



Taranaki Regional  
Council Coastal Plan  
review:

## Online Wave Survey data analysis and proposed regionally significant surf breaks



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# 1 Purpose

The purpose of this report is to:

- overview the methodology used to develop and undertake the online wave survey, 2017;
- summarise the community feedback received from the survey and the analysis undertaken to inform the development of a list of regionally significant surf breaks; and
- document the list of regionally significant surf breaks to be included in the proposed Coastal Plan for Taranaki for community consultation.

This report has been prepared by Taranaki Regional Council (Council) staff and will inform the review of the *Regional Coastal Plan for Taranaki, 1997* and form part of the section 32 analysis for *the Proposed Coastal Plan for Taranaki*.

The methodology outlined in *Orchard, 2017* and the information collected from the Wave Survey informed development of a list of regionally significant surf breaks.



## 2 Background

The Taranaki coastline is a rugged and special environment that is prized for the recreational opportunities it offers. The coastline is unique and second to none for its numerous high quality surf breaks. The following paragraph from *McComb, 2016*<sup>1</sup> outlines why the Taranaki region is so unique.

*'The hemispheric volcanic apron allows favourable wind conditions to be found under a range of synoptic weather patterns, and there is good exposure to the Sothern Ocean swells as well as waves generated in the Tasman Sea. This variety in coastal orientation is coupled with a nearshore marine environment that is interspersed with rocky reefs formed by volcanic debris and lahar agglomerates. The result is a province with a high concentration of quality surf breaks.'*

Regionally significant surf breaks included in the *draft Coastal Plan for Taranaki, 2016*, (draft Plan) were those identified as 'high quality' or 'high value' in the *Regional Policy Statement for Taranaki, 2010* (Regional Policy Statement). These surf breaks were identified by local surfers and all known surf breaks were added to the Regional Policy Statement as no process for determining regional significance was developed at this time.

As part of the development of the draft Plan and prior to finalising surf break related policy, Dr McComb prepared a report for the Taranaki Regional Council (the Council) looking at the types of activities that may directly or indirectly have an impact on surf breaks, *Taranaki Surf Breaks of National Significance, McComb, 2016*. One of the recommendations from

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<sup>1</sup> *Taranaki Surf Breaks of National Significance, McComb, 2016.*

this report was that workshops be held to confirm the location and discuss the unique aspects of the regionally significant surf breaks.

Several workshops and one-on-one meetings with local surfers were subsequently undertaken. As well as confirming the location of the 80 breaks already mapped, these meetings identified an additional 60 surf breaks bringing the total number of surf breaks identified by name and mapped by Council to 140.

### 2.1 Feedback on the draft Plan

Feedback on regionally significant surf breaks was received from a number of submitters as part of the draft Plan consultation. Some respondents suggested additional surf breaks they considered should be added as regionally significant while others considered that surf breaks included did not warrant inclusion and submitters questioned what criteria was used to determine whether a surf break was regionally significant.

### 2.2 Regional significance criteria

The draft Plan provides regionally significant surf breaks with a very high level of protection and an increased level of protection compared with those that would be considered 'locally significant'. Because of this high level of protection certain types of activities would be restricted in the vicinity of these breaks. As such, it is important to ensure that those breaks identified as regionally significant do in fact warrant this classification and level of protection.

Given the need to ensure that the correct surf breaks are identified further work was considered necessary to develop a robust methodology for identifying regionally significant surf breaks. This work would address

feedback received on the draft coastal Plan questioning the criteria used to determine regional significance and allow the 60 additional surf breaks to be assessed and incorporated into the policy framework.

Consultant Shane Orchard was commissioned to prepare a report identifying criteria for determining regional significance, *Regional significance criteria for the assessment of surf breaks, Orchard, 2017*. This report identified 10 attributes that contribute to a surf break being considered important.

In order to assess the attributes and relative merits of each of the 140 identified surf breaks information needed to be gathered on each break. Council considered it essential that the community as a whole was involved with this process and given the opportunity to inform Council on which surf breaks were important and why. This information, along with the consultant's report, could then be used to inform the development of a revised list of regionally significant surf breaks which would be included in the *Proposed Coastal Plan for Taranaki* for further consultation with the community.



### 3 Regional Significance

In a Taranaki Regional Council planning context 'regional significance' represents those values or areas that have an elevated status compared to other examples and are considered superior in Taranaki. Regionally significant examples are those that sit well above average and are important or special at a regional rather than local level.

Examples of regionally significant areas recognised and protected through Council plans and strategies include Key Native Ecosystems, which are regionally significant ecosystems, regionally significant wetlands and regionally significant surf breaks.

Identification of regional significance allows Council to apply higher levels of regulatory protection and also target funding and work programmes towards maintaining and enhancing values in these more important areas. This makes practical sense from a resource management point of view by recognising that not all areas warrant the same degree of protection and that there are not unlimited resources that can be applied everywhere.

The proposed surf break policy for inclusion in the *Proposed Coastal Plan for Taranaki* recognises and protects **all** surf breaks but applies a very high level of protection to regionally significant surf breaks, as shown below. The high level of protection proposed for surf breaks is warranted given Taranaki is a highly regarded area nationally and internationally for surfing and on the basis that these regionally significant breaks are superior examples within our region.

#### **Policy 18: Surf breaks and Significant Surfing Area**

*Protect surf breaks and their use and enjoyment from the adverse effects of other activities by:*

- (a) *avoiding adverse effects on:*
  - (i) *all **nationally significant surf breaks** as identified in Schedule 4; and*
  - (ii) *all surf breaks within the designated **Significant Surfing Area** as identified in Schedule 4;*
- (b) *seeking to avoid adverse effects on all **regionally significant surf breaks**, identified in Schedule 4, that are outside of the Significant Surfing Area;*
- (c) *avoiding, remedying or mitigating adverse effects on all **locally significant surf breaks** listed in Schedule 4;*
- (d) *within the Significant Surfing Area seeking to avoid adverse effects on seascape, including development which would have an adverse effect on the remote feel of the area;*
- (e) *in managing adverse effects in accordance with clauses (a), (b) and (c), having regard to:*
  - (i) *effects on the quality, uniqueness, rarity or consistency of the surf break by considering the extent to which the activity may: change or interrupt coastal sediment dynamics; change or interrupt swell within the swell corridor including through the reflection, refraction, absorption or diffraction of wave energy; or change the morphology of the foreshore or seabed; and*
  - (ii) *effects on other important values, attributes and qualities of surf breaks.*

## 4 Survey methodology

An online survey was chosen as the most appropriate method for obtaining community feedback on surf breaks because this type of survey can be easily and widely distributed, provides easy access, and allows participants to provide feedback at their convenience.

The survey was developed in-house by Council staff, working with the consultant, with questions being based around the 10 attributes identified as being important for surf breaks in *Orchard, 2017*. These attributes are: rarity (how common), wave quality, wave consistency, wave uniqueness, wilderness, naturalness, amenity, level of use, economic value and historic and cultural value. Further explanation of these attributes is included as Appendix 1. Basing the questions around these attributes allowed the information gathered to be easily applied to the regional significance methodology included within this report.

### 4.1 Survey development

The survey was designed using Qualtrics survey software. A draft version was tested in-house prior to release of the final version.

Respondents were asked to choose all of the surf breaks that were important to them from a list of 140 named and mapped surf breaks identified by Council. There was also the opportunity to identify additional breaks not listed by contacting the Council (of note, no additional surf breaks were identified through this exercise).

The survey asked respondents to score each selected surf break on a five point scale for each of the 10 attributes, with 1 being very low value and 5 being very high value. The final survey is attached as Appendix 2.

### 4.2 Survey promotion

The survey was widely promoted on the Council's website, through social media, in local newspapers and on Stuff, Surf2Surf and Swellmap websites. Email notification was sent to those who provided feedback on the draft Coastal Plan and to other contacts that might be particularly interested in the survey, such as surfing clubs and surf life saving clubs.

A \$400 gift voucher to a surf shop of the winners choice was offered as an incentive to complete the survey. This was won by a local surfer.

## 5 Survey response and demographics

The survey attracted 338 valid responses between 28/04/17 and 16/07/17. 180 of the 338 respondents (52%) completed the demographics questions in the survey.

Of those who completed the demographic questions 24 respondents, or 12% were from outside the region while 88% were resident within Taranaki.

Over half of these respondents had enjoyed Taranaki surf breaks for more than 20 years and over half of the respondents were aged between 30 to 49 years of age. The high proportion of responses from those who have enjoyed Taranaki surf breaks for many years is pleasing as these respondents would have built up a high level of knowledge over time.

Figure 1: Number of years respondents have enjoyed Taranaki surf breaks

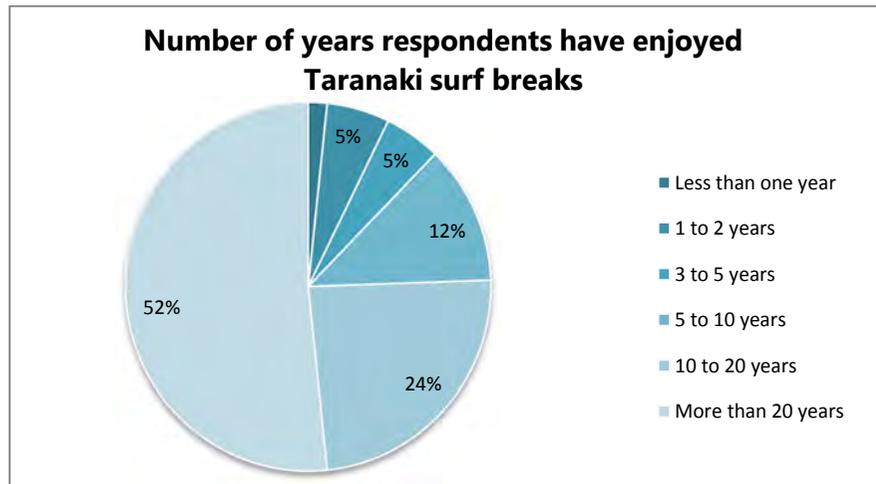
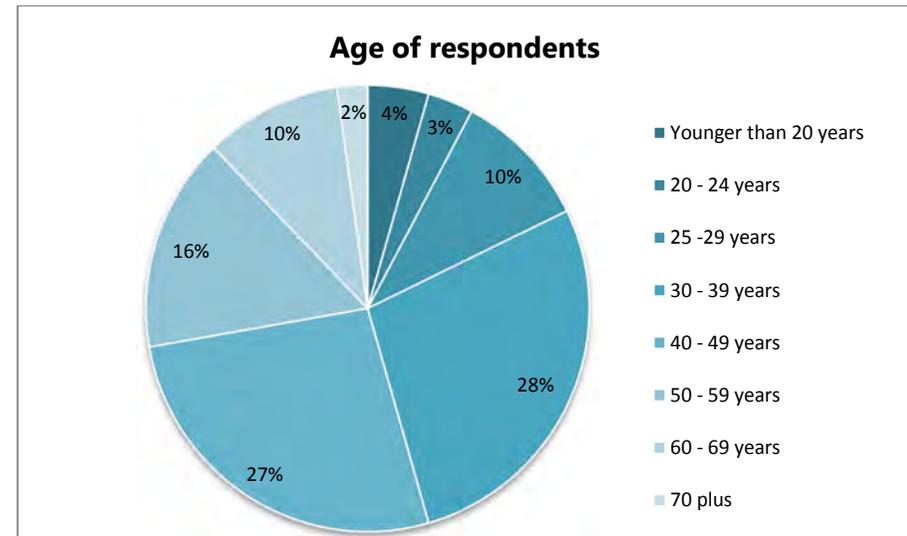
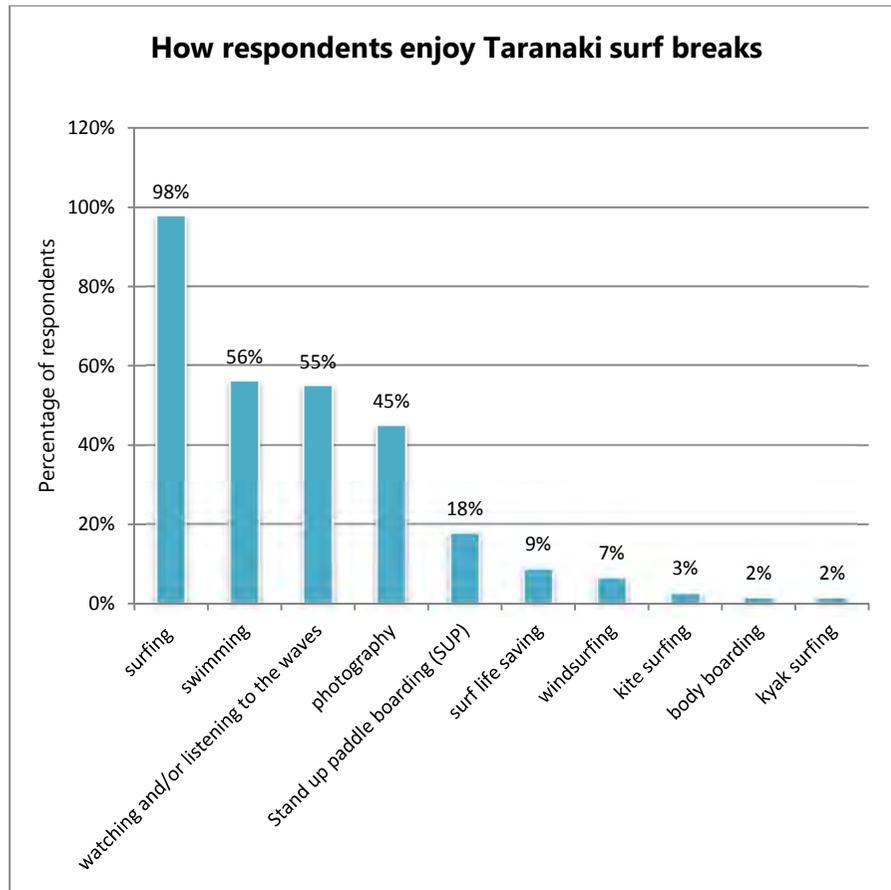


Figure 2: Age of respondents



Respondents indicated that they enjoyed Taranaki surf breaks in many ways as shown in Figure 3 below. Most respondents identified that they enjoyed surf breaks in more than one way. It was pleasing that respondents represented such a broad range of uses as which surf breaks are important may differ depending on use.

