan – Rivermouth Hazard Areas; Officer's s42A Hearing Report"; May 2012.

## TOPIC 2 – MAHIA RIVERMOUTH HAZARD AREAS

### Moana Drive Rivermouth Hazard Area

Decision Number 2

V1 Mahia RHAs		Rivermouth hazard areas at Mahia locations	
<b>Sub#: 5 Blikshavn, Ellinor</b>			
2	1	Remove 14 Bill Nolan Place from the Mahia Beach (Moana Drive) Rivermouth Hazard Area.	Accept
9	2	Take into account the following factors when determining the Mahia Beach (Moana Drive) Rivermouth Hazard Area: -The topography of the area -The change of course of the creek has not been natural, it has been filled in and its course forcibly changed -14 Bill Nolan Place is elevated well above the creek and neighbouring properties which are not included within the Rivermouth Hazard Areas.	Accept in Part
<b>Sub#: 9 Bryant, Karen Mary</b>			
2	1	Remove 10 Bill Nolan Place from the Mahia Beach (Moana Drive) Rivermouth Hazard Area.	Accept
2	2	No specific decision requested, but states that the designation of the Mahia Beach (Moana Drive) Rivermouth Hazard Area is not supported or opposed, it is the inclusion of the small corner piece of 10 Bill Nolan Place within the hazard area which is opposed.	Accept
2	3	That a review of the extent of the Mahia Beach (Moana Drive) Rivermouth Hazard Area be undertaken. In particular assess whether 10 Bill Nolan Place fits into the definition of being within a Rivermouth Hazard Area.	Accept in Part
<b>Sub#: 18 King, Richard Clifford Blyth</b>			
2	1	Remove 12 Bill Nolan Place from the Mahia Beach (Moana Drive) Rivermouth Hazard Area.	Accept
<b>Sub#: 19 Lawson, David &amp; Wendy</b>			
	1A	Delete the Mahia Beach Rivermouth Hazard Area (i.e. Taylors Bay and Moana Drive Rivermouth Hazard Areas).	Reject
	2	Remove number 110 Newcastle Street from the Mahia Beach (Moana Drive) Rivermouth Hazard Area.	Accept
	3	Take into account the following factors when determining the Mahia Beach (Moana Drive) Rivermouth Hazard Area: - the topography of the area - the history of the area - the elevation of 110 Newcastle Street.	Accept

- (a) The Moana Drive Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any consequential amendments made.

Accordingly:

#### ACCEPT

Submissions By:	Blikshavn, Ellinor	5/1
	Bryant, Mary	9/1, 9/2
	King, Richard	18/1
	Lawson, David & Wendy	19/2
	Lawson, David & Wendy	19/3

#### ACCEPT IN PART

Submissions By: Blikshavn, Ellinor [5/2] insofar as the topography of the area, the modified course of the creek and the elevation of 14 Bill Nolan Place was taken into account when reviewing the Moana Drive Rivermouth Hazard Area;  
Bryant, Mary [9/3] insofar as the extent of the Moana Drive Rivermouth Hazard Area was reviewed by T&T.

#### REJECT

Submissions by: Lawson, David & Wendy 19/1A

## Reasons

- (a) Deleting the Moana Drive Rivermouth Hazard Areas would not assist the Council to fulfil its functions under the RMA, or give proper effect to policies in the NZCPS and RCEP.
- (b) LiDAR data has allowed the inundation hazard for this area to more accurately assessed, and indicates that the Moana Drive Rivermouth Hazard Area can be re-aligned with the landward extent of the adjacent CHZ2 boundaries.
- (c) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Moana Drive Rivermouth Hazard Area.

## Taylor's Bay Rivermouth Hazard Area

Decision Number 3

V1 Mahia RHAs		Rivermouth hazard areas at Mahia locations	
Sub#: 11	Combs, Michael & Penny		
1	Remove 182 and 184 Newcastle Street from the Mahia Beach (Taylor's Bay) Rivermouth Hazard Area.		Accept
Sub#: 19	Lawson, David & Wendy		
1B	Delete the Mahia Beach Rivermouth Hazard Area (i.e. Taylor's Bay and Moana Drive Rivermouth Hazard Areas).		Reject
Sub#: 23	Preddey, Marie & John		
1	That the rock rip-rap revetment coastal protection structure located in front of 182 and 184 Newcastle Street be taken into account when determining the location of the Mahia Beach (Taylor's Bay) Rivermouth Hazard Area.		Reject
2	Remove 182 and 184 Newcastle Street from the Mahia Beach (Taylor's Bay) Rivermouth Hazard Area.		Accept

- (a) The Taylor's Bay Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any necessary consequential amendments made.

Accordingly:

### ACCEPT

Submissions by: Combs, Michael & Penny 11/1  
Preddey, Marie & John 23/2

### REJECT

Submissions by: Lawson, David & Wendy 19/1B  
Preddey, Marie & John 23/1

## Reasons

- (a) Deleting the Taylor's Bay Rivermouth Hazard Areas would not assist the Council to fulfil its functions under the RMA, or give proper effect to policies in the NZCPS and RCEP.
- (b) LiDAR data has enabled the inundation hazard for this area to more accurately assessed, and indicates that the Rivermouth Hazard Area can be reduced in size.
- (c) There are no guarantees that existing coastal protection structures will remain intact and mitigate erosion risk in the long term.
- (d) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Taylor's Bay Rivermouth Hazard Area.

## TOPIC 3 – ESK RIVERMOUTH HAZARD AREA

### Esk Rivermouth Hazard Area

Decision Number 4

V1 Esk RHAs		Rivermouth hazard areas at Esk River	
<b>Sub#: 7</b>	<b>Bruce, EM</b>		
1	Delete the Esk Rivermouth Hazard Area until the Council has undertaken the necessary analysis to confirm this Area is at risk from inundation.		Accept in Part
<b>Sub#: 8</b>	<b>Bruce, M</b>		
1	Delete the Esk Rivermouth Hazard Area until the Council has undertaken the necessary analysis to confirm this Area is at risk from inundation and/or erosion from the Esk Rivermouth.		Accept in Part
<b>Sub#: 12</b>	<b>Duncum, MJ</b>		
1	Delete the Esk Rivermouth Hazard Area until the Council has undertaken the necessary analysis to confirm this Area is at risk from inundation.		Accept in Part
<b>Sub#: 13</b>	<b>Forbes, Denise</b>		
1	Delete the Esk Rivermouth Hazard Area until the Council has undertaken the necessary analysis to confirm this Area is at risk from inundation and/or erosion arising from the Esk Rivermouth.		Accept in Part

- (a) The Esk Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any consequential amendments made.

Accordingly:

#### ACCEPT IN PART

Submissions by:

Bruce, EM [7/1]; insofar as number 104 North Shore Road has been removed from the Esk Rivermouth Hazard Area; and Tonkin and Taylor Limited have undertaken further analysis which takes into account the topography, history and elevations of the area, and confirms that the area around the Esk Rivermouth is likely to be susceptible to both erosion and extreme inundation in the short term.

Bruce, M [8/1]; insofar as number 105 North Shore Road has been removed from the Esk Rivermouth Hazard Area; and Tonkin and Taylor Limited have undertaken further analysis which takes into account the topography, history and elevations of the area, and confirms that the area around the Esk Rivermouth is likely to be susceptible to both erosion and extreme inundation in the short term.

Duncum, MJ [12/1]; insofar as numbers 102 and 103 North Shore Road have been removed from the Esk Rivermouth Hazard Area; and Tonkin and Taylor Limited have undertaken further analysis which takes into account the topography, history and elevations of the area, and confirms that the area around the Esk Rivermouth is likely to be susceptible to both erosion and extreme inundation in the short term.

Forbes, Denise [13/1] insofar as number 101 North Shore Road has been removed from the Esk Rivermouth Hazard Area; and Tonkin and Taylor Limited have undertaken further analysis which takes into account the topography, history and elevations of the area, and confirms that the area around the Esk Rivermouth is likely to be susceptible to both erosion and extreme inundation in the short term.



