# Waikato District s32 Indigenous Biodiversity Topic

Assessment Framework

16 June 2018 – Final





# Waikato District s32 Indigenous Biodiversity Topic

Assessment Framework

## Prepared for

Waikato District Council

Document reference: Appendix 4 Market Economics Report FINAL.docs

Date of this version: 16 June 2018

Report authors: Rebecca Foy

Director approval: Douglas Fairgray

www.me.co.nz

Disclaimer: Although every effort has been made to ensure accuracy and reliability of the information contained in this report, neither Market Economics Limited nor any of its employees shall be held liable for the information, opinions and forecasts expressed in this report.

# **Contents**

1	INTRODUCTION	1
1.1	Approach Overview	
1.2	Scope and Structure	2
1.3	KEY REFERENCE TABLES APPENDED	2
2	OBJECTIVES, POLICIES AND RULES	3
2.1	PLACES DIRECTLY AFFECTED — GEOGRAPHY OF PROVISIONS	3
2.2	OBJECTIVES AND POLICIES	4
2.3	RULES	10
3	EVALUATION OF EFFECTS, COSTS, BENEFITS	20
3.1	DIRECT PROCESSES (EFFECTS)	20
3.2	Consequent Processes (Effects)	24
3.3	NATURE OF EFFECT ON PLACES, PEOPLE AND COMMUNITIES, SECTORS (COSTS AND BENEFITS)	25
APPEND	IX 1 – SNA TABLES	29

## 1 Introduction

This Assessment Framework report supports Waikato District's s32 evaluation of short listed options to achieve the objectives of the **Biodiversity Topic.** It should be considered in conjunction with the Waikato District Social and Economic Profile Report, any consultant reports commissioned for the Topic, and any other Council documents, data, or monitoring results that may be relevant to the resource management issues being addressed by the proposed District Plan.

#### 1.1 Approach Overview

Figure 1.1 sets out M.E's recommended path for Waikato District Council's analysis and evaluation of provisions (referred to as the 'Assessment Framework'). The contents of this report are designed to integrate with (i.e. inform directly or indirectly) Council's s32 templates and reporting structures for each topic. It is recommended that this report be included as an appendix to the Part 3 s32 Topic report.

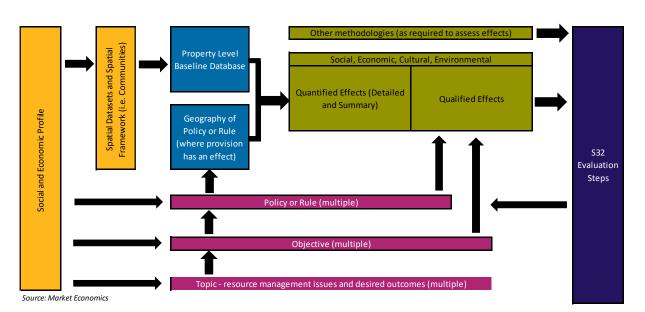


Figure 1.1 – Assessment Framework Overview

Key components of this Assessment Framework report draw directly from the Waikato District **Baseline Database** in the form of a set of pre-defined raw data tables (Figure 1.1). These outputs are specific to each provision (or bundle of provisions). This is achieved by applying the defined geography of each provision (GIS Map showing areas where a policy/rule has an effect "on the ground"). That is, which properties, zones or locations the provisions apply to. These raw tables have been analysed and summarised for the purpose of this report and are discussed further below.

#### 1.2 Scope and Structure

This report examines Council's **preferred option** for provisions that give effect to the objectives that address **indigenous biodiversity** (and the resource management issues associated with that). The objectives have already been evaluated by Waikato District Council and are considered appropriate to achieve the purpose of the Act.

The purpose of this report is to identify the effects, costs and benefits of the preferred provisions. For clarity, the effects identified are <u>not</u> drafted relative to any other short-listed option, including the status quo - they are not 'net' effects, costs and benefits.

Section 2 of this report contains copies/extracts (up to date as at the time of writing) of the <u>objectives</u>, <u>policies and rules</u> identified as relevant to this report by Council, and/or by M.E. While all objectives and policies are included, M.E has focussed on identifying the main (obvious and key) rules that relate to the polices. It is possible that not all relevant rules have been included. The exclusion of any (more minor) rules is unlikely to have a material impact on the assessment of effects, costs and benefits contained in this report. However, subsequent changes to the wording or intent of policies and rules for this topic (after the publication date) *could* have a material impact on the assessment of effects, costs and benefits. M.E's assessment is therefore limited to the information provided by Council at the time and contained within this report.