Figure 3: How respondents enjoy Taranaki surf breaks



## 5.1 Number of responses and certainty

The number of responses for each surf break varied between 0 and 110, however only two breaks, Montgomery Beach and Cliffs, had no responses and the average response rate was approximately 24, which was considered a very good response rate overall. The number of responses often varied for each attribute of a surf break as a result of 'don't know' responses.

To achieve a statistically robust view of community opinion more than 300 random responses would be needed for each surf break. This was not achieved and was not anticipated to be achieved, as the survey was targeted to those that had an interest and more knowledge about surf breaks.

Prior to analysing the data it was necessary to determine the number of responses that would be needed to ensure that the data for a surf break could reasonably be considered to represent a community view. The approach taken was to include as many surf breaks as possible in the analysis whilst maintaining some degree of certainty that the results would be representative. The more responses received the greater the likelihood that the data would accurately reflect a community view.

After consideration of these factors a response rate of at least 5 was considered to provide a good balance between ensuring the results were reasonably representative whilst still including as many breaks in the analysis process as possible.

Surf breaks which received less than 5 responses would be considered 'data deficient' and not included any further in the analysis. This doesn't mean these breaks could never be considered regionally significant, just that at this point in time there isn't enough information to make an informed assessment regarding regional significance.

## 6 Data Analysis

The raw data was exported from the Qualtrics web platform into a excel spreadsheet. Initial sorting of the data was performed to:

- eliminate multiple responses from the same person, in this case the most complete survey was included;
- eliminate any response where no surf breaks had been selected; and
- eliminate any responses where no questions had been answered about selected surf breaks.

At this point 338 valid responses remained.

The data was then separated on an attribute bases for each surf break. Calculations of attribute average were undertaken for nine of the 10 attributes these were wave quality, wave consistency, wave uniqueness, wilderness, naturalness, amenity, level of use, economic value and historic and cultural value.

The rarity attribute was analysed differently as the questions related to use and type both contribute to rarity. In order to determine how rare a break is for a certain use the average for each use was calculated across all of the use data and then the relevant uses selected for each surf break.

In order to determine rarity based on type the consultant assessed that only river bar breaks are considered rare in Taranaki and those surf breaks that are river bar breaks were identified.



## 7 Regionally significant surf breaks

Information collected from the online Wave Survey and the methodology outlined in the consultant's report *Orchard, 2017* were used to inform the development of a list of regionally significant surf breaks.

The methodology outlined within *Orchard 2017* identified that regional significance could be based around achieving at least one average attribute value of greater than 3. The challenge in creating a list of surf breaks consistent with Council's regional significance policy position (elevated importance, superior examples) was determining how far above 3 is appropriate for the cut-off point.

As part of determining regional significance attributes were also assessed to ascertain whether any should be considered essential. For essential attributes there may be a requirement to achieve a minimum attribute average in order to qualify for regional significance.

### 7.1 Essential Attributes

Ten attributes were identified in *Orchard, 2017*, as contributing to a surf break being important. These are wave rarity, wave quality, wave consistency, wave uniqueness, wilderness, naturalness, amenity, level of use, economic value and historic and cultural value.

Prior to determining an appropriate cut-off for assessing regional significance an assessment was made to determine whether achieving a minimum attribute average for any particular attribute should be considered essential in order for a surf break to qualify as regionally significant. Given that regional significance within Council's planning

context is defined as being a regionally important and superior surf break 'wave quality' stood out as being an essential attribute for regional significance. Without at least average wave quality it was considered that a surf break should not be eligible for regional significance otherwise areas with low, or very low wave quality could theoretically qualify for regional significance based on attributes like amenity or naturalness alone, which is not consistent with identifying superior surf breaks.

### 7.2 Cut-off point for regional significance

Based on the 5 point scale used for assessing regional significance shown below (*Orchard, 2017*) it could reasonably be expected that regionally significant surf breaks, as per Council's planning context (elevated importance, superior examples), would have an attribute average somewhere around the high category, or a score of 4.0.

Table 1. Assessment scale for regional significance assessment.

Score	Importance of the surf break for the attribute on a regional basis
1	very low
2	low
3	moderate
4	high
5	very high

Taking a conservative approach to assessing significance and to ensure that all applicable surf breaks are captured, cut-off levels of at least 3.4, 3.5, 3.6 and 4.0, for at least one attribute average, were applied to the community data collected. This enabled comparison of which surf breaks would be included at differing cut-off levels. Table 2 below summarises the results of

this analysis. Further details are included in the spreadsheets attached as Appendix 3.

As previously discussed only surf breaks with at least 5 responses and an attribute average for wave quality of at least 3.0 were included in this analysis.

For the purposes of the Coastal Plan review, it is recommended that Council adopt a cut-off value of 3.4 for at least one attribute average to produce a list of regionally significant surf breaks. Surf breaks with a mean score of 3.4 or higher are considered to best reflect those surf breaks that have an elevated status and are superior examples when compared to others within the Taranaki region. Eighty-one out of 140 known surf breaks are thereby identified as regionally significant. This is similar in number to the surf breaks currently included in the Regional Policy Statement as 'high quality' or 'high value'.

## 7.3 Next step

Surf breaks included in the 'preferred option' list of surf breaks produced from using a 3.4 cut-off, shown in Table 2, will be listed and mapped in the *Proposed Coastal Plan for Taranaki* and provided with a very high level of protection. The remainder of the 140 identified surf breaks will be listed as locally significant within the Plan and also protected but to a slightly lesser extent. Those surf breaks that received fewer than 5 responses will be marked with 'DD' to indicate that insufficient data was available to fully assess them for regional significance. Further community consultation on the list of regionally significant surf breaks included in the Plan will be undertaken when the Plan is formally notified.

## 7.4 Limitations

### 7.4.1 Targeted survey

The Wave Survey was targeted towards and responded to by those within the community with an interest in surf breaks. As such it cannot be considered to provide a statistically robust indication of the community view.

However, the demographic information collected shows that 76% of those who completed these questions have enjoyed Taranaki surf break for at least 10 years. These respondents have a long term relationship with and knowledge of Taranaki surf breaks and therefore should have provided useful accurate information. The survey was also open to everyone in the community who wanted to participate and is therefore a much more inclusive process than use of an 'expert panel' which has been used in other parts of New Zealand. Consequently the survey provides a good indication of community views.

### 7.4.2 Number of responses

In taking a conservative approach and including surf breaks with as few as 5 responses in data analysis there is the potential for outliers and surf breaks may appear in the regionally significant list that don't necessarily warrant this status. Inaccuracies in data collected could result from errors in completing the survey (ticking the wrong box) or intentional over-rating of attribute and with so few responses these inaccuracies would not be negated by other data. There will however be the opportunity to remove these outliers, if needed, as part of the further public consultation.

**Table 2: Lists of regionally significant surf breaks resulting from applying various cut-off values**

Surf Breaks with at least one attribute average of 4.0 or more	Surf Breaks with at least one attribute average of 3.6 or more	Surf Breaks with at least one attribute average of 3.5 or more	Preferred option Surf Breaks with at least one attribute average of 3.4 or more
	Ahu Ahu Multiple Breaks	Ahu Ahu Multiple Breaks	Ahu Ahu Multiple Breaks
Arawhata Road Point	Arawhata Road Point	Arawhata Road Point	Arawhata Road Point
	Arawhata Road Reef	Arawhata Road Reef	Arawhata Road Reef
			Arawhata Road Beach
Back Beach Breaks	Back Beach Breaks	Back Beach Breaks	Back Beach Breaks
	Back of Stent	Back of Stent	Back of Stent
	Bayly Road Breaks	Bayly Road Breaks	Bayly Road Breaks
	Bayly Road North	Bayly Road North	Bayly Road North
	Bell Block Reef	Bell Block Reef	Bell Block Reef
	Belt Road Left	Belt Road Left	Belt Road Left
			Belt Road Right
			Bird's Nest
	BJ's Left	BJ's Left	BJ's Left
		Boat Ramps	Boat Ramps
Bog Works	Bog Works	Bog Works	Bog Works
	Boilers	Boilers	Boilers
		Boulters (Boulder Bay)	Boulters (Boulder Bay)
		Brazils	Brazils
			Breakwater
			Butlers Reef
		Cemetery Point	Cemetery Point
			Crushers
Dread Rock	Dread Rock	Dread Rock	Dread Rock
	East Beach	East Beach	East Beach
East End	East End	East End	East End
		Far Toos (Kina Road North)	Far Toos (Kina Road North)
		Farmhouse	Farmhouse
	Fin Whaka	Fin Whaka	Fin Whaka
Fitzroy Beach	Fitzroy Beach	Fitzroy Beach	Fitzroy Beach
Graveyards	Graveyards	Graveyards	Graveyards
	Greenmeadows	Greenmeadows	Greenmeadows



Surf Breaks with at least one attribute average of 4.0 or more	Surf Breaks with at least one attribute average of 3.6 or more	Surf Breaks with at least one attribute average of 3.5 or more	Preferred option Surf Breaks with at least one attribute average of 3.4 or more
	Greenmeadows Beach	Greenmeadows Beach	Greenmeadows Beach
Inside Fences	Inside Fences	Inside Fences	Inside Fences
	Kaupokanui Beach	Kaupokanui Beach	Kaupokanui Beach
	Kina Point (Kina Road South)	Kina Point (Kina Road South)	Kina Point (Kina Road South)
	Kina Road	Kina Road	Kina Road
	Komene Road Beach	Komene Road Beach	Komene Road Beach
Kumera Patch	Kumera Patch	Kumera Patch	Kumera Patch
	Lupins	Lupins	Lupins
		Manihi Reef	Manihi Reef
Mangahume Reef	Mangahume Reef	Mangahume Reef	Mangahume Reef
Oakura Beach	Oakura Beach	Oakura Beach	Oakura Beach
	Oakura Camp Ground	Oakura Camp Ground	Oakura Camp Ground
Oakura River Mouth	Oakura River Mouth	Oakura River Mouth	Oakura River Mouth
		Oaonui Beach	Oaonui Beach
Oats	Oats	Oats	Oats
	Ohawe Beach	Ohawe Beach	Ohawe Beach
Opunake Reef and Beach			
	Patea River Beach	Patea River Beach	Patea River Beach
Patea River North Side			
Patea River South Side			
	Pohutakawas	Pohutakawas	Pohutakawas
		Puketapu	Puketapu
	Punihos	Punihos	Punihos
	Rahotu Multiple Beach Breaks	Rahotu Multiple Beach Breaks	Rahotu Multiple Beach Breaks
			Rifle Range
Rocky Lefts	Rocky Lefts	Rocky Lefts	Rocky Lefts
Rocky Rights	Rocky Rights	Rocky Rights	Rocky Rights
		Secret Sandy's	Secret Sandy's
	Secrets	Secrets	Secrets
	Sky Williams	Sky Williams	Sky Williams
	Sluggo's	Sluggo's	Sluggo's
South Point	South Point	South Point	South Point



Surf Breaks with at least one attribute average of 4.0 or more	Surf Breaks with at least one attribute average of 3.6 or more	Surf Breaks with at least one attribute average of 3.5 or more	Preferred option Surf Breaks with at least one attribute average of 3.4 or more
	Spot X	Spot X	Spot X
Stent Road	Stent Road	Stent Road	Stent Road
	Stepladders Left and Right	Stepladders Left and Right	Stepladders Left and Right
	Sundays	Sundays	Sundays
		Tai Road	Tai Road
			The Dump (Dumps)
	The Gap (at Fitzroy)	The Gap (at Fitzroy)	The Gap (at Fitzroy)
The Groyne	The Groyne	The Groyne	The Groyne
The Pipe	The Pipe	The Pipe	The Pipe
The Point (Fences)	The Point (Fences)	The Point (Fences)	The Point (Fences)
		The Wedge	The Wedge
	Trap Doors	Trap Doors	Trap Doors
		Waiongana Reef	Waiongana Reef
Waitara Bar	Waitara Bar	Waitara Bar	Waitara Bar
Waiwhakaiho Reef	Waiwhakaiho Reef	Waiwhakaiho Reef	Waiwhakaiho Reef
Waiwhakaiho River Mouth	Waiwhakaiho River Mouth	Waiwhakaiho River Mouth	Waiwhakaiho River Mouth
	Weld Road Breaks	Weld Road Breaks	Weld Road Breaks
		Wind Wand	Wind Wand
<b>Total 26</b>	<b>Total 59</b>	<b>Total 73</b>	<b>Total 81</b>

Surf breaks that are considered 'high quality' or 'high value' in the *Regional Policy Statement for Taranaki, 2010*.