## **Reasons**

- (a) Deleting the Esk Rivermouth Hazard Area in its entirety would not assist the Council to fulfil its functions under the RMA, or give proper effect to policies in the NZCPS and RCEP.
- (b) Aerial photographs and LiDAR data has enabled the inundation hazard for this area to more accurately assessed, and indicates that the northern extent of the Esk Rivermouth Hazard Area can be reduced in size.
- (c) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Esk Rivermouth Hazard Area.

## TOPIC 4 – TUKITUKI RIVERMOUTH HAZARD AREA

### Tukituki Rivermouth Hazard Area

### Decision Number 5

VI Tukituki RHAs		Rivermouth hazard areas at Tukituki River	
<b>Sub#: 2</b>	<b>Barnes, Colin &amp; Judith</b>		
1	EITHER: 1. Exclude properties adjacent to the Grange Creek stop-bank from the Tukituki Rivermouth Hazard Area; OR 2. Include all properties adjacent to Grange Creek in the Tukituki Rivermouth Hazard Area.		Accept in Part
<b>Sub#: 10</b>	<b>Brynildsen, Robyn Marion</b>		
1	Remove 14 Gow Avenue from the Tukituki Rivermouth Hazard Area (a small corner of this property is located within the Hazard area).		Accept
<b>Sub#: 17</b>	<b>King, Linley</b>		
1	Amend the Tukituki Rivermouth Hazard Area to exclude private property behind the north-western Tukituki River stop-bank.		Accept
<b>Sub#: 25</b>	<b>Scott, Jacob Manu &amp; Wiggins Yohanna</b>		
3	That a more detailed survey be undertaken to better define the location of the Tukituki Rivermouth Hazard Area.		Accept in Part
4	Should Variation 1 proceed, amend the boundary of the Tukituki Rivermouth Hazard Area to run along the centre of the southern Stopbank.		Accept
<b>Sub#: 26</b>	<b>Steevens, Earl</b>		
1	Amend the northern boundary of the Tukituki Rivermouth Hazard area to run along the stopbank.		Accept
<b>Sub#: 27</b>	<b>van Hooijdonk, Marcel</b>		
1	Amend the zoning of the Tukituki Rivermouth Hazard Area from Coastal Hazard Zone 1 to Coastal Hazard Zone 3.		Reject

- (a) The Tukituki Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any consequential amendments made.
- (b) The zoning of the Tukituki Rivermouth Hazard Area be retained as part of Coastal Hazard Zone 1.

Accordingly:

#### ACCEPT IN PART

Submissions by: Barnes, Colin & Judith [2/1] insofar as properties located adjacent to the Grange Creek stop bank have been excluded from the Tukituki Rivermouth Hazard Area;

Jacob Manu Scott & Yohanna Wiggins [25/3] insofar as T&T have undertaken a more detailed assessment of the Tukituki Rivermouth Hazard Zone.

#### ACCEPT

Submissions by: Brynildsen, Robyn 10/1  
King, Linley 17/1  
Scott, Jacob & Wiggins, Yohanna 25/4  
Steevens, Earl 26/1

#### REJECT

Submission by: Van Hoodijdonk, Marcel 27/1

## Reasons

- (a) HBRC are required to maintain the Tukituki River stop banks in accordance with its functions under the Soil Conservation and River Control Act. This means the Tukituki Rivermouth Hazard Area can be re-aligned with the top of the stop bank.
- (b) The amended Tukituki Rivermouth Hazard Area has a high risk of erosion and inundation occurring in the short term, due to the hydraulic forcing of the estuary system. A 'CHZ1' zoning is most appropriate for the degree of risk in this location as it will ensure proper account is taken of coastal hazards at rivermouths, and effects of activities in rivermouth hazard areas can be controlled in a consistent and integrated way.
- (c) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Tukituki Rivermouth Hazard Area.
- (d) Rivermouth Hazard Areas are areas along the coast which are susceptible to both coastal hazards and catchment derived flows, meaning they have a high erosion and extreme inundation risk.

## TOPIC 5 – OCEAN BEACH RIVERMOUTH HAZARD AREA

### Haupouri Rivermouth Hazard Area

Decision Number 6

#### V1 Ocean Beach RHA Rivermouth hazard areas at Ocean Beach locations

Sub#: 14 Hocquard, Philip

- 1 No specific decision requested, but states opposition the Ocean Beach (Haupouri) Rivermouth Hazard Areas being included in the Proposed Regional Coastal Environment Plan.

Reject

- (a) The Haupouri Rivermouth Hazard Area be retained in the RCEP as notified.

Accordingly:

REJECT

Submission by: Hocquard, Phillip 14/1

#### Reasons

- (a) Aerial photographs and LiDAR data clearly show that the shoreline is susceptible to both coastal hazards and catchment derived flows at this location. As such, the area has high erosion and inundation risk, meaning a Rivermouth Hazard zoning is appropriate for this location.
- (b) The Haupouri Rivermouth Hazard Area is still susceptible to both erosion and inundation hazards despite there being no permanent river or stream within the area.
- (c) Deleting the Haupouri Rivermouth Hazard Area would not assist the Council to fulfil its functions under the RMA, or give proper effect to policies in the NZCPS and RCEP.

## TOPIC 6 – WAIMARAMA RIVERMOUTH HAZARD AREAS

### Harper Road Rivermouth Hazard Area

**Decision Number 7**

#### V1 Waimarama RHAs Rivermouth hazard areas at Waimarama locations

<b>Sub#: 3</b>	<b>Blake, John William</b>		
2	1	Remove 136 Harper Road from the Waimarama (Harper Road) Rivermouth Hazard Area.	Accept
<b>Sub#: 4</b>	<b>Blake, Viviene</b>		
2	1	Remove 129, 134 and 136 Harper Road from the Waimarama (Harper Road) Rivermouth Hazard Area.	Accept
<b>Sub#: 6</b>	<b>Bone, David Ralph</b>		
2	1	No specific decision requested, but implies 134 Harper Road should be removed from the Waimarama (Harper Road) Rivermouth Hazard Area.	Accept
<b>Sub#: 29</b>	<b>Wylie, Cameron Andrew</b>		
2	1	EITHER: 1. Justify and support with reasons the inclusion of 126 Harper Road in the Waimarama North Rivermouth Hazard Area; OR 2. Remove 124 Harper Road and adjacent properties from the Waimarama (Harper Road) Rivermouth Hazard Area.	Accept in Part

- (a) The Harper Road Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any consequential amendments made.

Accordingly:

#### ACCEPT IN PART

Submissions by: Wylie, Cameron [29/1] insofar as properties numbered 124, 129, 134 and 136 Harper Road have been removed from the Harper Road Rivermouth Hazard Area.

#### ACCEPT

Submissions by: Bone, David [6/1]  
Blake, William [3/1]  
Blake, Viviene [4/1]

#### Reasons

- (a) LiDAR data has enabled the inundation hazard for the Harper Road Rivermouth Hazard area to more accurately assessed, and indicates that the area can be reduced in size.
- (b) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Harper Road Rivermouth Hazard Area.
- (c) There are no guarantees that existing coastal protection structures will remain intact and mitigate erosion risk in the long term.
- (d) Deleting or amending the Harper Road Rivermouth Hazard Area would not assist HBRC to manage the erosion and inundation risk for this area, or give proper effect to policies in the NZCPS and RCEP.

**V1 Waimarama RHAs Rivermouth hazard areas at Waimarama locations**

**Sub#: 15 Hunter, Robert Ian**

2 1 Amend the Waimarama North (Waingongoro Stream) Rivermouth Hazard Area to reflect reality and not an aerial imagery/Google Earth version of reality.

Reject

(a) The Waingongoro Stream Rivermouth Hazard Area be retained in the RCEP as notified.