Section 2 identifies the bundling of objectives, policies and rules for this assessment (if applicable to this topic). Bundling is used to group provisions that have the same 'geography'. Appendices to this report contain a set of data analysis tables — each bundle of provisions forms a separate appendix (set of tables). Maps are included in Section 2 to show the geography of each bundle of provisions. The data in the appendices relates to the areas covered in each map.

Section 3 contains M.E's assessment of direct effects, consequent effects, costs and benefits - organised in tabular form. To avoid potential for duplication/overlap, a single assessment is provided that covers all bundles of provisions (if applicable) — that is, the assessment covers the total topic. Where applicable, data/figures from the appended sets of tables are referenced to help quantify effects. All the data contained in this report is based on a 2016 base year and/or relates to a property database (and valuations) as at July 2017. Refer to caveats or footnotes included below the tables — it is important that these are considered and understood when using the results contained in this report.

#### 1.3 Key Reference Tables Appended

There is considerable detail provided in the appended data tables. The same set of tables is provided for each bundle of provisions (if applicable). Some tables are more relevant to this topic than others. The following tables/data variables are considered most pertinent to the evaluation of these provisions:

- LINZ Land Use Detailed Summary
- High Class Soils by Community Summary
- Natural Areas by Community Summary

# 2 Objectives, Policies and Rules

### 2.1 Places Directly Affected – Geography of Provisions

The provisions in this topic apply to a range of geographic areas. Most of the provisions relate to defined Significant Natural Areas (SNAs), but other provisions relate to 'areas outside of SNAs', and other landscape and natural features which may or may not include an SNA. M.E has taken a topic approach and as such, all policies and rules seeking to manage effects on indigenous biodiversity have been bundled together for the purpose of this assessment.

The following map is a representation of the **SNA** geography of this option (as used to run the Baseline Database for this report) – that is, where it has effect on the ground. Based on the approach taken, this option has a direct effect on 'many large areas (extensive but not total district)'. Note, this map should not be relied upon for understanding this policy for specific properties within the District. The Baseline Database has not been run for other (non-SNA) geographies. Any quantification of costs and benefits in this report is therefore limited to SNAs.

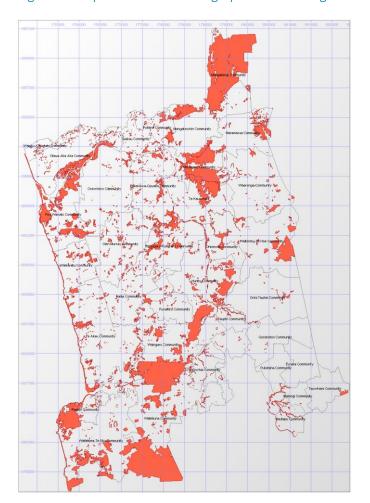


Figure 2.1: Option Preferred Geographic Extent – Significant Natural Areas

#### 2.2 Objectives and Policies

3.1.1 Objective – Biodiversity and ecosystems - (a) Indigenous biodiversity values and the life-supporting capacity of indigenous ecosystems are maintained or enhanced.

#### 3.1.2 Policies

- (a) Enable activities that maintain or enhance indigenous biodiversity including:
  - (i) planting using indigenous species suitable to the habitat;
  - (ii) the removal or management of pest plant and animal species;
  - (iii) for biosecurity works.
- (b) Consider the following when avoiding, remedying or mitigating adverse effects on indigenous biodiversity:
  - (i) the required range of natural food sources;
  - (ii) habitats of threatened and at risk species;
  - (iii) ecological processes and corridors;
  - (iv) ecological sequences;
  - (v) migratory pathways;
  - (vi) pest plants and pest animals;
  - (vii) the Waikato river and its catchment;
  - (viii) natural character and landscape values of the area;
  - (ix) natural waterway habitats and hydrology;
  - (x) ecological corridors, natural processes and buffer areas;
  - (xi) legal and physical protection of existing habitat;
- (c) Provide for the removal of manuka or kanuka on a sustainable basis.