## Appendix 1 - Attribute typology for significance assessment, Orchard, 2017



Primary attributes	Explanation	Secondary attributes (examples only)
Rarity	Recognises the rarity of the type of surf break, in the sense of being uncommon. 'Type' refers to physical characteristics of the waves produced by different surf breaks and this may be distinguished in various ways. To apply this criterion it is recommended that the types to be considered are first defined by a classification that addresses the characteristics thought to be important. An example classification is provided in Appendix 1. This recognises both types of surf breaks that are suitable for different activities (include both skill level considerations and various recreational pursuits) and geomorphic distinctions that may be used to categorise surf breaks such as those described by Mead (2000), Mead & Black (2001b) and Hutt et al. (2001). At the primary attribute level the rarity criterion describes whether the surf break is a rare type for any of the types considered.	Surf break types as defined by suitability for different activities, e.g. beginner surfers, big wave surfing, bodyboarding, wind assisted wave riding etc. Surf break types as defined by geomorphic characteristics, e.g. beach break, reef break, point break, river bar break.
Wave quality	Recognises the quality of the waves at surf break for the wave riding activities practiced there. Assessed on the basis of the wave quality under near optimum conditions e.g. as used by Morse & Brunskill (2004).	<ul style="list-style-type: none"> <li>- length of ride</li> <li>- wave shape characteristics</li> <li>- wave power characteristics</li> <li>- wave height range</li> <li>- performance aspects under optimum conditions</li> </ul>
Wave consistency	Recognises the consistency of the surf break for producing surfable waves.	<ul style="list-style-type: none"> <li>- surfable days / year or season</li> <li>- consistency of good quality surf</li> </ul>
Uniqueness of the surf break in relation to favourable conditions	Recognises the importance of the location to the regional surf break resource in conditions when other breaks are not favourable	<ul style="list-style-type: none"> <li>- relationships with other surf breaks in different weather &amp; swell conditions</li> </ul>
Naturalness	Recognises the degree to which the surf break is free from modifications to the natural environment which may be influenced by factors such as the presence of particular ecosystems, vegetation types, or wildlife, and absence of man-made structures and pollutants.	<ul style="list-style-type: none"> <li>- proximity and design of structures or other modifications to the natural environment</li> <li>- occurrence of particular ecosystems, vegetation types, or wildlife</li> <li>- condition and legibility of landforms and/or formative coastal processes</li> <li>- water quality parameters / pollutants e.g. plastics</li> <li>- sounds and smells</li> </ul>
Wilderness	The key distinction from naturalness relates to wilderness being a human construction associated with the experience of wild nature. As applied to surf breaks it is primarily associated with the environmental context e.g. the	<ul style="list-style-type: none"> <li>- perception of wildness, as influenced by level of exposure to the elements, difficulty of human access</li> </ul>

values	level of remoteness or exposure to the elements the location offers.	or commitment required to reach the location
Amenity values	Recognises the importance of amenity values associated with the surf break. These are aspects that contribute to the pleasantness of the location. These aspects may be important to a range of associations with the surf break that do not necessarily involve wave riding. They include aesthetic aspects the influence the perception of beauty or memorability of the location, and others such as the ease of access and the presence of facilities.	<ul style="list-style-type: none"> <li>- presence of services and facilities</li> <li>- proximity to home</li> <li>- scenic qualities and other aesthetics</li> <li>- memorability</li> </ul>
Level of use	Recognises the popularity of the surf break in terms of the frequency of use and number of people who derive value from it.	<ul style="list-style-type: none"> <li>- frequency of use</li> <li>- diversity of uses or associations with the surf break</li> <li>- numbers of people involved</li> </ul>
Economic value to the community	Recognises the level of economic importance of the surf break for local communities and/or the wider regional community	<ul style="list-style-type: none"> <li>- Promotional value for visitors to the local area or region, including as a component of international appeal</li> <li>- Economic activity associated with visitation modes</li> <li>- Contributions associated with events or contest venues</li> </ul>
Historic, heritage, and cultural associations	Recognises the contribution of the surf break to historical and heritage values, including the importance of the site for historical events and the development of coastal and surf riding culture, and specific associations important to tangata whenua	<p>Characteristics in relation to:</p> <ul style="list-style-type: none"> <li>- importance of the site for historical events</li> <li>- heritage aspects of the local or regional coastal culture e.g. long standing boardriding or surf lifesaving clubs</li> <li>- importance to contemporary coastal culture</li> <li>- contribution to the local sense of place</li> <li>- tangata whenua values associated with the surf break</li> </ul>

## Appendix 2 – Online Wave Survey



## Introduction

### Which waves rock? It's worth speaking up.

The Council would like to know which surf breaks are important to you and why. Complete the survey and **be in to win a \$400 voucher** for a surf shop of your choice!

Please note the following:

- The list of surf breaks included in this survey is primarily made up of the 80 surf breaks that are currently mapped within the Regional Policy Statement for Taranaki, 2010 (public document). Mapping of the surf breaks was undertaken in response to public feedback requesting that the surf breaks be mapped. Information on the remainder of the surf breaks was obtained from the Wavetrack New Zealand Surfing Guide and conversations with local surfers.
- Information collected from this survey will be used by the Council to identify which surf breaks are important to people and why. You will be helping us to ensure that the values and attributes of those surf breaks that are important to you are appropriately protected, so it's worth taking your time with each question. We would encourage you to click [here](#) to read important additional information before completing this survey.
- It will take approximately 2.5 minutes to complete the survey for each surf break. For example, answering questions relating to 6 surf breaks will take 15 minutes, 20 surf breaks will take 50 minutes etc.
- **Only one response will be accepted per person.** For security purposes only one response can be accepted from each computer or mobile device. If you require more than one person to use the same device to complete the survey please call Council on 0800 736 222.

If you have any questions about this survey please contact Taranaki Regional Council on 0800 736 222.

The survey will end on 16 July 2017.

## Demographic questions

First name

Last name

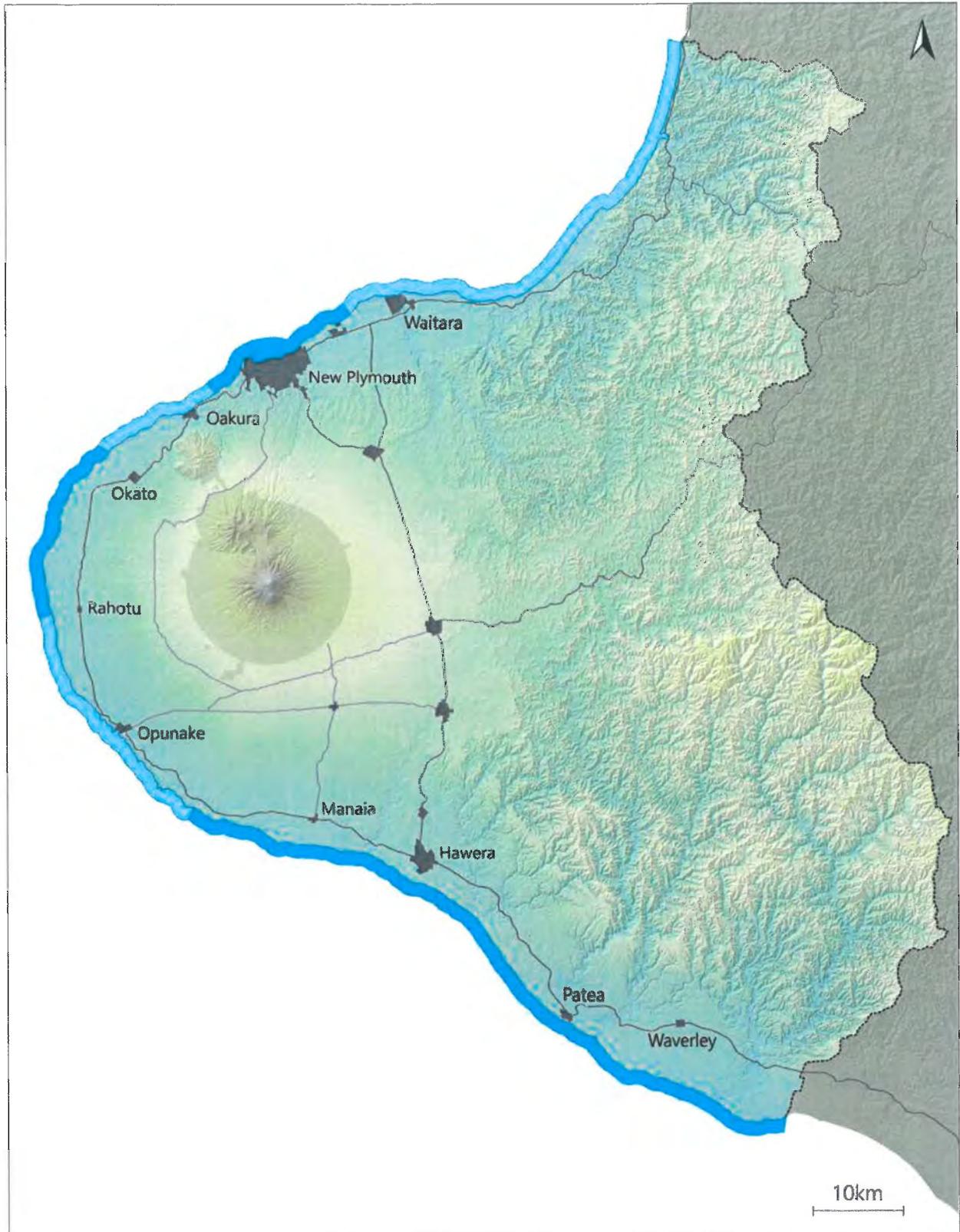
Email address

Contact telephone number (optional)

**Surf Break  
Selection**

Please click on the blue coastline on the map nearest the location of the surf break/s that are important to you. **Select as many areas as you like.**

When you select Next, you will be provided with a list of surf breaks for each area.



You selected the northern area.

Please select the surf break/s that are important to you, select as many as you like.

- |                                     |   |                                       |
|-------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Boilers    | <input type="checkbox"/> Onaero Surf Camp | <input type="checkbox"/> Turangi Reef |
| <input type="checkbox"/> Dread Rock | <input type="checkbox"/> Onaero Beach     | <input type="checkbox"/> Urenui Bar   |

- |   |                                      |   |
|---|--------------------------------------|---|
| <input type="checkbox"/> East Beach       | <input type="checkbox"/> O T Dub     | <input type="checkbox"/> Waiongana Reef |
| <input type="checkbox"/> Epiha Road       | <input type="checkbox"/> Secrets     | <input type="checkbox"/> Waitara Bar    |
| <input type="checkbox"/> Montgomery Beach | <input type="checkbox"/> Spot X      | <input type="checkbox"/> Waitoetoe      |
| <input type="checkbox"/> Motunui          | <input type="checkbox"/> Tongaporutu | <input type="checkbox"/> Waterfalls     |
| <input type="checkbox"/> Oats             |                                      |   |

You selected the New Plymouth area.

Please select the surf break/s that are important to you, select as many as you like.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Back Beach Breaks      | <input type="checkbox"/> Fitzroy Beach  | <input type="checkbox"/> Tasman                  |
| <input type="checkbox"/> Bell Block Reef        | <input type="checkbox"/> Hoie 9         | <input type="checkbox"/> Te Henui Right (Reform) |
| <input type="checkbox"/> Belt Road Left         | <input type="checkbox"/> Kawaroa        | <input type="checkbox"/> The Gap (at Fitzroy)    |
| <input type="checkbox"/> Belt Road Right        | <input type="checkbox"/> Long Reef      | <input type="checkbox"/> The Groyne              |
| <input type="checkbox"/> Bog Works              | <input type="checkbox"/> Outside Corner | <input type="checkbox"/> The Islands             |
| <input type="checkbox"/> Boulders (Boulder Bay) | <input type="checkbox"/> Railways 2     | <input type="checkbox"/> The Pipe                |
| <input type="checkbox"/> Breakwater             | <input type="checkbox"/> Rewa Rewa      | <input type="checkbox"/> The Wedge               |
| <input type="checkbox"/> Cliffs                 | <input type="checkbox"/> Secret Sandy's | <input type="checkbox"/> Waiwhakaiho River Mouth |
| <input type="checkbox"/> DDT's                  | <input type="checkbox"/> Slimey Rocks   | <input type="checkbox"/> Waiwhakaiho Reef        |
| <input type="checkbox"/> East End               | <input type="checkbox"/> Tank Farms     | <input type="checkbox"/> Wind Wand               |

You selected the Oakura area.

Please select the surf break/s that are important to you, select as many as you like.

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Ahu Ahu Multiple Breaks | <input type="checkbox"/> Lawrie's Memorial  | <input type="checkbox"/> Rifle Range         |
| <input type="checkbox"/> Antunovic's             | <input type="checkbox"/> Lieth Road         | <input type="checkbox"/> Shipwrecks          |
| <input type="checkbox"/> Butlers Reef            | <input type="checkbox"/> Oakura Beach       | <input type="checkbox"/> Tapuae Beach Breaks |
| <input type="checkbox"/> Cortez Bank             | <input type="checkbox"/> Oakura Camp Ground | <input type="checkbox"/> Tapuae Left         |
| <input type="checkbox"/> Fort St George          | <input type="checkbox"/> Oakura River Mouth | <input type="checkbox"/> Weld Road Breaks    |
| <input type="checkbox"/> Jeffery's               | <input type="checkbox"/> Putts Beach        |  |

You selected the Okato - Rahoutu area.

Please select the surf break/s that are important to you, select as many as you like.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Back of Stent     | <input type="checkbox"/> Fin Whaka         | <input type="checkbox"/> Rahotu Multiple Beach Breaks |
| <input type="checkbox"/> Bayly Road Breaks | <input type="checkbox"/> Graveyards        | <input type="checkbox"/> Rocky Lefts                  |
| <input type="checkbox"/> Bayly Road North  | <input type="checkbox"/> Hammer Heads      | <input type="checkbox"/> Rocky Rights                 |
| <input type="checkbox"/> Bird's Nest       | <input type="checkbox"/> House for Karen   | <input type="checkbox"/> Ronga mai Road               |
| <input type="checkbox"/> BJ's Left         | <input type="checkbox"/> Komene Left       | <input type="checkbox"/> Shark Pit                    |
| <input type="checkbox"/> Black Rocks       | <input type="checkbox"/> Komene Road Beach | <input type="checkbox"/> Sluggo's                     |

- |  |   |                                       |
|--|---|---------------------------------------|
| <input type="checkbox"/> Boat Ramps      | <input type="checkbox"/> Kumera Patch                               | <input type="checkbox"/> Stent Road   |
| <input type="checkbox"/> Brazils         | <input type="checkbox"/> Lupins                                     | <input type="checkbox"/> Sundays      |
| <input type="checkbox"/> Coast Road Bach | <input type="checkbox"/> Outsides (Cape Egmont Boat Club/Ramp Reef) | <input type="checkbox"/> Tapus        |
| <input type="checkbox"/> Crow's Nest     | <input type="checkbox"/> Porikapa Road                              | <input type="checkbox"/> Three Amigos |
| <input type="checkbox"/> Crushers        | <input type="checkbox"/> Punihos                                    | <input type="checkbox"/> Trap Doors   |
| <input type="checkbox"/> Farmhouse       |   |                                       |

You selected the Opunake area.