Accordingly:

**REJECT**

Submission by: Hunter, Roberts [15/1]

**Reasons**

- (a) The aerial photograph clearly shows that the dune system located to the north of the Waingongoro Stream is being eroded as the stream migrates north, meaning there is no reduction in erosion risk from the existence of this dune system.
- (b) Aerial photographs clearly show that the area is susceptible to both coastal hazards and catchment derived flows meaning the area has high erosion and inundation risk. As such, a Rivermouth Hazard Zoning is appropriate for this location.
- (c) Deleting or amending the Waingongoro Stream Rivermouth Hazard Area would not assist HBRC to manage the erosion and inundation risk for this area, or give proper effect to policies in the NZCPS and RCEP.

## TOPIC 7– TE APITI STREAM RIVERMOUTH HAZARD AREA

### Te Apiti Stream Rivermouth Hazard Area

Decision Number 9

#### V1 Te Apiti RHAs Rivermouth hazard areas at Te Apiti Stream

Sub#: 16 Kairakau Lands Trust

1 Amend the zoning of the Te Apiti Stream Rivermouth Hazard Area to Coastal Hazard Zone 2.

Reject

- (a) The Te Apiti Stream Rivermouth Hazard Area be retained in the RCEP as notified.
- (b) The zoning of the Te Apiti Stream Rivermouth Hazard Area be retained as part of Coastal Hazard Zone 1.

Accordingly:

REJECT

Submission by: Kairakau lands Trust 16/1

#### Reasons

- (a) There is no technical basis or additional information to support a reduction in the extent of the Te Apiti Stream Rivermouth Hazard Area.
- (b) The Te Apiti Stream mouth has a high risk of both erosion and inundation occurring in the short term, due to the interaction of stream flow processes with coastal hazards. A 'CHZ1' zoning is most appropriate for the degree of risk in this location as it will ensure proper account is taken of coastal hazards at rivermouths, and effects of activities in rivermouth hazard areas can be controlled in a consistent and integrated way.
- (c) Deleting or amending the Te Apiti Stream Rivermouth Hazard Area would not assist HBRC to manage the erosion and inundation risk for this area, or give proper effect to policies in the NZCPS and RCEP.

## TOPIC 8 – POURERERE RIVERMOUTH HAZARD AREA

### Pourerere Rivermouth Hazard Area

**Decision Number: 10**

#### V1 Pourerere RHAs Rivermouth hazard areas at Pourerere

Sub#: 1	Aitken, James Robert	
1	Amend the western boundary of the Pourerere Rivermouth Hazard area seventy five metres eastward.	Reject
Sub#: 28	Welch, Amanda Lee & Smith, Glenn	
1	Review the Pourerere Rivermouth Hazard Zone.	Accept in Part
2	Amend the zoning of 3423 Pourerere Road from Coastal Hazard Zone 1 to Coastal Hazard Zone 3.	Reject

- (a) The Pourerere Rivermouth Hazard Area be retained in the RCEP as notified.
- (b) The Pourerere Rivermouth Hazard Area be retained as part of Coastal Hazard Zone 1.

Accordingly:

#### ACCEPT IN PART

Submissions by: Welch, Amanda & Smith, Glenn [28/1] insofar as T&T have undertaken an expert reassessment of the Pourerere Rivermouth Hazard Area.

#### REJECT

Submissions by: Aitken, Rober [1/1]  
 Welch, Amanda & Smith, Glenn [28/2]

#### Reasons

- (a) The Pourerere Stream mouth has a high risk of both erosion and inundation occurring in the short term, due to the interaction of stream flow processes with coastal hazards. A 'CHZ1' zoning is most appropriate for the degree of risk in this location as it will ensure proper account is taken of coastal hazards at rivermouths, and effects of activities in rivermouth hazard areas can be controlled in a consistent and integrated way.
- (b) Deleting or amending the Pourerere Rivermouth Hazard Area would not assist HBRC to manage the erosion and inundation risk for this area, or give proper effect to policies in the NZCPS and RCEP.



## TOPIC 9 – BLACKHEAD BEACH RIVERMOUTH HAZARD AREA

### Blackhead Rivermouth Hazard Area

Decision Number 11

Var1 Misc	Miscellaneous matters (incl beyond scope of Variation 1)	
Sub#: 20	McKee, JG & MM	
2	That individual rivermouths throughout the region be assessed separately due to their differences.	Accept in Part
V1 Blackhead RHAs	Rivermouth hazard areas at Blackhead Beach	
Sub#: 20	McKee, JG & MM	
1	No specific decision requested, but states opposition to the area surrounding Blackhead Beach Rivermouth Hazard Area being included as part of Coastal Hazard Zone 1.	Reject

- (a) The Blackhead Rivermouth Hazard Area be retained in the RCEP as notified.
- (b) The Blackhead Rivermouth Hazard Area be retained as part of Coastal Hazard Zone 1.

Accordingly:

#### ACCEPT IN PART

Submissions by: McKee, JG & MM [20/2] insofar as each Rivermouth Hazard Area was assessed by T&T on an individual basis, taking the unique characteristics of each area into account.

#### REJECT

Submission by: McKee, JG & MM [20/1]

#### Reasons

- (a) The Blackhead Stream mouth and adjacent shoreline has a high risk of both erosion and inundation occurring in the short term, due to the interaction of stream flow processes with coastal hazards. A 'CHZ1' zoning is most appropriate for the degree of risk in this location as it will ensure proper account is taken of coastal hazards at rivermouths, and effects of activities in rivermouth hazard areas can be controlled in a consistent and integrated way.
- (b) Deleting or amending the Blackhead Rivermouth Hazard Area would not assist HBRC to manage the erosion and inundation risk for this area, or give proper effect to policies in the NZCPS and RCEP.
- (c) Rivermouth Hazard Areas are areas along the coast which are susceptible to both coastal hazards and catchment derived flows, meaning they have a high erosion and extreme inundation risk.

## TOPIC 10 - WHANGAEHU RIVERMOUTH HAZARD AREA

### Whangaehu Rivermouth Hazard Area

Decision Number 12

#### V1 Whangaehu RHAs Rivermouth hazard areas at Whangaehu

Sub#: 21 McLean, Robert William

- |   |  |                |
|---|--|----------------|
| 1 | No specific decision requested, but implies opposition to the Whangaehu Rivermouth Hazard Area.                                | Accept in Part |
| 2 | No specific decision requested, but implies opposition to any restriction on access over the Whangaehu Rivermouth Hazard Area. | Accept in Part |

- (a) The Whangaehu Rivermouth Hazard Area be retained, albeit with amendments as set out in Appendix 2, and any necessary consequential amendments made.

Accordingly:

ACCEPT IN PART

Submissions by:

McLean, Robert [21/1] insofar as the location and extent of the Whangaehu Rivermouth Hazard Area has been reduced in size.  
McLean, Robert [21/2] insofar as the Whangaehu Rivermouth Hazard Area does not restrict access over subject land.

#### Reasons

- (a) Site photographs and LiDAR data clearly indicate that the shoreline is susceptible to both coastal hazards and catchment derived flows at this location. As such, the area has high erosion and inundation risk, meaning a Rivermouth Hazard Zoning is appropriate for this location.
- (b) Deleting the Whangaehu Rivermouth Hazard Area in its entirety would not assist the Council to fulfil its functions under the RMA, or give proper effect to policies in the NZCPS and RCEP.
- (c) Site photographs and LiDAR data has enabled the erosion and inundation hazard for this area to be more accurately assessed, and indicates that the southern extent of the Whangaehu Rivermouth Hazard Area can be reduced in size.
- (d) Land is still at risk of shoreline erosion and/or storm surge inundation (as already applicable on adjoining land), despite the reduction in extent of the Whangaehu Rivermouth Hazard Area.