# 3.2.1 Objective – Significant Natural Areas - Indigenous biodiversity in Significant Natural Areas is protected and enhanced.

#### 3.2.2 Policy - Identify and Recognise

- (a) Identify significant indigenous vegetation and habitats of indigenous fauna in accordance with the Waikato Regional Policy Statement and identify as Significant Natural Areas
- (b) Recognise and protect Significant Natural Areas by ensuring the characteristics that contribute to their significance are not adversely affected.

#### 3.2.3 Policy - Management hierarchy

- (a) Recognise and protect indigenous biodiversity within Significant Natural Areas by:
  - (i) avoiding the significant adverse effects of vegetation clearance and the disturbance of habitats unless specific activities need to be enabled;
  - (ii) remedying any effects that cannot be avoided; then
  - (iii) mitigating any effects that cannot be remedied; and
  - (iv) after remediation or mitigation has been undertaken, offset any significant residual adverse effects in accordance with Policy 3.2.4.

#### 3.2.4 Policy – Biodiversity Offsetting

- (a) Allow for a biodiversity offset to be offered by a resource consent applicant where an activity will result in significant residual adverse effects on a Significant Natural Area, or on indigenous biodiversity outside such Significant Natural Areas.
- (b) Within a Significant Natural Area, a biodiversity offset will only be considered appropriate where adverse effects have been avoided, remedied or mitigated in accordance with the hierarchy established in Policy 3.2.4; and
  - (i) the biodiversity offset is consistent with the framework detailed in Appendix 6 Biodiversity Offsetting; and
  - (ii) the biodiversity offset can achieve no net loss of indigenous biodiversity:
    - A. preferably in the affected area of Significant Natural Area; or
    - B. where that is not practicable, in the ecological district in which the affected area of Significant Natural Area is located.

#### 3.2.5 Policy - Biodiversity in the coastal environment

- (a) Avoid the adverse effects of subdivision use and development within Significant Natural Areas of the coastal environment on:
  - (i) indigenous species that are listed as threatened or at risk in the New Zealand Threat Classification System lists
  - (ii) habitats of indigenous species where the species are listed as threatened or at risk, are at the limit of their natural range, or are naturally rare
  - (iii) areas containing nationally-significant examples of indigenous community types
  - (iv) indigenous ecosystems and vegetation types that are threatened in the coastal environment, or are naturally rare, and
  - (v) areas set aside for full or partial protection of indigenous biological diversity under legislation.

#### 3.2.6 Policy - Providing for vegetation clearance

- (a) Provide for the clearance of indigenous vegetation in Significant Natural Areas when:
  - (i) maintaining tracks, fences and farm drains
  - (ii) avoiding loss of life injury or damage to property
  - (iii) collecting material to maintain traditional Maaori cultural practices
  - (iv) collecting firewood for domestic use
- (b) Provide for the clearance of indigenous vegetation in Significant Natural Areas for the construction of building platforms, services, access, vehicle parking and on-site manoeuvring and the development of Maaori Freehold Land by:
  - (i) using any existing cleared areas on a site that are suitable to accommodate new development in the first instance
  - (ii) using any practicable alternative locations that would reduce the need for vegetation removal
  - (iii) retaining indigenous vegetation which contributes to the ecological significance of a site, taking into account any loss that may be unavoidable to create a building platform, services, access, vehicle parking and manoeuvring on a site.
  - (iv) Firewood

#### 3.2.7 Policy - Managing Significant Natural Areas

(a) Promote the management of Significant Natural Areas in a way that protects their long-term ecological functioning and indigenous biodiversity values, through such means as:

- (i) permanently excluding stock through voluntary covenants and conservation subdivisions
- (ii) undertaking plant and animal pest control
- (iii) retaining and enhancing indigenous vegetation cover
- (iv) maintaining and restoring natural wetland hydrology
- (v) avoiding physical and legal fragmentation
- (vi) legal protection of Significant Natural Areas through conservation covenants or similar mechanisms
- (vii) providing for the role of Mana Whenua as kaitiaki and for the practical exercise of kaitiakitanga in restoring, protecting and enhancing areas.

#### 3.2.8 Policy - Incentivise subdivision

(a) Incentivise subdivision in the Rural Zone when there is the legal and physical protection of Significant Natural Areas, provided the areas are of a suitable size and quality to achieve a functioning ecosystem.