Please select the surf break/s that are important to you, select as many as you like.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Arawhata Point               | <input type="checkbox"/> Manahi Reef            | <input type="checkbox"/> Sky Williams                  |
| <input type="checkbox"/> Arawhata Reef                | <input type="checkbox"/> Mangahume Reef         | <input type="checkbox"/> Slaughterhouse Left and Right |
| <input type="checkbox"/> Arawhata Road Beach          | <input type="checkbox"/> Middletons Bay         | <input type="checkbox"/> Stepladders Left and Right    |
| <input type="checkbox"/> Cemetery Point               | <input type="checkbox"/> Mussels                | <input type="checkbox"/> Stones                        |
| <input type="checkbox"/> Desperation Point            | <input type="checkbox"/> Oaonui Beach           | <input type="checkbox"/> South Point                   |
| <input type="checkbox"/> Far Toos (Kina Road North)   | <input type="checkbox"/> Opunake Reef and Beach | <input type="checkbox"/> Tai Road                      |
| <input type="checkbox"/> Greenmeadows                 | <input type="checkbox"/> Pohutakawas            | <input type="checkbox"/> Te Namu Reef                  |
| <input type="checkbox"/> Greenmeadows Beach           | <input type="checkbox"/> Puketapu               | <input type="checkbox"/> The Dump (Dumps)              |
| <input type="checkbox"/> Kina Point (Kina Road South) | <input type="checkbox"/> Sandy Bay              | <input type="checkbox"/> Twin Peaks                    |
| <input type="checkbox"/> Kina Road                    |   |  |

You selected the southern Taranaki area.

Please select the surf break/s that are important to you, select as many as you like.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Cabins           | <input type="checkbox"/> Ohawe Beach            | <input type="checkbox"/> Pid's Point (Waipipi) |
| <input type="checkbox"/> Denby Road       | <input type="checkbox"/> Patea River Beach      | <input type="checkbox"/> The Point (Fences)    |
| <input type="checkbox"/> Inside Fences    | <input type="checkbox"/> Patea River North Side | <input type="checkbox"/> Waiinu Reef           |
| <input type="checkbox"/> Kaupokanui Beach | <input type="checkbox"/> Patea River South Side | <input type="checkbox"/> Waverley Beach        |

These are the surf breaks you have selected as being important to you. Use the back button if you wish to make any changes. **YOU WILL BE UNABLE TO CHANGE YOUR SELECTIONS ONCE YOU SELECT NEXT.** Upon selecting the next button, you will be taken through a series of questions for each surf break in a random order.

**Northern area:** \${q://QID3/ChoiceGroup/SelectedChoices}

**New Plymouth area:** \${q://QID9/ChoiceGroup/SelectedChoices}

**Oakura area:** \${q://QID10/ChoiceGroup/SelectedChoices}

**Okato - Rahoutu area:** \${q://QID11/ChoiceGroup/SelectedChoices}

**Opunake area:** \${q://QID12/ChoiceGroup/SelectedChoices}

**South Taranaki area:** \${q://QID13/ChoiceGroup/SelectedChoices}

Please note it will take approximately 2.5 minutes to complete the survey for each surf break. 6 surf breaks 15 minutes. 20 surf breaks 50 minutes etc.

The survey will automatically save and allow you to return to the point you were up to if you are using the same computer or mobile device.

Can't find a surf break? Please contact the Taranaki Regional Council on 0800 736 222.

### Region 1 loop

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score \${Im://Field/1} on the attributes below **compared to other surf breaks within Taranaki.**

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes \${Im://Field/1} in your view?

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| <input type="radio"/> Point break     | <input type="radio"/> Beach break |
| <input type="radio"/> Reef break      | <input type="radio"/> Don't know  |
| <input type="radio"/> River bar break | <input type="radio"/> Other       |

If you have selected other, please describe the category of surf break that best describes \${Im://Field/1}:

Please select the main activity you value \${Im://Field/1} surf break for:

- |  |   |   |
|--|---|---|
| <input type="radio"/> Learning to surf | <input type="radio"/> Surf lifesaving         | <input type="radio"/> Stand up paddleboarding |
| <input type="radio"/> Big wave riding  | <input type="radio"/> Swimming (body surfing) | <input type="radio"/> Photography             |
| <input type="radio"/> Longboarding     | <input type="radio"/> Windsurfing             | <input type="radio"/>                         |

- Short board surfing
- Kitesurfing
- Watching and/or listening to waves
- Other
- Body boarding

If you have selected other, please describe the main activity that you use  $\${m://Field/1}$  surf break for:

How common are surf breaks that can be used for  $\${q://QID120/ChoiceGroup/SelectedChoices}$  in Taranaki?

- |             | 1 - Very common<br>(lots of locations) | 2 - Common            | 3 - Moderately common | 4 - Uncommon          | 5 - Very uncommon<br>(very few locations) | I don't know          |
|-------------|--|-----------------------|-----------------------|-----------------------|---|-----------------------|
| How common? | <input type="radio"/>                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>                     | <input type="radio"/> |

How common are surf breaks that can be used for  $\${q://QID121/ChoiceTextEntryValue}$  in Taranaki?

- |             | 1 - Very common<br>(lots of locations) | 2 - Common            | 3 - Moderately common | 4 - Uncommon          | 5 - Very uncommon<br>(very few locations) | I don't know          |
|-------------|--|-----------------------|-----------------------|-----------------------|---|-----------------------|
| How common? | <input type="radio"/>                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>                     | <input type="radio"/> |

**Wave quality** – how good is the wave quality at  $\${m://Field/1}$  ? Quality is the shape, power, height, length of ride etc.

- |              | 1 - Very low wave quality | 2 - Low wave quality  | 3 - Moderate wave quality | 4 - High wave quality | 5 - Very high wave quality | I don't know          |
|--------------|---------------------------|-----------------------|---------------------------|-----------------------|----------------------------|-----------------------|
| Wave Quality | <input type="radio"/>     | <input type="radio"/> | <input type="radio"/>     | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> |

**Wave consistency** – how often are the waves good at  $\${m://Field/1}$  , e.g. how many days in a year?

	1 - Very low wave consistency	2 - Low wave consistency	3 - Moderate wave consistency	4 - High wave consistency	5 - Very high wave consistency	I don't know
Wave Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wilderness** – how remote, exposed and ‘wild’ is the experience offered by  $\{Im://Field/1\}$  ?

	1 - Very low wilderness	2 - Low wilderness	3 - Moderate wilderness	4 - High wilderness	5 - Very high wilderness	I don't know
Wilderness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{Im://Field/1\}$  compared to other breaks in Taranaki?

	1 - Very low uniqueness	2 - Low uniqueness	3 - Moderate uniqueness	4 - High uniqueness	5 - Very high uniqueness	I don't know
Uniqueness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Naturalness** – how much has  $\{Im://Field/1\}$  been changed by humans? Is there:  
 native wildlife?  
 native vegetation i.e. not pasture?  
 good water quality?  
 no buildings or other man made structures, bridges or roads

	1 - Very low naturalness	2 - Low naturalness	3 - Moderate naturalness	4 - High naturalness	5 - Very high naturalness	I don't know
Naturalness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Amenity** – to what extent does  $\{Im://Field/1\}$  provide features that make the place attractive to visit:

- facilities - e.g. café, toilets, picnic areas, club rooms?
- services – e.g. Surf Life Savers, surfing lessons?
- easy access, short travel distance from home?
- good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is  $\${m://Field/1}$  popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>					

**Economic value** – is  $\${m://Field/1}$  a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is  $\${m://Field/1}$  for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Region 2 loop

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score  $\${m://Field/1}$  on the attributes below **compared to other surf breaks within Taranaki**.

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes  $\{\text{Im://Field/1}\}$  in your view?

- Point break
- Reef break
- River bar break
- Beach break
- Don't know
- Other

If you have selected other, please describe the category of surf break that best describes  $\{\text{Im://Field/1}\}$ :

Please select the main activity you value  $\{\text{Im://Field/1}\}$  surf break for:

- Learning to surf
- Big wave riding
- Longboarding
- Short board surfing
- Body boarding
- Surf lifesaving
- Swimming (body surfing)
- Windsurfing
- Kitesurfing
- Stand up paddleboarding
- Photography
- Watching and/or listening to waves
- Other

If you have selected other, please describe the main activity that you use  $\{\text{Im://Field/1}\}$  surf break for:

How common are surf breaks that can be used for  $\{\text{q://QID132/ChoiceGroup/SelectedChoices}\}$  in Taranaki?

- |             |  |                       |                       |                       |   |                       |
|-------------|--|-----------------------|-----------------------|-----------------------|---|-----------------------|
|             | 1 - Very common<br>(lots of locations) | 2 - Common            | 3 - Moderately common | 4 - Uncommon          | 5 - Very uncommon<br>(very few locations) | I don't know          |
| How common? | <input type="radio"/>                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>                     | <input type="radio"/> |

How common are surf breaks that can be used for  $\{\text{q://QID133/ChoiceTextEntryValue}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave quality** – how good is the wave quality at  $\{\text{Im://Field/1}\}$  ? Quality is the shape, power, height, length of ride etc.

	1 - Very low wave quality	2 - Low wave quality	3 - Moderate wave quality	4 - High wave quality	5 - Very high wave quality	I don't know
Wave Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave consistency** – how often are the waves good at  $\{\text{Im://Field/1}\}$  , e.g. how many days in a year?

	1 - Very low wave consistency	2 - Low wave consistency	3 - Moderate wave consistency	4 - High wave consistency	5 - Very high wave consistency	I don't know
Wave Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{\text{Im://Field/1}\}$  compared to other breaks in Taranaki?

	1 - Very low uniqueness	2 - Low uniqueness	3 - Moderate uniqueness	4 - High uniqueness	5 - Very high uniqueness	I don't know
Uniqueness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wilderness** – how remote, exposed and 'wild' is the experience offered by  $\{\text{Im://Field/1}\}$  ?

	1 - Very low wilderness	2 - Low wilderness	3 - Moderate wilderness	4 - High wilderness	5 - Very high wilderness	I don't know
Wilderness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Naturalness** – how much has  $\{\text{Im://Field/1}\}$  been changed by humans? Is there:

native wildlife?

native vegetation i.e. not pasture?

good water quality?

no buildings or other man made structures, bridges or roads

	1 - Very low naturalness	2 - Low naturalness	3 - Moderate naturalness	4 - High naturalness	5 - Very high naturalness	I don't know
Naturalness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Amenity** – to what extent does  $\{Im://Field/1\}$  provide features that make the place attractive to visit:

facilities - e.g. café, toilets, picnic areas, club rooms?

services – e.g. Surf Life Savers, surfing lessons?

easy access, short travel distance from home?

good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is  $\{Im://Field/1\}$  popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Economic value** – is  $\{Im://Field/1\}$  a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is  $\{\text{Im://Field/1}\}$  for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Region 3 loop

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score  $\{\text{Im://Field/1}\}$  on the attributes below **compared to other surf breaks within Taranaki**.

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes  $\{\text{Im://Field/1}\}$  in your view?

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| <input type="radio"/> Point break     | <input type="radio"/> Beach break |
| <input type="radio"/> Reef break      | <input type="radio"/> Don't know  |
| <input type="radio"/> River bar break | <input type="radio"/> Other       |

If you have selected other, please describe the category of surf break that best describes  $\{\text{Im://Field/1}\}$ :

Please select the main activity you value  $\{\text{Im://Field/1}\}$  surf break for:

- |   |   |  |
|---|---|--|
| <input type="radio"/> Learning to surf    | <input type="radio"/> Surf lifesaving         | <input type="radio"/> Stand up paddleboarding            |
| <input type="radio"/> Big wave riding     | <input type="radio"/> Swimming (body surfing) | <input type="radio"/> Photography                        |
| <input type="radio"/> Longboarding        | <input type="radio"/> Windsurfing             | <input type="radio"/> Watching and/or listening to waves |
| <input type="radio"/> Short board surfing | <input type="radio"/> Kitesurfing             | <input type="radio"/> Other                              |
| <input type="radio"/> Body boarding       |   |  |

If you have selected other, please describe the main activity that you use  $\{\text{Im://Field/1}\}$  surf break for:

How common are surf breaks that can be used for  $\{\text{q://QID149/ChoiceGroup/SelectedChoices}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How common are surf breaks that can be used for  $\{\text{q://QID150/ChoiceTextEntryValue}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave quality** – how good is the wave quality at  $\{\text{Im://Field/1}\}$  ? Quality is the shape, power, height, length of ride etc.

	1 - Very low wave quality	2 - Low wave quality	3 - Moderate wave quality	4 - High wave quality	5 - Very high wave quality	I don't know
Wave Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave consistency** – how often are the waves good at  $\{\text{Im://Field/1}\}$  , e.g. how many days in a year?

	1 - Very low wave consistency	2 - Low wave consistency	3 - Moderate wave consistency	4 - High wave consistency	5 - Very high wave consistency	I don't know
Wave Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{\text{Im://Field/1}\}$  compared to other breaks in Taranaki?

	1 - Very low uniqueness	2 - Low uniqueness	3 - Moderate uniqueness	4 - High uniqueness	5 - Very high uniqueness	I don't know
Uniqueness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wilderness** – how remote, exposed and 'wild' is the experience offered by  $\{\text{Im://Field/1}\}$  ?

	1 - Very low wilderness	2 - Low wilderness	3 - Moderate wilderness	4 - High wilderness	5 - Very high wilderness	I don't know
Wilderness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Naturalness** – how much has  $\{\text{Im://Field/1}\}$  been changed by humans? Is there:  
 native wildlife?  
 native vegetation i.e. not pasture?  
 good water quality?  
 no buildings or other man made structures, bridges or roads

	1 - Very low naturalness	2 - Low naturalness	3 - Moderate naturalness	4 - High naturalness	5 - Very high naturalness	I don't know
Naturalness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Amenity** – to what extent does  $\{\text{Im://Field/1}\}$  provide features that make the place attractive to visit:

facilities - e.g. café, toilets, picnic areas, club rooms?  
 services – e.g. Surf Life Savers, surfing lessons?  
 easy access, short travel distance from home?  
 good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is  $\{\text{Im://Field/1}\}$  popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>					

**Economic value** – is  $\${Im://Field/1}$  a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is  $\${Im://Field/1}$  for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Region 4 loop**

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score  $\${Im://Field/1}$  on the attributes below **compared to other surf breaks within Taranaki**.

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes  $\${Im://Field/1}$  in your view?