## TOPIC 11 - MISCELLANEOUS

### Miscellaneous Matters

Decision Number 13

Var1 Misc	Miscellaneous matters (incl beyond scope of Variation 1)	
<b>Sub#: 4</b>	<b>Blake, Viviene</b>	
2	That the Regional Council keep on record the reasons for Viviene Blake's submission (submitter number 4).	Reject
<b>Sub#: 6</b>	<b>Bone, David Ralph</b>	
2	That no earthworks are undertaken, or seawalls erected in the Waimarama (Harper Road) Area that results in an increase in rates.	Reject
<b>Sub#: 21</b>	<b>McLean, Robert William</b>	
3	That the McLean Family can continue working with Neil Faulkner as the Regional Council representative for the area.	Reject
<b>Sub#: 25</b>	<b>Scott, Jacob Manu &amp; Wiggins Yohanna</b>	
2	That Hawke's Bay Regional Council makes a visual, verbal and written presentation to the public and landowners in the Haumoana area to clarify the Rivermouth Hazard Areas.	Reject
5	That resource consent applications that involve both Hawke's Bay Regional Council and Hastings District Council be handled with a single transaction.	Reject
6	That Variation 1 be discussed with Ngati Kahungunu Iwi with a view to specifically explain the plan change to Maori Whanau Hapu and Iwi who may be affected by the legislation relating to Variation 1.	Reject

- (a) That Variation 1 not be amended as a result of submissions considered to be outside the scope of Variation 1.

Accordingly:

**REJECT**

Submissions by:	Blake, Viviene	[4/2]
	Bone, David	[6/2]
	McLean, Robert	[21/3]
	Scott, Jacob & Wiggins, Yohanna	[25/2]
	Scott, Jacob & Wiggins, Yohanna	[25/5]
	Scott, Jacob & Wiggins, Yohanna	[25/6]

### Reasons

- The RMA requires submissions to be made on 'Variation 1'. Any other submissions are beyond the scope of the Variation.
- Variation 1 cannot be legally amended to address the issues raised.
- Some of the matters raised can only be, and are more appropriately, addressed through other plan making and/or decision making processes within Council.

## TOPIC 12 - LATE SUBMISSIONS

### Late Submissions

Decision Number 14

#### V1 General General matters in Variation 1

Sub#: 24 Roberts, Margaret Nelson

2 Delete Variation 1.

No Late Waiver

#### V1 Waimarama RHAs Rivermouth hazard areas at Waimarama locations

Sub#: 24 Roberts, Margaret Nelson

1 No specific decision requested, but states opposition to 136 Harper Road being included in the Waimarama (Harper Road) Rivermouth Hazard Area.

No Late Waiver

(a) That Council does not waive lateness of the following submission received after the 5:00 pm, 8 September 2010 submission deadline:

- Margaret Roberts, 403b Market Street South, Hastings 4122

#### Reasons

- (a) The submission period for Variation 1 was open for 20 working days as required by the RMA. Public notices, letters to directly affected landowners and general publicity were published about the opportunity and timing to make submissions.
- (b) The Variation 1 Submission forms clearly stated that “no submissions will be accepted after this deadline”.
- (c) The RMA presumes that submissions will be lodged on time.

## Appendix 1 - Index of Submitters and Associated Decision Number

Submitter Number	Submitter Name	Associated Decision Number	Page number
1	Aitken, James	10	16
2	Barnes , Colin & Judith	5	10
3	Blake, John	7	13
4	Blake, Vivienne	7, 13	13, 19
5	Blikshavn, Ellinor	2	6
6	Bone, David	7, 13	13, 19
7	Bruce, EM	4	8
8	Bruce, M	4	8
9	Bryant, Karen	2	6
10	Brynildsen, Robyn	5	10
11	Combs, M & P	3	7
12	Duncum, MJ	4	8
13	Forbes, Denise	4	8
14	Hocquard, Philip	6	12
15	Hunter, Robert	8	14
16	Kairakau Lands Trust	9	15
17	King, Linley	5	10
18	King, Richard	2	6
19	Lawson, D & W	2, 3	6, 7
20	McKee, JG & MM	11	17
21	McLean, Robert	12, 13	18, 19
22	Number not used	-	-
23	Preddey, Marie & John	3	7
24	Roberts, Margaret	14	20
25	Scott, Jacob Manu & Wiggins, Yohanna	1, 5, 13	5, 10, 19
26	Steevens, Earl	5	10
27	van Hooijdonk, Marcel	5	10
28	Welch, Amanda Lee & Smith, Glenn	10	16
29	Wylie, Cameron	7	13

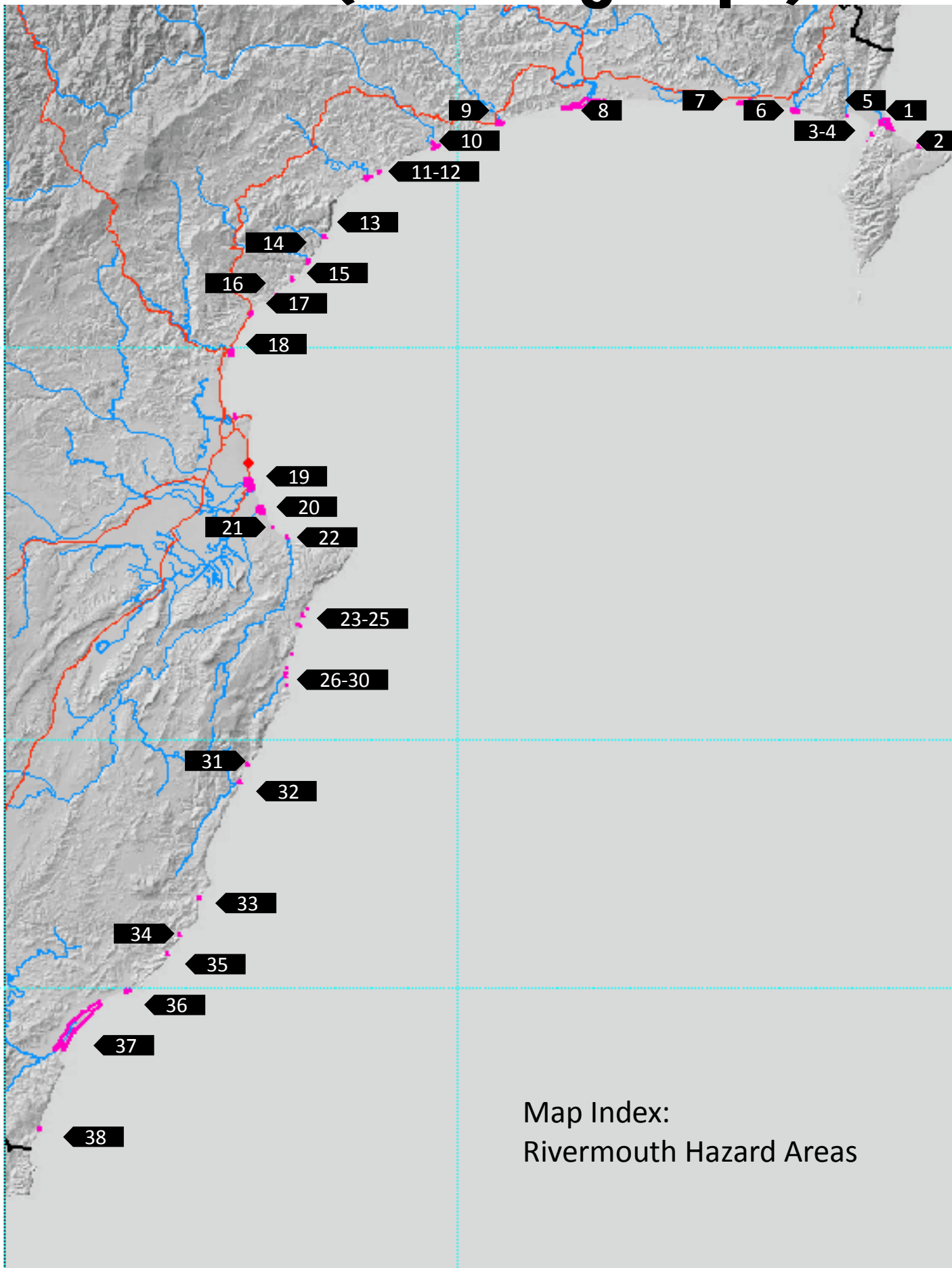
# Appendix 2- Variation 1 as amended by Council Decisions

## Part I (Glossary)

### 1.54 Coastal Hazard Zone 1 (CHZ1)

means an area seaward of the CHZ1 boundary identified on the planning maps which is land assessed as being subject to storm erosion, short-term fluctuations and dune instability and includes rivermouth and stream mouth areas susceptible to both erosion and inundation due to additional hydraulic forcing of river or estuary systems. For the purposes of this Plan, it extends a distance of 200m seaward from its inland boundary.