# 3.3.1 Objective - a) Outstanding natural features and landscapes and their attributes are recognised and protected from inappropriate subdivision, use and development.

#### 3.3.2 Policy – Recognising values and qualities

- (a) Recognise the attributes of the district's mountains, bush clad ranges and hill country identified as outstanding natural features and outstanding natural landscapes including:
  - (i) ridgelines and valleys
  - (ii) significant ecological values
  - (iii) indigenous bush and the extent of this bush cover
  - (iv) cultural heritage values associated with these areas
  - (v) recreational attributes including walking and access tracks
  - (vi) existing water reservoirs and dams
  - (vii) existing pastoral farming activities on the margins of these areas
- (b) Recognise the attributes of the Waikato River delta and wetlands, Whangamarino Wetland and Lake Whangape identified as Outstanding Natural Features, including:
  - (i) natural geomorphology and hydrological processes;
  - (ii) significant habitat values;
  - (iii) significant indigenous vegetation;
  - (iv) cultural heritage values associated with these areas;
  - (v) recreational use of these areas; and
  - (vi) existing pastoral farming activities on the margins these areas.
- (c) Recognise the attributes of the west coast dunes identified as outstanding natural features, including:
  - (i) natural geomorphology, patterns and processes;
  - (ii) significant habitat values;
  - (iii) significant indigenous vegetation;
  - (iv) cultural heritage values associated with these areas; and
  - (v) existing pastoral farming activities on the margins these areas.

#### 3.3.3 Policy - Protection from inappropriate subdivision, use and development

(a) Ensure that the attributes of identified outstanding natural features and outstanding natural landscapes are protected from inappropriate subdivision, use and development by:

- (i) requiring buildings and structures to be integrated into the outstanding natural landscape or feature to minimise any visual impacts;
- (ii) managing the adverse effects of building platforms, buildings, driveways and roads through appropriate subdivision design;
- (iii) requiring subdivision and development to retain views of outstanding natural landscapes and features from public places; and
- (iv) avoiding the adverse effects of extractive industries and earthworks.

#### 3.3.4 Policy - The relationships of Maaori with natural resources and land

- (a) Provide for the consideration of cultural and spiritual relationships of Maaori with Outstanding Natural Features and Outstanding Natural Landscapes as part of subdivision, use and development.
- (b) Provide for the development of Maaori Freehold Land, within Outstanding Natural Features and Landscapes, including within the Whaanga Coast Specific Area.
- (c) Provide for Maaori cultural and customary uses of natural resources, including land, water and other natural resources as an integral part of identified Outstanding Natural Features and Outstanding Natural Landscapes.

3.4.1 Objective – Significant amenity landscapes - (a) The attributes of areas and features valued for their contribution to landscape values and visual amenity are maintained or enhanced.

#### 3.4.2 Policy – Recognising Significant Amenity Landscapes

(a) Recognise the attributes which contribute to identified Significant Amenity Landscapes

#### 3.4.3 Policy – Maintaining and enhancing Significant Amenity Landscapes

- (a) Maintain and enhance identified Significant Amenity Landscapes, during subdivision, land use and development, in particular by:
  - (i) requiring buildings and structures to be integrated into the Significant Amenity Landscape to minimise any visual impacts;
  - (ii) managing the adverse effects of building platforms, buildings, driveways and roads through appropriate subdivision design;
  - (iii) providing for the continuation of farming activities within hill country landscapes and volcanic features;
  - (iv) managing the adverse effects of earthworks; and
  - (v) promoting and encouraging maintenance and enhancement of their attributes.

#### 3.4.4 Policy - The relationships of Maaori with their resources and land

- (a) Provide for the cultural and spiritual relationships of Maaori with Significant Amenity Landscapes during subdivision, use and development.
- (b) Provide for the development of Maaori Freehold Land within Significant Amenity Landscapes.
- (c) Provide for Maaori cultural and customary uses of natural resources, including land, water and other natural resources as an integral part of identified Significant Amenity Landscapes

3.5.1 Objectives – Natural Character - a) The high and outstanding natural character of the coastal environment is protected from inappropriate subdivision use and development. b) Natural character of wetlands, and lakes and rivers and their margins are protected from inappropriate subdivision use and development.