- Point break
- Reef break
- River bar break
- Beach break
- Don't know
- Other

If you have selected other, please describe the category of surf break that best describes  $\{Im://Field/1\}$ :

Please select the main activity you value  $\{Im://Field/1\}$  surf break for:

- Learning to surf
- Big wave riding
- Longboarding
- Short board surfing
- Body boarding
- Surf lifesaving
- Swimming (body surfing)
- Windsurfing
- Kitesurfing
- Stand up paddleboarding
- Photography
- Watching and/or listening to waves
- Other

If you have selected other, please describe the main activity that you use  $\{Im://Field/1\}$  surf break for:

How common are surf breaks that can be used for  $\{q://QID166/ChoiceGroup/SelectedChoices\}$  in Taranaki?

- |             |  |                       |                       |                       |   |                       |
|-------------|--|-----------------------|-----------------------|-----------------------|---|-----------------------|
|             | 1 - Very common<br>(lots of locations) | 2 - Common            | 3 - Moderately common | 4 - Uncommon          | 5 - Very uncommon<br>(very few locations) | I don't know          |
| How common? | <input type="radio"/>                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>                     | <input type="radio"/> |

How common are surf breaks that can be used for  $\{q://QID167/ChoiceTextEntryValue\}$  in Taranaki?

- |             |  |                       |                       |                       |   |                       |
|-------------|--|-----------------------|-----------------------|-----------------------|---|-----------------------|
|             | 1 - Very common<br>(lots of locations) | 2 - Common            | 3 - Moderately common | 4 - Uncommon          | 5 - Very uncommon<br>(very few locations) | I don't know          |
| How common? | <input type="radio"/>                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>                     | <input type="radio"/> |

**Wave quality** – how good is the wave quality at  $\{Im://Field/1\}$  ? Quality is the shape, power, height, length of ride etc.

	1 - Very low wave quality	2 - Low wave quality	3 - Moderate wave quality	4 - High wave quality	5 - Very high wave quality	I don't know
Wave Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave consistency** – how often are the waves good at  $\{\text{Im://Field/1}\}$ , e.g. how many days in a year?

	1 - Very low wave consistency	2 - Low wave consistency	3 - Moderate wave consistency	4 - High wave consistency	5 - Very high wave consistency	I don't know
Wave Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{\text{Im://Field/1}\}$  compared to other breaks in Taranaki?

	1 - Very low uniqueness	2 - Low uniqueness	3 - Moderate uniqueness	4 - High uniqueness	5 - Very high uniqueness	I don't know
Uniqueness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wilderness** – how remote, exposed and 'wild' is the experience offered by  $\{\text{Im://Field/1}\}$  ?

	1 - Very low wilderness	2 - Low wilderness	3 - Moderate wilderness	4 - High wilderness	5 - Very high wilderness	I don't know
Wilderness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Naturalness** – how much has  $\{\text{Im://Field/1}\}$  been changed by humans? Is there:  
 native wildlife?  
 native vegetation i.e. not pasture?  
 good water quality?  
 no buildings or other man made structures, bridges or roads

	1 - Very low naturalness	2 - Low naturalness	3 - Moderate naturalness	4 - High naturalness	5 - Very high naturalness	I don't know
Naturalness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Amenity** – to what extent does \${Im://Field/1} provide features that make the place attractive to visit:

facilities - e.g. café, toilets, picnic areas, club rooms?

services – e.g. Surf Life Savers, surfing lessons?

easy access, short travel distance from home?

good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is \${Im://Field/1} popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>					

**Economic value** – is \${Im://Field/1} a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is \${Im://Field/1} for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Region 5 loop

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score  $\{\text{Im}://\text{Field}/1\}$  on the attributes below **compared to other surf breaks within Taranaki.**

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes  $\{\text{Im}://\text{Field}/1\}$  in your view?

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| <input type="radio"/> Point break     | <input type="radio"/> Beach break |
| <input type="radio"/> Reef break      | <input type="radio"/> Don't know  |
| <input type="radio"/> River bar break | <input type="radio"/> Other       |

If you have selected other, please describe the category of surf break that best describes  $\{\text{Im}://\text{Field}/1\}$ :

Please select the main activity you value  $\{\text{Im}://\text{Field}/1\}$  surf break for:

- |   |   |  |
|---|---|--|
| <input type="radio"/> Learning to surf    | <input type="radio"/> Surf lifesaving         | <input type="radio"/> Stand up paddleboarding            |
| <input type="radio"/> Big wave riding     | <input type="radio"/> Swimming (body surfing) | <input type="radio"/> Photography                        |
| <input type="radio"/> Longboarding        | <input type="radio"/> Windsurfing             | <input type="radio"/> Watching and/or listening to waves |
| <input type="radio"/> Short board surfing | <input type="radio"/> Kitesurfing             | <input type="radio"/> Other                              |
| <input type="radio"/> Body boarding       |   |  |

If you have selected other, please describe the main activity that you use  $\{\text{Im}://\text{Field}/1\}$  surf break for:

How common are surf breaks that can be used for  $\{\text{q}://\text{QID}183/\text{ChoiceGroup}/\text{SelectedChoices}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How common are surf breaks that can be used for  $\{q://QID184/ChoiceTextEntryValue\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave quality** – how good is the wave quality at  $\{lm://Field/1\}$  ? Quality is the shape, power, height, length of ride etc.

	1 - Very low wave quality	2 - Low wave quality	3 - Moderate wave quality	4 - High wave quality	5 - Very high wave quality	I don't know
Wave Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave consistency** – how often are the waves good at  $\{lm://Field/1\}$  , e.g. how many days in a year?

	1 - Very low wave consistency	2 - Low wave consistency	3 - Moderate wave consistency	4 - High wave consistency	5 - Very high wave consistency	I don't know
Wave Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{lm://Field/1\}$  compared to other breaks in Taranaki?

	1 - Very low uniqueness	2 - Low uniqueness	3 - Moderate uniqueness	4 - High uniqueness	5 - Very high uniqueness	I don't know
Uniqueness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wilderness** – how remote, exposed and 'wild' is the experience offered by \${Im://Field/1} ?

	1 - Very low wilderness	2 - Low wilderness	3 - Moderate wilderness	4 - High wilderness	5 - Very high wilderness	I don't know
Wilderness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Naturalness** – how much has \${Im://Field/1} been changed by humans? Is there:  
 native wildlife?  
 native vegetation i.e. not pasture?  
 good water quality?  
 no buildings or other man made structures, bridges or roads

	1 - Very low naturalness	2 - Low naturalness	3 - Moderate naturalness	4 - High naturalness	5 - Very high naturalness	I don't know
Naturalness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Amenity** – to what extent does \${Im://Field/1} provide features that make the place attractive to visit:

facilities - e.g. café, toilets, picnic areas, club rooms?  
 services – e.g. Surf Life Savers, surfing lessons?  
 easy access, short travel distance from home?  
 good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is \${Im://Field/1} popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>					

**Economic value** – is \${Im://Field/1} a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is  $\${Im://Field/1}$  for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Region 6 loop**

There are a variety of attributes that contribute to the value of a surf break and different people may value different things. Please score  $\${Im://Field/1}$  on the attributes below **compared to other surf breaks within Taranaki.**

**Rarity** - the rating is based on the availability of different types of surf breaks.

Please select the category that best describes  $\${Im://Field/1}$  in your view?

- Point break
- Reef break
- River bar break
- Beach break
- Don't know
- Other

If you have selected other, please describe the category of surf break that best describes  $\${Im://Field/1}$ :

Please select the main activity you value  $\${Im://Field/1}$  surf break for:

- Learning to surf
- Big wave riding
- Longboarding
- Short board surfing
- Body boarding
- Surf lifesaving
- Swimming (body surfing)
- Windsurfing
- Kitesurfing
- Stand up paddleboarding
- Photography
- Watching and/or listening to waves
- Other

If you have selected other, please describe the main activity that you use  $\{\text{Im://Field/1}\}$  surf break for:

How common are surf breaks that can be used for  $\{\text{q://QID200/ChoiceGroup/SelectedChoices}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How common are surf breaks that can be used for  $\{\text{q://QID201/ChoiceTextEntryValue}\}$  in Taranaki?

	1 - Very common (lots of locations)	2 - Common	3 - Moderately common	4 - Uncommon	5 - Very uncommon (very few locations)	I don't know
How common?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave quality** – how good is the wave quality at  $\{\text{Im://Field/1}\}$  ? Quality is the shape, power, height, length of ride etc.

	1 - Very low wave quality	2 - Low wave quality	3 - Moderate wave quality	4 - High wave quality	5 - Very high wave quality	I don't know
Wave Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Wave consistency** – how often are the waves good at  $\{\text{Im://Field/1}\}$  , e.g. how many days in a year?

1 - Very low wave consistency      2 - Low wave consistency      3 - Moderate wave consistency      4 - High wave consistency      5 - Very high wave consistency      I don't know

Wave Consistency                                   

**Uniqueness** – Some surf breaks produce good waves in conditions that are unfavourable at most other breaks. How unique are the conditions that produce good waves at  $\{Im://Field/1\}$  compared to other breaks in Taranaki?

1 - Very low uniqueness      2 - Low uniqueness      3 - Moderate uniqueness      4 - High uniqueness      5 - Very high uniqueness      I don't know

Uniqueness                                   

**Wilderness** – how remote, exposed and 'wild' is the experience offered by  $\{Im://Field/1\}$  ?

1 - Very low wilderness      2 - Low wilderness      3 - Moderate wilderness      4 - High wilderness      5 - Very high wilderness      I don't know

Wilderness                                   

**Naturalness** – how much has  $\{Im://Field/1\}$  been changed by humans? Is there:  
 native wildlife?  
 native vegetation i.e. not pasture?  
 good water quality?  
 no buildings or other man made structures, bridges or roads

1 - Very low naturalness      2 - Low naturalness      3 - Moderate naturalness      4 - High naturalness      5 - Very high naturalness      I don't know

Naturalness                                   

**Amenity** – to what extent does  $\{Im://Field/1\}$  provide features that make the place attractive to visit:

facilities - e.g. café, toilets, picnic areas, club rooms?  
 services – e.g. Surf Life Savers, surfing lessons?  
 easy access, short travel distance from home?  
 good place to view or photograph surf?

	1 - Very low in amenity	2 - Low in amenity	3 - Moderate in amenity	4 - High in amenity	5 - Very high in amenity	I don't know
Amenity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Level of use** – is  $\${Im://Field/1}$  popular, do lots of people use the surf break?

	1 - Very low use	2 - Low use	3 - Moderate use	4 - High use	5 - Very high use	I don't know
Level of use	<input type="radio"/>					

**Economic value** – is  $\${Im://Field/1}$  a renowned break or visitor attraction, are competitions held bringing people to the region?

	1 - Very low economic value	2 - Low economic value	3 - Moderate economic value	4 - High economic value	5 - Very high economic value	I don't know
Economic value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Historical and cultural association** - how important is  $\${Im://Field/1}$  for cultural and historic reasons, including the importance to tangata whenua, historic club associations such as surf life saving or board riding etc?

	1 - Very low importance	2 - Low importance	3 - Moderate importance	4 - High importance	5 - Very high importance	I don't know
Historic and cultural association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**How do you enjoy Taranaki Surf Breaks**

How do you enjoy Taranaki surf breaks? Select as many answers as needed.

- |                                       |   |
|---------------------------------------|---|
| <input type="checkbox"/> Surfing      | <input type="checkbox"/> Surf life saving                       |
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Photography                            |
| <input type="checkbox"/> Windsurfing  | <input type="checkbox"/> Watching and/or listening to the waves |
| <input type="checkbox"/> Kite surfing | <input type="checkbox"/> Other                                  |

Stand up paddle boarding (SUP)

If you have selected "Other", please describe how else you enjoy Taranaki surf breaks:

Do you have any other comments about surf breaks?

How many years have you enjoyed Taranaki surf breaks?

- Less than one year
- 1 to 2 years
- 3 to 5 years
- 5 to 10 years
- 10 to 20 years
- More than 20 years

What age bracket do you fall into?

- Younger than 20 years
- 20 - 24 years
- 25 -29 years
- 30 - 39 years
- 40 - 49 years
- 50 - 59 years
- 60 - 69 years
- 70 plus

Are you a current Taranaki resident?

- Yes
- No

**End**

Thank you for participating in the Taranaki Coastal Surf Survey. If you want to start the survey again, or edit your responses, please contact Taranaki Regional Council on 0800 736 222.