# Volume 2 (Planning Maps)



Map Index:  
Rivermouth Hazard Areas



1. Maungawhio Lagoon



2. Whangawehi



3. Mahia Beach (Taylors Bay)

Refer A4 sized map attached

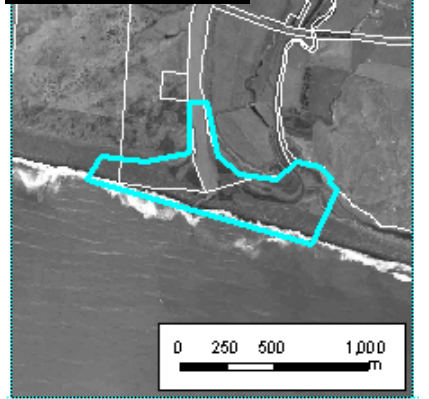
4. Mahia Beach (Moana Drv)

Refer A4 sized map attached

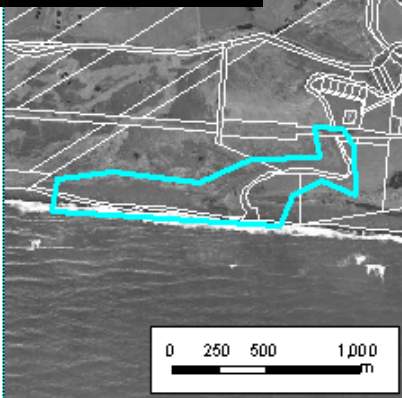
5. Opoutama Stream



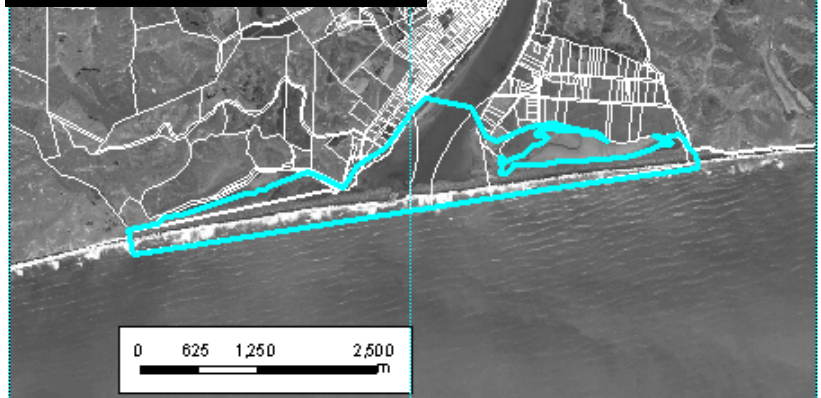
6. Nuhaka River



7. Tahaenui River



8. Wairoa River and estuaries



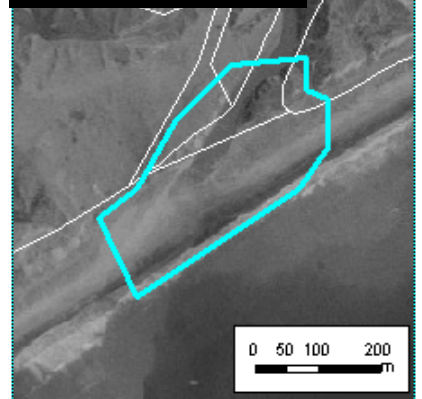
9. Waihua River



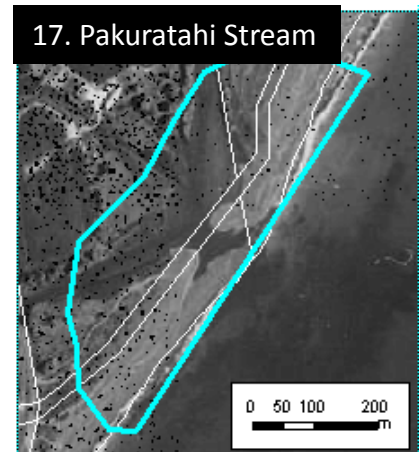
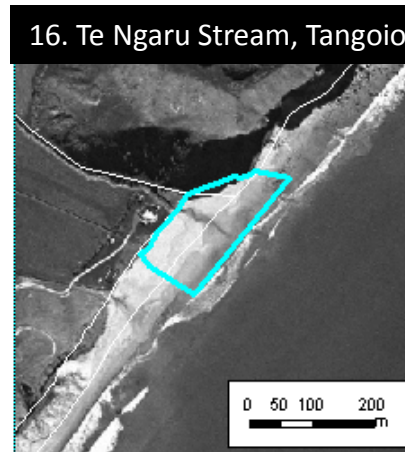
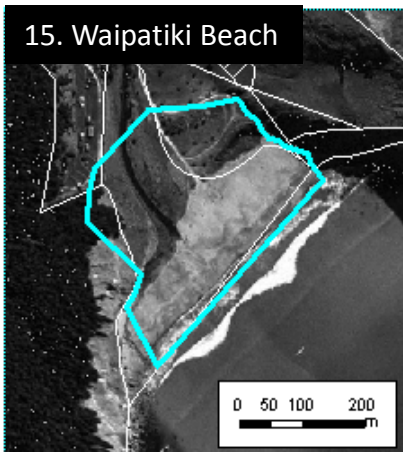
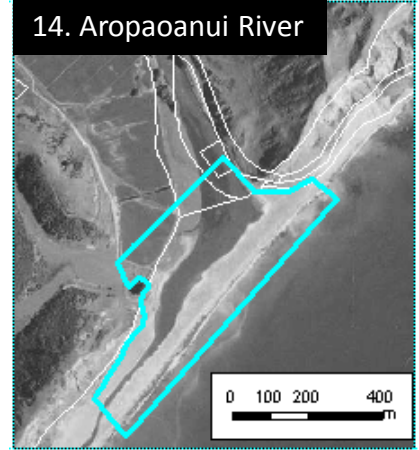
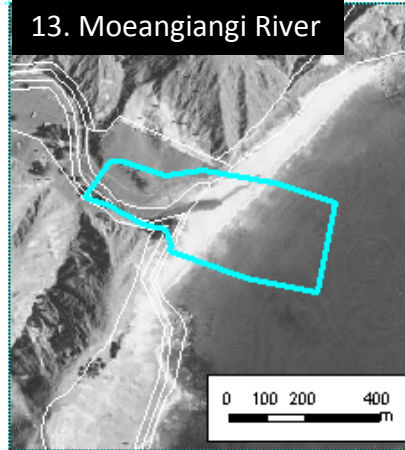
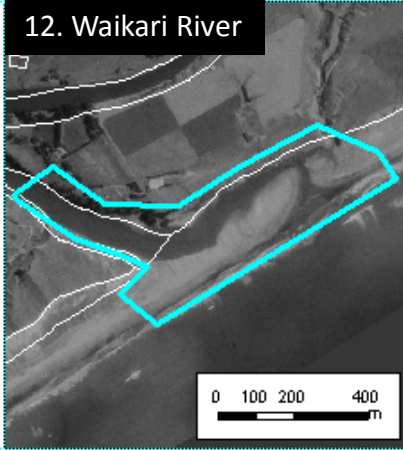
10. Mohaka River