#### 3.5.2 Policies – Recognising natural character

- (a) Recognise the following natural elements, patterns, processes and experiential qualities which contribute to natural character:
  - (i) areas or waterbodies in their natural states or close to their natural state;
  - (ii) coastal or freshwater landforms and landscapes;
  - (iii) coastal or freshwater physical processes, including the movement of water and sediment;
  - (iv) biodiversity;
  - (v) biological processes and patterns;
  - (vi) water flows and levels, and water quality; and
  - (vii) the experience of the above elements, patterns and processes.
- (b) Recognise the natural character qualities of the following areas within the coastal environment and identified on the planning maps as:
  - (i) outstanding natural character areas; and
  - (ii) high (and very high) natural character areas.

#### 3.5.3 Policy - Protecting the natural character qualities of the coastal environment

- (a) Protect the qualities of outstanding and high natural character areas in the coastal environment from inappropriate subdivision, use and development by:
  - (i) managing the adverse effects of subdivision, use and development;
  - (ii) avoiding significant adverse effects of subdivision, use and development;
  - (iii) avoiding subdivision, use and development within areas of outstanding natural character, where it would damage, diminish or compromise natural character;
  - (iv) avoiding activities that damage the stability of identified coastal dune systems;
  - (v) requiring appropriate building setbacks from riparian and coastal margins;
  - (vi) ensuring that activities are carried out in a way that maintains or enhances water quality in the coastal environment;
  - (vii) enabling and concentrating development within existing settlements to avoid development sprawling along the coastline;
  - (viii) recognising historic farming operations that continue today;
  - (ix) avoiding the establishment of new plantation forestry.

#### 3.5.4 Policy - Protecting the natural character of wetlands, and lakes and rivers and their margins

- (a) Protect the natural character qualities of wetlands, and lakes and rivers and their margins from inappropriate subdivision, use and development by:
  - (i) ensuring that location, intensity, scale and form of subdivision, use and development are appropriate;
  - (ii) minimising, to the extent practicable, indigenous vegetation clearance and modification (including earthworks, disturbance and structures);
  - (iii) encouraging any new activities to consolidate within, and around, existing developments or, where the natural character and landscape values have already been compromised, to avoid development sprawling; and
  - (iv) requiring appropriate setbacks of activities from wetlands, lakes and rivers.

#### 5.2.1 Objective - Rural Resources – (a) Maintain or enhance the:

- (i) inherent life-supporting capacity and versatility of soils, in particular high class soils;
- (ii) The health and wellbeing of rural land and natural ecosystems;
- (iii) The quality of surface fresh water and ground water, including their catchments and connections;
- (iv) Life supporting and intrinsic natural characteristics of water bodies and coastal waters and the catchments between them.

#### 5.2.3 Policy - Effects of Subdivision and Development on Soils

- (a) Subdivision, use and development minimises the fragmentation of productive rural land, particularly where high class soils are located.
- (b) Subdivision which provides a range of lifestyle options on less productive rural land and/ or where indigenous biodiversity is being protected.

# 8.2.1 Objective — Natural values - a) The natural values of public open space, natural reserves and parks is maintained and enhanced.

#### 8.2.2 Policy - Natural values

- a) Enhance the natural environment during the use and development of reserves, by:
  - i. protecting outstanding natural landscapes, outstanding natural features and natural character areas;
  - ii. protecting and enhancing significant natural areas; and
  - iii. restoring and linking habitats for indigenous species, particularly in lake catchments, riparian margins, lowland ecosystems, wetland areas and coastal dunes and ecosystems.
- 9.3.3 Objective Natural Features (1) Natural features of the Rangitahi Peninsula including landscape, ecology, habitat and the coastal environment are maintained and enhanced.

#### 9.3.3.5 Policy – Environmental Improvement

(a) Gully systems and stream margins should be planted and managed to maintain and enhance natural ecosystems, contribute to land stability and restore habitat for indigenous flora and fauna.

(b) Planting and management of gully systems and stream margins will result in net environmental gain.

#### 9.3.3.7 Policy – Ecological and Habitat Values

- (a) The <u>significant ecological and habitat values</u> of the Rangitahi Peninsula are maintained and enhanced.
- (b) The <u>loss of significant indigenous vegetation and significant habitat of indigenous fauna</u> should be avoided.