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## Appendix 3 – Further analysis information



Wave Quality			Wave Consistency			Wave Uniqueness			Wilderness			Naturalness		
Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Surf Break Name	Average	Responses
Stent Road	4.800	86	Stent Road	4.333	84	The Point (Fences)	4.571	14	Kumera Patch	4.124	97	Kumera Patch	3.948	97
Kumera Patch	4.536	98	Rocky Lefts	4.075	80	Inside Fences	4.105	19	Inside Fences	4.105	19	Rahotu Multiple Beach Breaks	3.933	15
Rocky Lefts	4.338	81	Graveyards	3.922	90	Bog Works	4.045	44	Lupins	3.971	35	Lupins	3.743	35
South Point	4.250	25	Mangahume Reef	3.860	57	Stent Road	3.988	84	Greenmeadows	3.917	48	Komene Left	3.727	33
Graveyards	4.156	90	Fitzroy Beach	3.844	96	Kumera Patch	3.969	96	Greenmeadows Beach	3.862	29	South Point	3.667	24
The Groyne	4.143	49	Kumera Patch	3.813	96	Greenmeadows	3.875	48	Rahotu Multiple Beach Breaks	3.800	15	Greenmeadows Beach	3.655	29
The Point (Fences)	4.143	15	The Pipe	3.800	5	Bell Block Reef	3.818	33	Sundays	3.794	34	Komene Road Beach	3.632	38
Mangahume Reef	4.140	58	Back Beach Breaks	3.798	109	South Point	3.792	24	Pohutakawas	3.741	27	Manihi Road Reef	3.583	12
Bog Works	4.091	45	Punihos	3.721	86	Spot X	3.765	17	Rongomai Road	3.714	14	The Point (Fences)	3.571	14
Waiwhakaiho Reef	4.089	57	Spot X	3.706	17	Kina Point (Kina Road South)	3.720	25	The Point (Fences)	3.714	14	Greenmeadows	3.563	48
Rocky Rights	4.060	84	Back of Stent	3.650	80	Mangahume Reef	3.719	57	South Point	3.708	24	Rongomai Road	3.500	14
Inside Fences	4.000	19	Arawhata Road Point	3.635	63	Rocky Lefts	3.713	80	Stepladders Left and Right	3.700	10	Far Toos (Kina Road North)	3.500	12
Dread Rock	4.000	5	Rocky Rights	3.602	83	Lupins	3.686	35	Komene Road Beach	3.658	38	Slaughterhouse Left and Right	3.500	10
Oats	4.000	5	Weld Road Breaks	3.583	72	Fin Whaka	3.625	24	Kina Road	3.656	32	The Islands	3.500	6
Fitzroy Beach	3.958	97	Oakura Beach	3.574	61	Tasman	3.625	8	Fin Whaka	3.625	24	Puketapu	3.429	14
Spot X	3.941	17	Waiwhakaiho River Mouth	3.547	53	Sundays	3.618	34	BJ's Left	3.615	13	Brazils	3.429	7
Punihos	3.930	87	Ahu Ahu Multiple Breaks	3.531	81	The Groyne	3.612	49	Kina Point (Kina Road South)	3.600	25	Inside Fences	3.421	19
Fin Whaka	3.917	24	Farmhouse Stent	3.522	23	Punihos	3.612	85	Slaughterhouse Left and Right	3.600	10	Turangi Reef	3.400	5
Waiwhakaiho River Mouth	3.868	54	Waiwhakaiho Reef	3.500	56	Belt Road Left	3.605	43	Turangi Reef	3.600	5			
Bell Block Reef	3.818	34	Bayly Road Breaks	3.500	24	Boilers	3.600	10	Manihi Road Reef	3.583	12	Naturalness average less than 3.4		
Arawhata Road Point	3.813	65	Fin Whaka	3.500	24	The Pipe	3.600	5	Oaonui Beach	3.571	14			
Greenmeadows	3.813	49	Greenmeadows	3.458	48	Manihi Road Reef	3.583	12	Brazils	3.571	7	Mangahume Reef	3.386	57
The Pipe	3.800	6	Opunake Reef and Beach	3.448	29	Graveyards	3.567	90	Waiongana Reef	3.571	7	Sundays	3.382	34
Back of Stent	3.763	81	East Beach	3.444	9	Rocky Rights	3.566	83	Sky Williams	3.535	43	Kina Road	3.344	32
Waitara Bar	3.737	20	Sky Williams	3.442	43	The Wedge	3.556	9	Back of Stent	3.525	80	Pohutakawas	3.333	27
Trap Doors	3.727	23	Kina Point (Kina Road South)	3.440	25	Weld Road Breaks	3.548	73	The Islands	3.500	6	Kina Point (Kina Road South)	3.320	25
Secrets	3.706	18	The Gap (at Fitzroy)	3.426	47	Rahotu Multiple Beach Breaks	3.533	15	Komene Left	3.485	33	Shark Pit	3.308	13
Sky Williams	3.698	44	Arawhata Road Reef	3.423	52	Arawhata Road Point	3.531	64	Bayly Road Breaks	3.480	25	Tapuae Beach Breaks	3.308	13
Lupins	3.657	36	Kina Road	3.406	32	Far Toos (Kina Road North)	3.500	12	Secrets	3.471	17	Sky Williams	3.302	43
Back Beach Breaks	3.606	110				Ohawe Beach	3.500	10	Spot X	3.471	17	Rifle Range	3.286	7
Arawhata Road Reef	3.604	54	Wave consistency average less than 3.4			Stepladders Left and Right	3.500	10	Shark Pit	3.462	13	Back of Stent	3.263	80
Patea River Beach	3.583	13				The Islands	3.500	6	Mangahume Reef	3.439	57	Weld Road Breaks	3.233	73
Secret Sandy's	3.565	24	The Dump (Dumps)	3.360	25	Sky Williams	3.488	43	Puketapu	3.429	14	Ahu Ahu Multiple Breaks	3.232	82
Kina Point (Kina Road South)	3.560	26	Secrets	3.353	17	Ahu Ahu Multiple Breaks	3.488	82	Rifle Range	3.429	7	Bird's Nest	3.224	58
The Gap (at Fitzroy)	3.553	48	BJ's Left	3.308	13	Boat Ramps	3.480	25	Punihos	3.419	86	Tapuae Left	3.222	9
Farmhouse Stent	3.545	23	East End	3.304	46	Waiwhakaiho River Mouth	3.472	53	Far Toos (Kina Road North)	3.417	12	Porikapa Road	3.200	10
Tai Road	3.524	22	Slimey Rocks	3.286	7	Kina Road	3.469	32				The Pipe	3.200	5
Kina Road	3.500	33	Bird's Nest	3.259	58	BJ's Left	3.462	13	Wilderness average less than 3.4			Shipwrecks	3.182	22
Butlers Reef	3.478	23	South Point	3.250	24	Trap Doors	3.455	22				Crushers	3.176	17
Sundays	3.471	34	Patea River Beach	3.250	12	Back of Stent	3.450	80	Bell Block Reef	3.394	33	Fin Whaka	3.167	24
Kaupokanui Beach	3.467	15	Patea River South Side	3.250	12	Pohutakawas	3.444	27	Tapuae Beach Breaks	3.385	13	Waverley Beach	3.167	6
BJ's Left	3.462	14	Shipwrecks	3.238	21	Bird's Nest	3.431	58	Bird's Nest	3.362	58	Punihos	3.163	86
Bird's Nest	3.448	58	Boilers	3.200	10	Tai Road	3.429	21	Bayly Road North	3.313	16	Oaonui Beach	3.143	14
Boat Ramps	3.440	26	Bayly Road North	3.188	16	Puketapu	3.429	14	Rocky Rights	3.289	83	Waiinu Reef	3.143	7
The Dump (Dumps)	3.423	27	Crushers	3.176	17	Belt Road Right	3.422	45	Waiinu Reef	3.286	7	Waiongana Reef	3.143	7
Boilers	3.400	10	Arawhata Road Beach	3.167	30	Butlers Reef	3.417	24	The Dump (Dumps)	3.269	26	Graveyards	3.124	89
			Patea River North Side	3.167	12	Breakwater	3.417	12	Desperation Point	3.250	16	Rocky Rights	3.122	82
Wave quality average less than 3.4			Waitara Bar	3.158	19	Secrets	3.412	17	Tai Road	3.238	21	Back Beach Breaks	3.119	109
			Pohutakawas	3.148	27	Waiwhakaiho Reef	3.404	57	Crow's Nest	3.222	9	Secrets	3.118	17
Bayly Road Breaks	3.375	25	Sundays	3.147	34	Turangi Reef	3.400	5	Farmhouse Stent	3.217	23	Rocky Lefts	3.101	79
Desperation Point	3.375	17	Oakura Camp Ground	3.146	48				Porikapa Road	3.200	10	Stepladders Left and Right	3.100	10
Wind Wand	3.375	9	Tai Road	3.143	21	Wave uniqueness average less than 3.4			Arawhata Road Reef	3.189	53	Arawhata Road Reef	3.096	52
Belt Road Left	3.372	43	Rifle Range	3.143	7				Crushers	3.176	17	Secret Sandy's	3.087	23
Weld Road Breaks	3.365	75	Sluggo's	3.143	7	Secret Sandy's	3.391	23	Waverley Beach	3.167	6	BJ's Left	3.077	13
Belt Road Right	3.356	46	Greenmeadows Beach	3.069	29	Desperation Point	3.375	16	Shipwrecks	3.136	22	Epiha Road	3.077	13
Ahu Ahu Multiple Breaks	3.341	83	Oakura River Mouth	3.049	41	Te Namu Reef	3.375	8	Arawhata Road Point	3.125	64	Desperation Point	3.063	16
Patea River North Side	3.333	13	The Groyne	3.041	49	Wind Wand	3.375	8	Graveyards	3.122	90	Spot X	3.059	17
East Beach	3.333	10	Boulters (Boulder Bay)	3.000	22	Bayly Road Breaks	3.360	25	Tapuae Left	3.111	9	Farmhouse Stent	3.043	23
The Wedge	3.333	10	Rahotu Multiple Beach Breaks	3.000	15	Arawhata Road Reef	3.358	53	The Wedge	3.111	9	Bayly Road Breaks	3.000	25
Ohawe Beach	3.300	10	Sandy bay	3.000	14	Oaonui Beach	3.357	14	Secret Sandy's	3.087	23	Butlers Reef	3.000	23
Pohutakawas	3.296	28	Tank Farms	3.000	14	Farmhouse Stent	3.348	23	Fort St George	3.083	24	Fort St George	3.000	23
Crushers	3.294	17	Crow's Nest	3.000	9	Waitara Bar	3.333	18	Lieth Road	3.083	12	Lieth Road	3.000	11
Oakura Beach	3.290	63	Wind Wand	3.000	8	Kaupokanui Beach	3.333	15	Weld Road Breaks	3.068	74	Motunui (Oataroa Road)	3.000	5
Brazils	3.286	8	Motunui (Oataroa Road)	3.000	5	Back Beach Breaks	3.315	108	Kaupokanui Beach	3.063	16	Pid's Point (Waipipi)	3.000	5
Rifle Range	3.286	8	Trap Doors	2.955	22	Bayly Road North	3.313	16	Arawhata Road Beach	3.033	30	Arawhata Road Point	2.984	64
Sluggo's	3.286	7	Oaonui Beach	2.929	14	Epiha Road	3.308	13	Ahu Ahu Multiple Breaks	3.012	82	Arawhata Road Beach	2.967	30
Arawhata Road Beach	3.267	31	Far Toos (Kina Road North)	2.917	12	Rifle Range	3.286	7	Sandy bay	3.000	14	Kaupokanui Beach	2.938	16
Patea River South Side	3.250	13	Ohawe Beach	2.900	10	Waiinu Reef	3.286	7	Te Namu Reef	3.000	9	Sandy bay	2.929	14
Cemetery Point	3.250	9	Porikapa Road	2.900	10	Fitzroy Beach	3.278	97	Cemetery Point	3.000	8	Crow's Nest	2.889	9
Epiha Road	3.231	13	Middletons Bay	2.882	17	Opunake Reef and Beach	3.276	29	Mussels	3.000	6	Bayly Road North	2.875	16
Greenmeadows Beach	3.207	29	Cemetery Point	2.875	8	The Dump (Dumps)	3.269	26	Motunui (Oataroa Road)	3.000	5	Cemetery Point	2.875	8