11. Waitaha Stream







18. Esk River

Refer A4 sized map attached

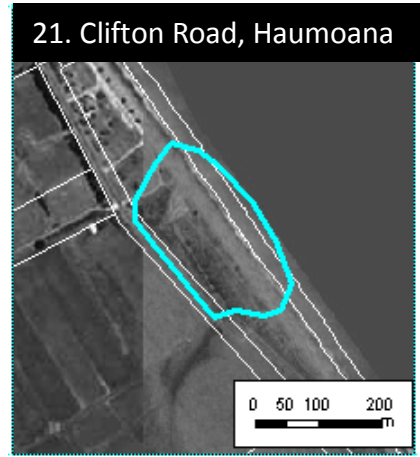
19. Tukituki River

Refer A4 sized map attached

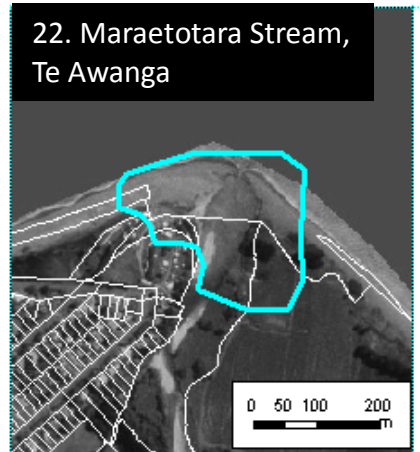
20. Tutaekuri and Ngaruroro Rivers



21. Clifton Road, Haumoana



22. Maraetotara Stream, Te Awanga



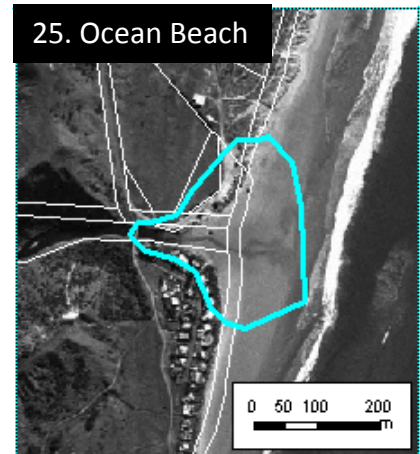
23. Ocean Beach (north)



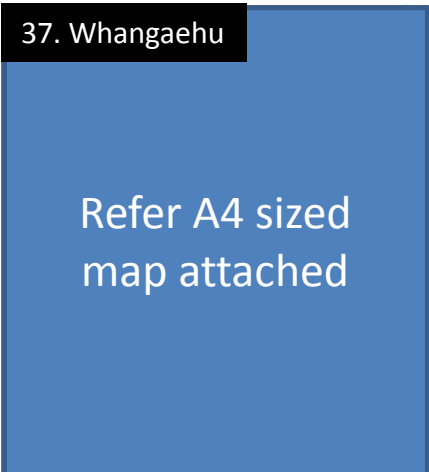
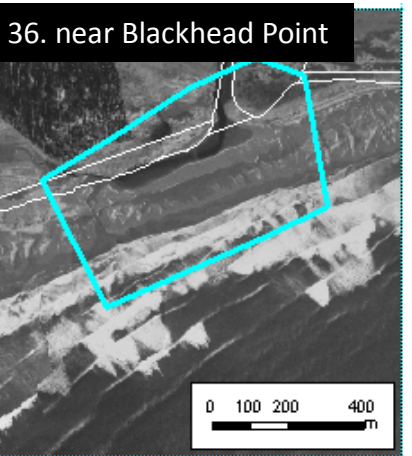
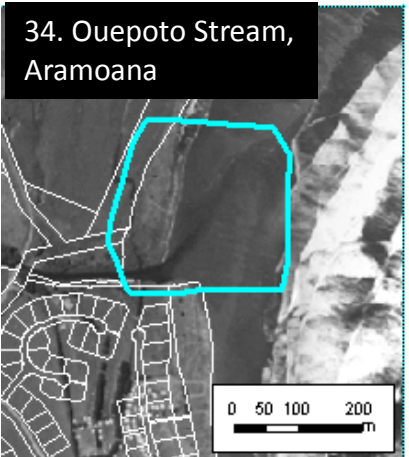
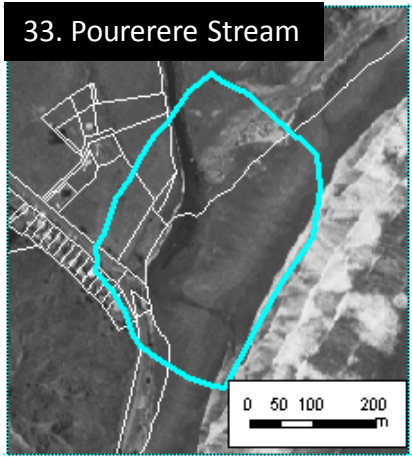
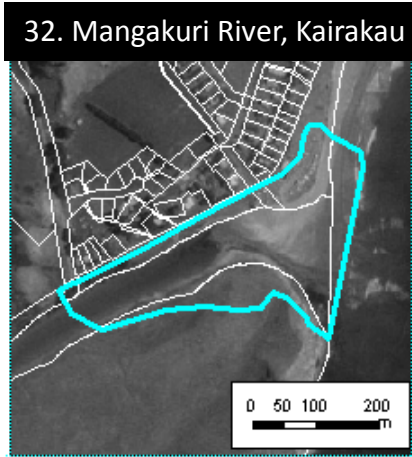
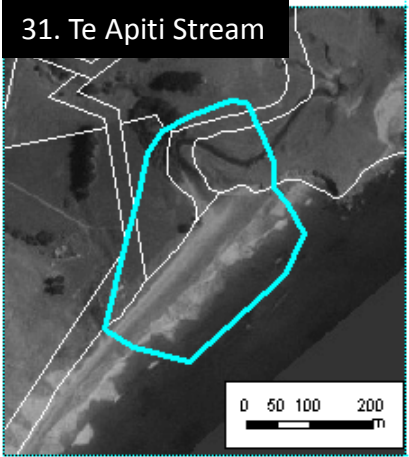
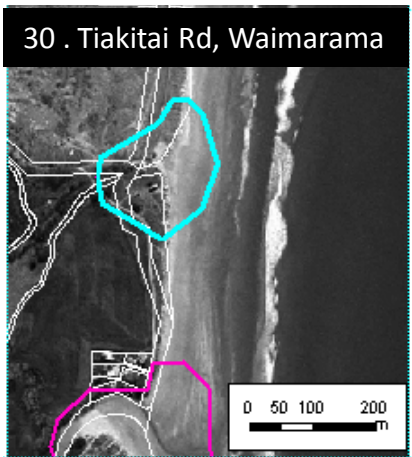
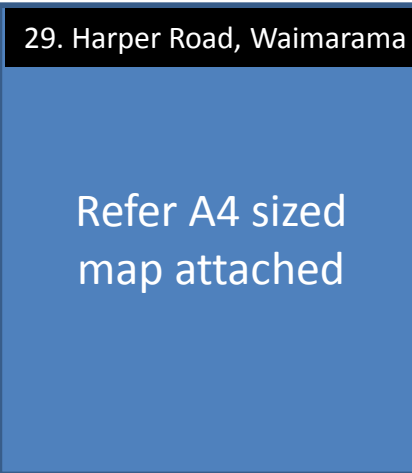
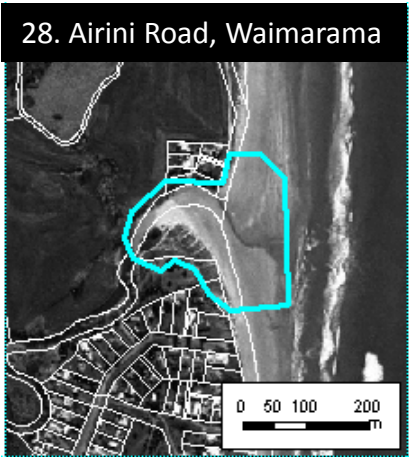
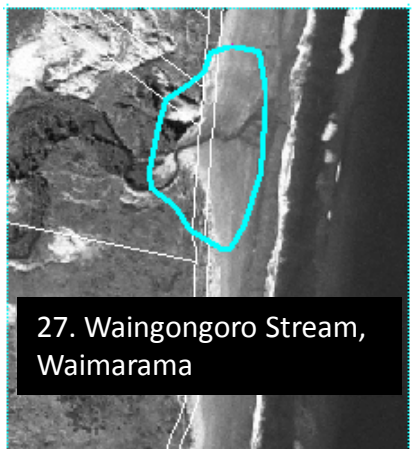
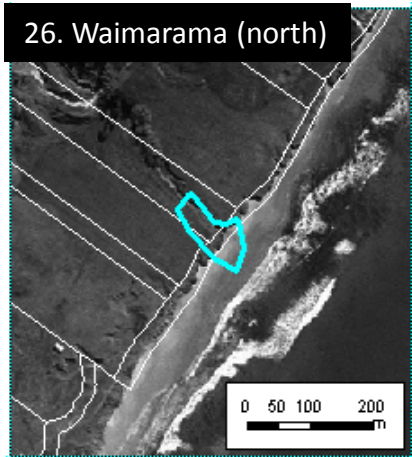
24. Ocean Beach (Haupouri)