Motunui (Oataroa Road)	3.200	5	Secret Sandy's	2.864	22	Patea River Beach	3.250	12	Pid's Point (Waipipi)	3.000	5	Trap Doors	2.864	22
Bayly Road North	3.188	17	Hole 9	2.857	7	Patea River South Side	3.250	12	Rocky Lefts	2.975	79	Stent Road	2.845	84
Far Toos (Kina Road North)	3.167	13	Epiha Road	2.846	13	Cemetery Point	3.250	8	Stent Road	2.941	85	Rewa Rewa	2.833	6
Oakura Camp Ground	3.149	48	Rewa Rewa	2.833	6	East Beach	3.222	9	Tank Farms	2.929	14	Tai Road	2.810	21
Tank Farms	3.143	14	Komene Left	2.818	33	Sandy bay	3.214	14	Epiha Road	2.923	13	Coast Road Bach	2.800	10
Hole 9	3.143	8	Kaupokanui Beach	2.800	15	Slaughterhouse Left and Right	3.200	10	Boilers	2.900	10	Bell Block Reef	2.788	33
Waiongana Reef	3.143	8	Coast Road Bach	2.800	10	Pid's Point (Waipipi)	3.200	5	Sluggo's	2.857	7	Tank Farms	2.786	14
Opunake Reef and Beach	3.138	30	Stepladders Left and Right	2.800	10	Greenmeadows Beach	3.172	29	Patea River North Side	2.833	12	East Beach	2.778	9
Rahotu Multiple Beach Breaks	3.133	15	Rongomai Road	2.786	14	Patea River North Side	3.167	12	Rewa Rewa	2.833	6	Patea River North Side	2.750	12
Oakura River Mouth	3.122	42	Jeffery's	2.765	17	Sluggo's	3.143	7	Waiwhakaiho River Mouth	2.811	53	The Dump (Dumps)	2.731	26
Jeffery's	3.118	17	Desperation Point	2.750	16	Waiongana Reef	3.143	7	Back Beach Breaks	2.798	109	Boat Ramps	2.720	25
Crow's Nest	3.111	9	Outsides (Cape Egmont Boat Club/Ramp Reef)	2.750	16	Arawhata Road Beach	3.133	30	Butlers Reef	2.792	24	Waiwhakaiho River Mouth	2.717	53
Stepladders Left and Right	3.100	11	Tasman	2.750	8	Komene Road Beach	3.132	38	Waiwhakaiho Reef	2.789	57	Sluggo's	2.714	7
Shipwrecks	3.091	22	Komene Road Beach	2.737	38	Crushers	3.118	17	Trap Doors	2.773	22	Urenui Bar	2.714	7
Breakwater	3.083	12	Bell Block Reef	2.727	33	Shipwrecks	3.091	22	Boat Ramps	2.760	25	Oakura River Mouth	2.667	42
Komene Road Beach	3.079	39	Puketapu	2.714	14	Rongomai Road	3.071	14	Wind Wand	2.750	8	Te Namu Reef	2.667	9
Oaonui Beach	3.071	15	Brazils	2.714	7	Oakura Beach	3.048	62	Coast Road Bach	2.700	10	Mussels	2.667	6
Sandy bay	3.071	15	Waiongana Reef	2.714	7	The Gap (at Fitzroy)	3.021	47	Ohawe Beach	2.700	10	Waitara Bar	2.650	20
East End	3.043	48	Butlers Reef	2.696	23	Middletons Bay	3.000	18	Bog Works	2.628	43	Waiwhakaiho Reef	2.649	57
Boulters (Boulder Bay)	3.000	24	Manihi Road Reef	2.667	12	Outsides (Cape Egmont Boat Club/Ramp Reef)	3.000	16	Outsides (Cape Egmont Boat Club/Ramp Reef)	2.625	16	Wind Wand	2.625	8
Middletons Bay	3.000	18	Te Namu Reef	2.667	9	Tank Farms	3.000	15	East Beach	2.600	10	Ohawe Beach	2.600	10
Outsides (Cape Egmont Boat Club/Ramp Reef)	3.000	17	The Islands	2.667	6	Shark Pit	3.000	13	The Pipe	2.600	5	The Groyne	2.571	49
Puketapu	3.000	15	Waverley Beach	2.667	6	Te Henui Right (Reform)	3.000	11	Patea River Beach	2.583	12	Hole 9	2.571	7
Manihi Road Reef	3.000	13	Fort St George	2.636	22	Brazils	3.000	7	Hole 9	2.571	7	Outsides (Cape Egmont Boat Club/Ramp Reef)	2.563	16
Onaero Surf camp	3.000	5	Lieth Road	2.636	11	Hole 9	3.000	7	Urenui Bar	2.571	7	Oakura Camp Ground	2.521	48
Wave quality average less than 3.0			Te Henui Right (Reform)	2.636	11	Urenui Bar	3.000	7	Waitara Bar	2.550	20	Bog Works	2.500	44
			Slaughterhouse Left and Right	2.600	10	Waverley Beach	3.000	6	Oakura River Mouth	2.524	42	Middletons Bay	2.500	18
			Pid's Point (Waipipi)	2.600	5	Oakura Camp Ground	2.958	48	The Groyne	2.510	49	Te Henui Right (Reform)	2.500	12
Komene Left	2.939	34	Tapuae Beach Breaks	2.583	12	Oakura River Mouth	2.952	42	Patea River South Side	2.500	12	Boilers	2.500	10
Rongomai Road	2.929	14	Lupins	2.571	35	Boulters (Boulder Bay)	2.913	23	Middletons Bay	2.444	18	Opunake Reef and Beach	2.448	29
Shark Pit	2.923	13	The Wedge	2.556	9	Komene Left	2.909	33	Oakura Camp Ground	2.333	48	Slimey Rocks	2.429	7
Coast Road Bach	2.900	11	Belt Road Left	2.500	42	Coast Road Bach	2.900	10	Kawarua	2.333	6	The Gap (at Fitzroy)	2.383	47
Te Namu Reef	2.889	10	Boat Ramps	2.480	25	Fort St George	2.875	24	Te Henui Right (Reform)	2.250	12	Oakura Beach	2.377	61
Slimey Rocks	2.857	8	Belt Road Right	2.477	44	Tapuae Beach Breaks	2.846	13	Belt Road Left	2.140	43	Patea River Beach	2.333	12
Waiinu Reef	2.857	8	Shark Pit	2.462	13	Porikapa Road	2.800	10	Opunake Reef and Beach	2.103	29	Patea River South Side	2.333	12
Rewa Rewa	2.833	7	Bog Works	2.432	44	Motunui (Oataroa Road)	2.800	5	Belt Road Right	2.091	44	The Wedge	2.333	9
Porikapa Road	2.800	10	The Point (Fences)	2.429	14	East End	2.766	47	Oakura Beach	2.032	62	Belt Road Left	2.286	42
Slaughterhouse Left and Right	2.800	10	Urenui Bar	2.429	7	Slimey Rocks	2.714	7	The Gap (at Fitzroy)	2.021	47	Belt Road Right	2.267	45
Turangi Reef	2.800	6	Waiinu Reef	2.429	7	Jeffery's	2.706	17	Fitzroy Beach	2.010	97	Fitzroy Beach	2.216	97
Tasman	2.750	9	Turangi Reef	2.400	5	Crow's Nest	2.667	9	Jeffery's	2.000	17	Jeffery's	2.176	17
Te Henui Right (Reform)	2.667	12	Mussels	2.333	6	Mussels	2.667	6	Breakwater	2.000	12	East End	2.170	47
The Islands	2.667	7	Inside Fences	2.263	19	Rewa Rewa	2.667	6	Slimey Rocks	2.000	7	Kawarua	2.167	6
Pid's Point (Waipipi)	2.600	5	Tapuae Left	2.250	8	Tapuae Left	2.625	8	Boulters (Boulder Bay)	1.913	23	Tasman	2.125	8
Fort St George	2.583	25	Breakwater	1.833	12	Lieth Road	2.583	12	Tasman	1.875	8	Boulters (Boulder Bay)	2.000	23
Lieth Road	2.583	12	Kawarua	1.667	6	Kawarua	1.833	6	East End	1.830	47	Breakwater	1.667	12
Mussels	2.500	7												
Urenui Bar	2.429	7	Less than 5 responses			Less than 5 responses			Less than 5 responses			Less than 5 responses		
Tapuae Beach Breaks	2.385	13												
Waverley Beach	2.333	7	Dread Rock	3.750	4	Tongaporutu	4.000	4	Dread Rock	4.500	4	Dread Rock	4.750	4
Onaero Beach	2.250	5	House for Karen	3.000	4	Onaero Surf camp	3.750	4	House for Karen	3.250	4	House for Karen	2.750	4
Tapuae Left	2.222	10	Oats	3.500	4	Dread Rock	3.500	4	Oats	3.500	4	Oats	3.250	4
Kawarua	2.167	7	Onaero Beach	2.000	4	Oats	3.500	4	Onaero Beach	2.500	4	Onaero Beach	2.500	4
Less than 5 responses			Onaero Surf camp	2.750	4	Waterfalls	3.500	4	Onaero Surf camp	3.250	4	Onaero Surf camp	3.250	4
			Putts Beach	2.750	4	Putts Beach	3.250	4	Putts Beach	3.250	4	Putts Beach	3.250	4
			Tongaporutu	4.000	4	Tongaporutu	3.250	4	Tongaporutu	4.750	4	Tongaporutu	4.500	4
Cabins	4.000	4	Waitoetoe	2.750	4	Onaero Beach	2.750	4	Waitoetoe	3.000	4	Waitoetoe	3.000	4
Denby Road	3.000	4	Waterfalls	3.250	4	House for Karen	2.500	4	Waterfalls	3.250	4	Waterfalls	3.250	4
Hammer Heads	3.333	4	Antunovic's	2.667	3	Cabins	4.000	3	Antunovic's	3.000	3	Antunovic's	3.000	3
House for Karen	2.750	4	Cabins	3.333	3	Three Amigos	3.667	3	Cabins	4.333	3	Cabins	4.333	3
Putts Beach	3.000	4	Cortez Bank	2.000	3	Cortez Bank	3.333	3	Cortez Bank	3.333	3	Cortez Bank	3.667	3
Three Amigos	3.333	4	Denby Road	2.667	3	Hammer Heads	3.333	3	Denby Road	3.000	3	Denby Road	2.667	3
Tongaporutu	3.750	4	Hammer Heads	3.000	3	Denby Road	3.000	3	Hammer Heads	4.000	3	Hammer Heads	3.667	3
Waitoetoe	3.250	4	Railways 2	2.333	3	Antunovic's	2.667	3	Railways 2	3.000	3	Railways 2	2.333	3
Waterfalls	3.000	4	Three Amigos	3.333	3	Railways 2	2.333	3	Three Amigos	3.333	3	Three Amigos	3.000	3
Antunovic's	2.667	3	DDT's	3.000	2	DDT's	3.500	2	DDT's	3.500	2	DDT's	3.000	2
Cortez Bank	3.000	3	Lawrie's Memorial	3.000	2	Stones	3.500	2	Lawrie's Memorial	3.000	2	Lawrie's Memorial	3.500	2
Lawrie's Memorial	3.000	3	Stones	3.000	2	Tapus	3.500	2	Long Reef	4.000	2	Long Reef	4.500	2
Railways 2	2.667	3	Tapus	3.000	2	Lawrie's Memorial	3.000	2	Stones	2.000	2	Stones	2.000	2
Stones	3.500	3	Twin Peaks	2.500	2	Twin Peaks	3.000	2	Tapus	3.500	2	Tapus	3.500	2
Tapus	3.000	3	Black Rocks	2.000	1	O T Dub	5.000	1	Twin Peaks	2.500	2	Twin Peaks	2.500	2



Amenity			Level of use			Economic value			Historic and cultural			Rarity			
Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Surf Break Name	Average	Responses	Use type	Average	Responses	River bar breaks
Fitzroy Beach	4.392	97	Fitzroy Beach	4.794	97	Fitzroy Beach	4.573	96	Waitara Bar	4.250	16	Kite surfing	3.122	50	Oakura River Mouth
Opunake Reef and Beach	4.276	29	Stent Road	4.788	85	Stent Road	4.157	83	Rongomai Road	4.250	12	Big wave riding	2.504	125	Patea river North Side
East End	4.170	47	Rocky Lefts	4.500	80	Oakura Beach	4.067	60	Graveyards	4.214	84	Surf lifesaving	2.500	18	Patea River South Side
Oakura Beach	4.065	62	Back Beach Breaks	4.321	109	Opunake Reef and Beach	3.931	29	Stent Road	4.143	77	Windsurfing	2.444	36	Waitara Bar
Oakura Camp Ground	3.938	48	Graveyards	4.300	90	The Pipe	3.800	5	The Point (Fences)	4.000	12	Learning to surf	2.164	122	Waiwhakaiho River Mouth
The Gap (at Fitzroy)	3.723	47	Oakura Beach	4.246	61	East End	3.717	46	Waiinu Reef	4.000	6	Longboarding	1.955	376	
Wind Wand	3.625	8	East End	4.170	47	Rocky Lefts	3.608	79	Rocky Lefts	3.973	73	Stand up paddleboarding	1.940	66	
Boulders (Boulder Bay)	3.565	23	Opunake Reef and Beach	4.103	29	Arawhata Road Point	3.587	63	Fin Whaka	3.952	21	Swimming	1.926	27	
			Arawhata Road Point	4.078	64	The Gap (at Fitzroy)	3.574	47	Mangahume Reef	3.945	55	Body Boarding	1.843	103	
<b>Amenity average less than 3.4</b>			Rocky Rights	4.036	83	Back Beach Breaks	3.570	107	Patea River Beach	3.909	11	Photography	1.769	13	
			The Pipe	4.000	5	Waitara Bar	3.556	18	Fitzroy Beach	3.904	83	Short board surfing	1.634	2131	
Te Henui Right (Reform)	3.333	12	Kumera Patch	3.990	97	Oakura Camp Ground	3.447	47	Ohawe Beach	3.900	10	Watching and or listening to waves	1.600	25	
Oakura River Mouth	3.286	42	Mangahume Reef	3.912	57	East Beach	3.444	9	Opunake Reef and Beach	3.893	28				
Slimey Rocks	3.286	7	Ahu Ahu Multiple Breaks	3.890	82	Mangahume Reef	3.421	57	Inside Fences	3.882	17	<b>None of the uses have an average of above 3.4</b>			
The Pipe	3.200	5	The Gap (at Fitzroy)	3.830	47				The Islands	3.833	6				
Jeffery's	3.176	17	Waiwhakaiho Reef	3.825	57	<b>Economic value average less than 3.4</b>			Patea River South Side	3.818	11				
Kawaroa	3.167	6	Punihos	3.824	85				Kaupokanui Beach	3.786	14				
Tasman	3.125	8	Weld Road Breaks	3.822	73	Graveyards	3.393	89	Kumera Patch	3.782	87				
Ohawe Beach	3.100	10	Waiwhakaiho River Mouth	3.792	53	Kumera Patch	3.389	95	Porikapa Road	3.778	9				
Middletons Bay	3.000	18	The Groyne	3.755	49	Arawhata Road Reef	3.340	53	Te Namu Reef	3.778	9				
The Wedge	3.000	9	Oakura Camp Ground	3.688	48	The Islands	3.333	6	East Beach	3.750	8				
Breakwater	2.917	12	Waitara Bar	3.632	19	Waiwhakaiho Reef	3.321	56	Bayly Road North	3.733	15				
Waiwhakaiho River Mouth	2.906	53	Arawhata Road Reef	3.623	53	Waiwhakaiho River Mouth	3.314	51	Patea River North Side	3.727	11				
The Groyne	2.898	49	Belt Road Left	3.465	43	Wind Wand	3.250	8	Back Beach Breaks	3.722	90				
Waiwhakaiho Reef	2.895	57	Boulders (Boulder Bay)	3.435	23	Rocky Rights	3.235	81	Sluggo's	3.714	7				
Urenui Bar	2.857	7	Back of Stent	3.413	80	Ahu Ahu Multiple Breaks	3.213	80	Bayly Road Breaks	3.696	23				
Belt Road Right	2.844	45	Greenmeadows	3.404	47	Arawhata Road Beach	3.179	28	Sky Williams	3.667	39				
Bell Block Reef	2.818	33	Arawhata Road Beach	3.400	30	Sky Williams	3.143	42	BJ's Left	3.615	13				
Back Beach Breaks	2.809	110			Boulders (Boulder Bay)	3.136	22	Rocky Rights	3.589	73					
Boat Ramps	2.800	25	<b>Level of use average less than 3.4</b>		Tasman	3.125	8	Rahotu Multiple Beach Breaks	3.583	12					
Waitara Bar	2.800	20			Weld Road Breaks	3.114	70	Oakura Beach	3.558	52					
Belt Road Left	2.767	43	Shipwrecks	3.381	21	Punihos	3.095	84	Tapuae Beach Breaks	3.538	13				
Kaupokanui Beach	2.750	16	East Beach	3.333	9	Belt Road Left	3.023	43	Punihos	3.527	74				
East Beach	2.700	10	Sky Williams	3.326	43	Bog Works	3.023	43	East End	3.514	37				
Bog Works	2.682	44	Slimey Rocks	3.286	7	The Groyne	3.021	48	Boat Ramps	3.500	24				
Butlers Reef	2.667	24	Middletons Bay	3.278	18	Oakura River Mouth	3.000	40	Puketapu	3.500	14				
Patea River Beach	2.667	12	Oakura River Mouth	3.275	40	Tai Road	3.000	21	Cemetery Point	3.500	8				
Ahu Ahu Multiple Breaks	2.646	82	Fin Whaka	3.208	24	Spot X	3.000	16	Tai Road	3.474	19				
Patea River South Side	2.583	12	Boilers	3.200	10	Boilers	3.000	10	Komene Road Beach	3.455	33				
Weld Road Breaks	2.581	74	Kina Road	3.188	32	Greenmeadows	2.911	45	Crushers	3.438	16				
Outsides (Cape Egmont Boat Club/Ramp Reef)	2.563	16	Spot X	3.176	17	Kina Road	2.900	30	Oakura River Mouth	3.429	35				
Rocky Lefts	2.538	80	Hole 9	3.143	7	Middletons Bay	2.889	18	Kina Road	3.429	28				
Stent Road	2.447	85	The Dump (Dumps)	3.115	26	Slimey Rocks	2.857	7	Wind Wand	3.429	7				
Patea River North Side	2.417	12	Patea River Beach	3.083	12	Fin Whaka	2.792	24	Ahu Ahu Multiple Breaks	3.426	68				
Boilers	2.400	10	Belt Road Right	3.067	45	The Wedge	2.778	9	The Gap (at Fitzroy)	3.415	41				
Pid's Point (Waipipi)	2.400	5	Jeffery's	3.059	17	Shipwrecks	2.773	22	House for Karen	3.400	5				
Waverley Beach	2.333	6	Bayly Road Breaks	3.040	25	Belt Road Right	2.733	45							
Spot X	2.294	17	Boat Ramps	3.000	25	The Dump (Dumps)	2.731	26	<b>Historic and cultural average less than 3.4</b>						
Far Toos (Kina Road North)	2.250	12	Bog Works	2.977	44	Bayly Road Breaks	2.720	25							
Te Namu Reef	2.222	9	Kina Point (Kina Road South)	2.960	25	Hole 9	2.714	7	Weld Road Breaks	3.383	60				
Graveyards	2.211	90	Patea River South Side	2.917	12	Urenui Bar	2.714	7	The Dump (Dumps)	3.375	24				
Kina Road	2.188	32	Butlers Reef	2.913	23	Back of Stent	2.701	77	Oaonui Beach	3.357	14				
The Islands	2.167	6	Secrets	2.882	17	Ohawe Beach	2.700	10	Lupins	3.355	31				
Rocky Rights	2.145	83	South Point	2.875	24	Butlers Reef	2.696	23	Komene Left	3.345	29				
Trap Doors	2.136	22	Bayly Road North	2.875	16	Jeffery's	2.688	16	Oakura Camp Ground	3.341	41				
Bayly Road North	2.125	16	Farmhouse Stent	2.870	23	Kaupokanui Beach	2.688	16	Manihi Road Reef	3.333	12				
Desperation Point	2.125	16	Trap Doors	2.864	22	Te Henui Right (Reform)	2.667	12	Farmhouse Stent	3.333	21				
Coast Road Bach	2.100	10	Bird's Nest	2.845	58	Farmhouse Stent	2.591	22	Fort St George	3.333	21				
Kina Point (Kina Road South)	2.080	25	Te Henui Right (Reform)	2.833	12	Patea River Beach	2.583	12	Trap Doors	3.333	21				
BJ's Left	2.077	13	Secret Sandy's	2.826	23	Patea River North Side	2.583	12	Epiha Road	3.333	12				
Arawhata Road Reef	2.077	52	Tai Road	2.810	21	Patea River South Side	2.583	12	Urenui Bar	3.333	6				
									Outsides (Cape Egmont Boat Club/Ramp Reef)						
Back of Stent	2.050	80	Ohawe Beach	2.800	10	Bayly Road North	2.563	16		3.313	16				
Bayly Road Breaks	2.040	25	The Point (Fences)	2.786	14	Kina Point (Kina Road South)	2.560	25	Middletons Bay	3.294	17				
The Dump (Dumps)	2.038	26	Greenmeadows Beach	2.759	29	BJ's Left	2.538	13	Arawhata Road Reef	3.289	45				
Arawhata Road Beach	2.033	30	Kaupokanui Beach	2.750	16	Oaonui Beach	2.500	14	Arawhata Road Point	3.283	53				
Hole 9	2.000	7	Patea River North Side	2.750	12	The Point (Fences)	2.500	14	Greenmeadows	3.282	39				
Sky Williams	1.977	43	Cemetery Point	2.750	8	Coast Road Bach	2.500	10	Back of Stent	3.264	72				
Farmhouse Stent	1.955	22	Inside Fences	2.737	19	South Point	2.458	24	Waiwhakaiho River Mouth	3.250	44				
Shipwrecks	1.955	22	Tank Farms	2.714	14	Bell Block Reef	2.455	33	Spot X	3.250	16				
Tai Road	1.952	21	Epiha Road	2.692	13	Desperation Point	2.438	16	Stepladders Left and Right	3.250	8				

Oaonui Beach	1.929	14	The Wedge	2.667	9	Rifle Range	2.429	7	Arawhata Road Beach	3.240	25				
Arawhata Road Point	1.922	64	Rewa Rewa	2.667	6	Secrets	2.412	17	Secrets	3.231	13				
Mangahume Reef	1.877	57	Crushers	2.647	17	Rahotu Multiple Beach Breaks	2.400	15	Waiwhakaiho Reef	3.229	48				
Rifle Range	1.857	7	Lupins	2.629	35	Pid's Point (Waipipi)	2.400	5	Bird's Nest	3.222	54				
Waiinu Reef	1.857	7	Desperation Point	2.625	16	Tapuae Beach Breaks	2.385	13	Boilers	3.200	10				
Bird's Nest	1.845	58	Wind Wand	2.625	8	Cemetery Point	2.375	8	Pid's Point (Waipipi)	3.200	5				
Fort St George	1.792	24	Rahotu Multiple Beach Breaks	2.600	15	Secret Sandy's	2.364	22	The Pipe	3.200	5				
The Point (Fences)	1.786	14	Sandy bay	2.571	14	Boat Ramps	2.360	25	South Point	3.190	21				
Secrets	1.765	17	Pohutakawas	2.556	27	Greenmeadows Beach	2.333	27	Sandy bay	3.182	11				
Manihi Road Reef	1.750	12	Sundays	2.500	34	Far Toos (Kina Road North)	2.333	12	Belt Road Left	3.179	39				
Fin Whaka	1.750	24	Fort St George	2.500	24	Waverley Beach	2.333	6	Sundays	3.161	31				
Tank Farms	1.733	15	Outsides (Cape Egmont Boat Club/Ramp Reef)	2.500	16	Trap Doors	2.318	22	Shipwrecks	3.143	21				
Puketapu	1.714	14	Komene Left	2.485	33	Bird's Nest	2.316	57	Coast Road Bach	3.111	9				
Sandy bay	1.714	14	Oaonui Beach	2.429	14	Outsides (Cape Egmont Boat Club/Ramp Reef)	2.313	16	Bell Block Reef	3.074	27				
Brazils	1.714	7	Rifle Range	2.429	7	Pohutakawas	2.296	27	Jeffery's	3.067	15				
South Point	1.708	24	Sluggo's	2.429	7	Sluggo's	2.286	7	Kina Point (Kina Road South)	3.043	23				
Sundays	1.706	34	Far Toos (Kina Road North)	2.417	12	Sundays	2.235	34	Secret Sandy's	3.000	16				
Secret Sandy's	1.696	23	Tapuae Beach Breaks	2.417	12	Tank Farms	2.200	15	Desperation Point	3.000	14				
Tapuae Beach Breaks	1.692	13	Stepladders Left and Right	2.400	10	Komene Left	2.156	32	Far Toos (Kina Road North)	3.000	11				
Lieth Road	1.667	12	Bell Block Reef	2.394	33	Sandy bay	2.143	14	Mussels	3.000	6				
Crow's Nest	1.667	9	BJ's Left	2.385	13	Porikapa Road	2.100	10	Waverley Beach	3.000	5				
Rongomai Road	1.643	14	Tasman	2.375	8	Stepladders Left and Right	2.100	10	Belt Road Right	2.951	41				
Komene Left	1.636	33	Coast Road Bach	2.333	9	Lupins	2.029	35	Tank Farms	2.923	13				
Lupins	1.629	35	Crow's Nest	2.333	9	Komene Road Beach	2.000	37	Greenmeadows Beach	2.920	25				
Cemetery Point	1.625	8	Kawaroa	2.333	6	Inside Fences	2.000	19	Tapuae Left	2.889	9				
Epiha Road	1.615	13	Waverley Beach	2.333	6	Crushers	2.000	17	The Wedge	2.889	9				
Porikapa Road	1.600	10	Rongomai Road	2.214	14	Puketapu	2.000	14	Pohutakawas	2.833	24				
Punihos	1.581	86	Komene Road Beach	2.211	38	Rongomai Road	2.000	14	Rifle Range	2.833	6				
Tapuae Left	1.556	9	Pid's Point (Waipipi)	2.200	5	Epiha Road	2.000	13	The Groyne	2.829	41				
Komene Road Beach	1.553	38	Puketapu	2.143	14	Lieth Road	2.000	12	Lieth Road (Boulder Bay)	2.818	22				
Greenmeadows	1.542	48	Urenui Bar	2.143	7	Tapuae Left	2.000	9	Butlers Reef	2.750	20				
Inside Fences	1.526	19	Tapuae Left	2.125	8	Te Namu Reef	2.000	9	Lieth Road	2.727	11				
Kumera Patch	1.526	97	Lieth Road	2.091	11	Kawaroa	2.000	6	Bog Works	2.725	40				
Slaughterhouse Left and Right	1.500	10	Manihi Road Reef	2.000	12	Rewa Rewa	2.000	6	Tasman	2.714	7				
Mussels	1.500	6	Porikapa Road	2.000	10	Slaughterhouse Left and Right	1.900	10	Shark Pit	2.667	12				
Rewa Rewa	1.500	6	Slaughterhouse Left and Right	2.000	10	Waiinu Reef	1.857	7	Slaughterhouse Left and Right	2.667	9				
Greenmeadows Beach	1.483	29	Mussels	2.000	6	Manihi Road Reef	1.833	12	Kawaroa	2.667	6				
Crushers	1.471	17	The Islands	2.000	6	Fort St George	1.833	24	Rewa Rewa	2.667	6				
Sluggo's	1.429	7	Breakwater	1.917	12	Breakwater	1.833	12	Slimey Rocks	2.667	6				
Pohutakawas	1.407	27	Waiinu Reef	1.857	7	Shark Pit	1.750	12	Waiongana Reef	2.667	6				
Motunui (Oataroa Road)	1.400	5	Waiongana Reef	1.857	7	Waiongana Reef	1.714	7	Turangi Reef	2.600	5				
Rahotu Multiple Beach Breaks	1.333	15	Brazils	1.714	7	Crow's Nest	1.667	9	Breakwater	2.500	12				
Waiongana Reef	1.286	7	Shark Pit	1.667	12	Mussels	1.667	6	Te Henui Right (Reform)	2.500	10				
Shark Pit	1.250	12	Turangi Reef	1.600	5	Turangi Reef	1.600	5	Hole 9	2.500	6				
Stepladders Left and Right	1.200	10	Te Namu Reef	1.556	9	Brazils	1.500	6	Crow's Nest	2.250	8				
Turangi Reef	1.000	5				Motunui (Oataroa Road)	1.400	5	Brazils	2.000	5				
			Less than 5 responses												
Less than 5 responses						Less than 5 responses			Less than 5 responses						
			Dread Rock	2.500	4										
Dread Rock	1.500	4	House for Karen	2.500	4	Dread Rock	2.500	4	Hammer Heads	4.250	4				
House for Karen	2.250	4	Motunui (Oataroa Road)	2.000	4	House for Karen	2.750	4	Motunui (Oataroa Road)	3.250	4				
Oats	1.500	4	Oats	2.250	4	Oats	1.250	4	Onaero Beach	3.250	4				
Onaero Beach	2.500	4	Onaero Beach	2.250	4	Onaero Beach	2.500	4	Onaero Surf camp	4.250	4				
Onaero Surf camp	2.750	4	Onaero Surf camp	3.250	4	Onaero Surf camp	3.250	4	Putts Beach	3.500	4				
Putts Beach	2.000	4	Tongaporutu	2.500	4	Putts Beach	3.000	4	Tongaporutu	3.500	4				
Tongaporutu	1.250	4	Waitoetoe	1.500	4	Tongaporutu	3.250	4	Waterfalls	4.000	4				
Waitoetoe	1.500	4	Waterfalls	2.500	4	Waitoetoe	1.750	4	Antunovic's	2.667	3				
Waterfalls	2.250	4	Antunovic's	2.333	3	Waterfalls	2.750	4	Cabins	4.333	3				
Antunovic's	2.000	3	Cabins	3.333	3	Cabins	3.000	3	Cortez Bank	3.000	3				
Cabins	1.667	3	Cortez Bank	2.000	3	Cortez Bank	2.333	3	Dread Rock	4.000	3				
Cortez Bank	2.000	3	Denby Road	2.333	3	Denby Road	1.667	3	Oats	4.333	3				
Denby Road	2.000	3	Hammer Heads	2.667	3	Hammer Heads	3.000	3	Railways 2	1.667	3				
Hammer Heads	2.000	3	Putts Beach	2.667	3	Railways 2	1.667	3	Three Amigos	3.000	3				
Railways 2	2.333	3	Railways 2	2.000	3	Three Amigos	1.667	3	Waitoetoe	3.000	3				
Three Amigos	1.000	3	Three Amigos	2.333	3	Antunovic's	2.500	2	DDT's	3.000	2				
DDT's	3.000	2	DDT's	3.000	2	DDT's	3.000	2	Denby Road	2.000	2				
Lawrie's Memorial	3.000	2	Lawrie's Memorial	2.500	2	Lawrie's Memorial	3.000	2	Lawrie's Memorial	4.000	2				
Stones	1.500	2	Stones	3.000	2	Stones	2.000	2	Stones	4.000	2				
Tapus	2.000	2	Tapus	1.500	2	Tapus	1.500	2	Tapus	1.500	2				
Twin Peaks	1.000	2	Twin Peaks	2.000	2	Twin Peaks	2.500	2	Twin Peaks	5.000	2				
Black Rocks	1.000	1	Black Rocks	1.000	1	Black Rocks	1.000	1	Black Rocks	1.000	1				
Long Reef	3.000	1	Long Reef	4.000	1	Long Reef	5.000	1	Long Reef	5.000	1				

O T Dub	2.000	1	O T Dub	4.000	1	O T Dub	1.000	1	O T Dub	5.000	1				
Cliffs	#DIV/0!	0													
Montgomery Beach	#DIV/0!	0													
Outside Corner	#DIV/0!	0													