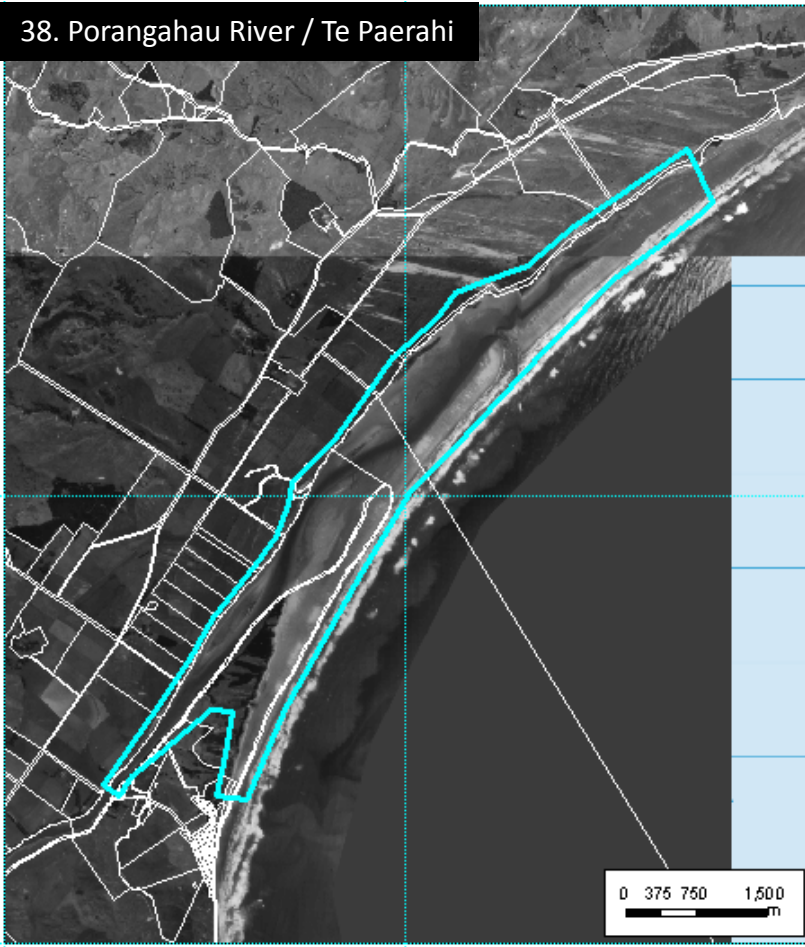
25. Ocean Beach







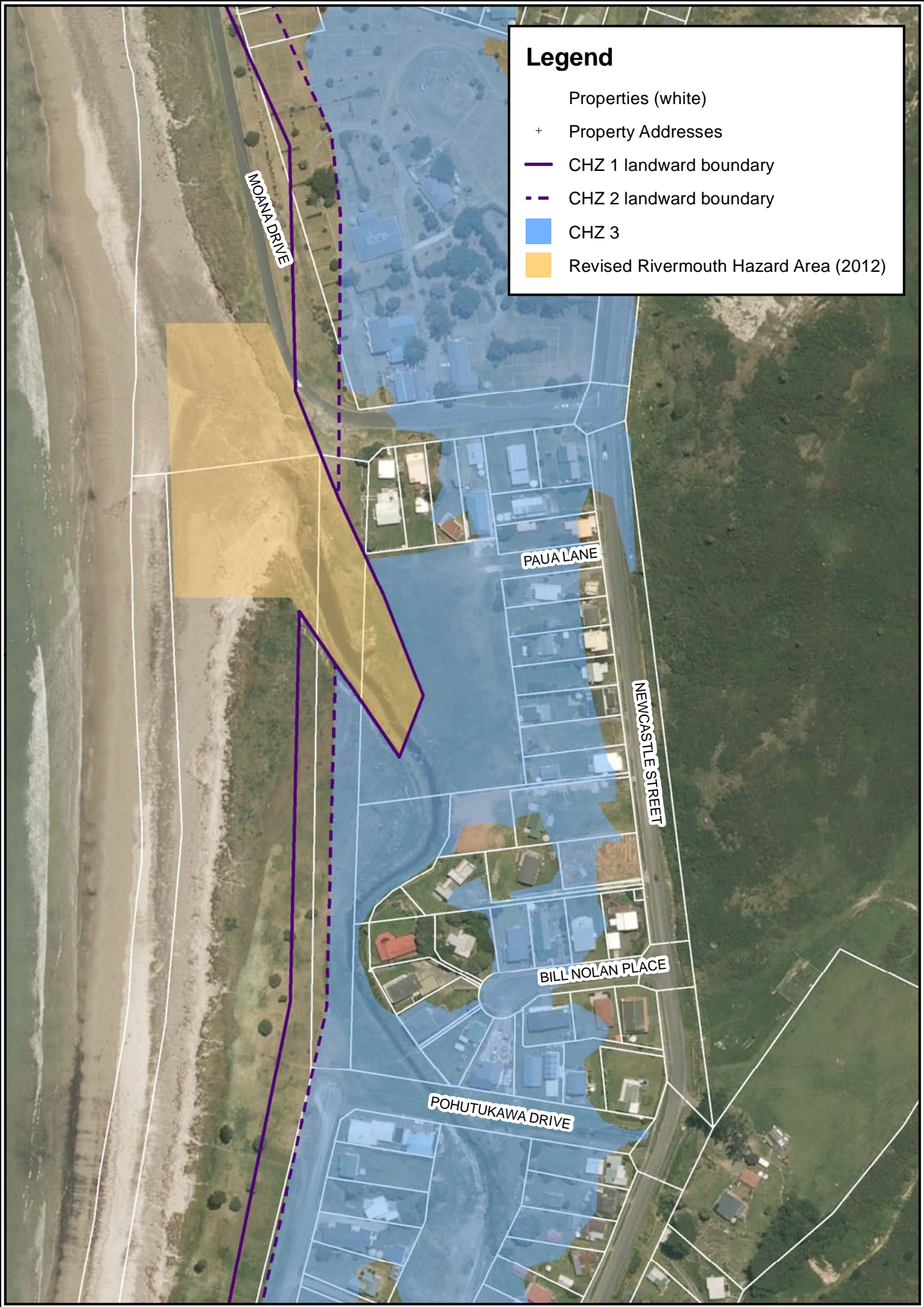
38. Porangahau River / Te Paerahi





### Legend

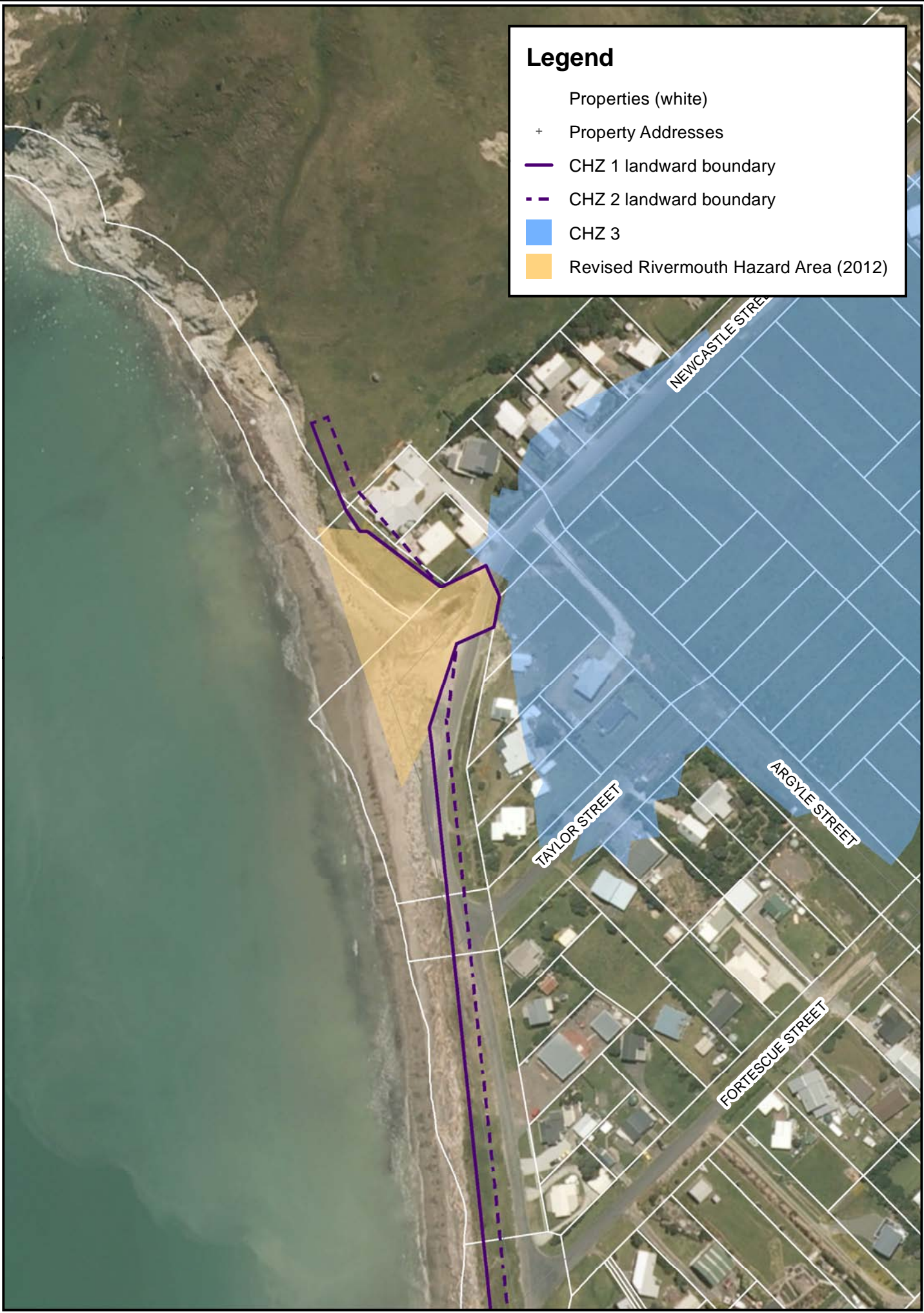
- Properties (white)
- + Property Addresses
- CHZ 1 landward boundary
- - - CHZ 2 landward boundary
- CHZ 3
- Revised Rivermouth Hazard Area (2012)





### Legend

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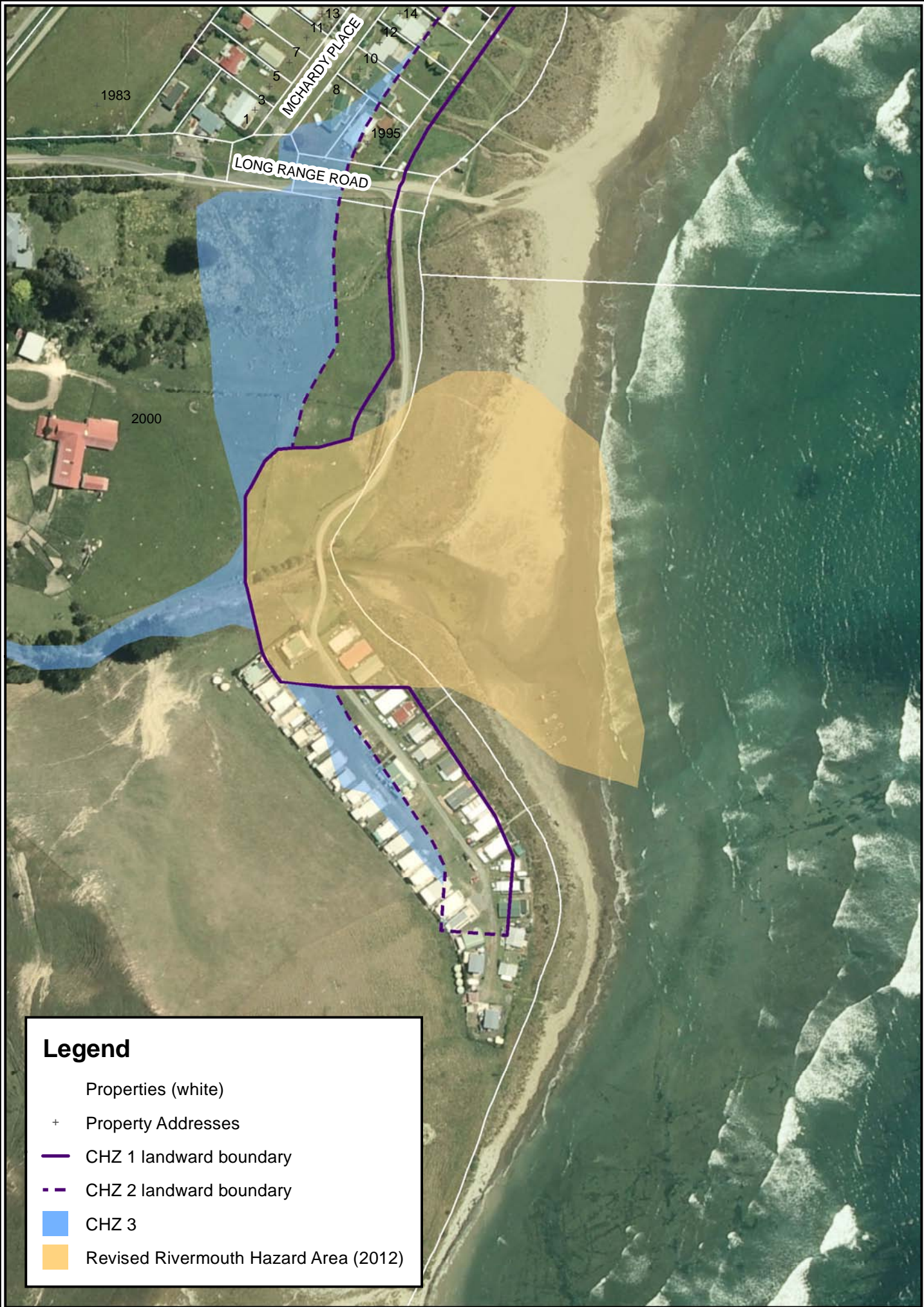


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