6.1.8 Objective – Infrastructure in the Community and Identified Areas - Infrastructure takes into account the qualities and characteristics of surrounding environments and community well-being.

#### 6.1.10 Policy – Infrastructure in Identified Areas

Ensure consideration of the values, qualities and characteristics of <u>Significant Natural Areas</u>, Landscape and Natural Character Areas and Heritage Items when proposing new infrastructure or undertaking significant upgrades to existing infrastructure.

#### 2.3 Rules

#### Infrastructure and Energy

14.3.3	RD4	Pipe and cable bridge structures for the conveyance of electricity, telecommunications, water, wastewater, stormwater and gas:  (a) That do not comply with one or more of the conditions of Rule 14.3.1.5; or  (b) Are located within Identified areas	Discretion is restricted to:  (a) The functional and operational needs of, and benefits derived from, the infrastructure; (b) Visual, streetscape and amenity effects, (c) Public safety; (a) Effects on the values, qualities and characteristics of any Identified Area.
14.3.3	RD5	Electric vehicle charging stations located:  (a) That do not comply with one or more of the conditions of Rule 14.3.1.6; or  Are located within Identified areas.	Discretion is restricted to:  (a) The functional and operational needs of, and benefits derived from, the infrastructure; (b) Visual, streetscape and amenity effects; (c) Road network safety and efficiency; (d) Public safety;  Effects on the values, qualities and characteristics of any Identified Area.
14.4.2	RDI	Below ground transmission lines associated with the National Grid not located within identified areas	Discretion is restricted to:  (a) The functional and operational needs of, and benefits derived from, the infrastructure;  (b) Visual, streetscape and amenity effects;  (c) The risk of electrical hazards affecting public or individual safety, and risk of property damage.
14.4.2	RD2	Transformers, substations and	Discretion is restricted to: (a) The functional and operational needs of, and

		switching stations associated with the National Grid not located within Identified Areas	benefits derived from, the infrastructure; (b) Visual, streetscape and amenity effects; (c) The risk of electrical hazards affecting public or individual safety, and risk of property damage.
14.4.3	DI	New below ground transmission lines associated with the National Grid within identified areas	
14.4.3	D2	New above-ground transmission lines associated with the National Grid not located within identified areas	
14.4.4	NCI	Above-ground transmission lines associated with the National Grid located within identified areas	
14.4.4	NC2	Transformers, substations and switching stations associated with the National Grid located within identified areasidentified areas	
14.8.3	DI	Meteorological enclosures and buildings, including automatic weather stations located within Identified areas	
14.8.3	D2	Meteorological and air quality monitoring structures and devices located within Identified areas	
14.9.3	D2	Antennas, aerials and support structures associated with amateur radio configurations located within Identified areas	

#### Permitted Activity – Rural Zone

#### 22.2.3.3 Earthworks - Significant Natural Areas

P1	(a) Earthworks for the maintenance of existing tracks, fences or drains within an identified Significant Natural Area must meet all of the following conditions:
	<ul> <li>(i) The earthworks must not exceed a volume of 50m³ in a single consecutive 12 month period; and</li> <li>(ii) The earthworks must not exceed an area of 250m² in a single consecutive 12 month period;</li> </ul>
	(iii) The total depth of any excavation or filling does not exceed 1.5m above or below ground level with a maximum slope of 1:2 (1 vertical to 2 horizontal);
	(iv) Earthworks are setback 1.5m from all boundaries;
	(v) Areas exposed by earthworks are re-vegetated to achieve 80% ground cover within 6 months of the commencement of the earthworks;
	<ul><li>(vi) Sediment resulting from the earthworks is retained on the site through implementation and maintenance of erosion and sediment controls;</li></ul>
	(vii) Do not divert or change the nature of natural water flows, water bodies or established drainage paths.
P2	Filling using imported fill must not exceed a volume of 20m³ and a depth of 1.5m.

RD1	(a) Earthworks that do not comply with Rule 22.2.3.3 PI or P2.
	(b) Council's discretion is restricted to the following matters:
	<ul><li>(i) The location of earthworks, taking into account waterways, significant indigenous vegetation or habitat;</li><li>(ii) The effects on the Significant Natural Area.</li></ul>

Rural Zone 22.2.7 - Indigenous vegetation clearance inside a Significant Natural Area

P1	<ul> <li>(a) Indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) for the following purposes:         <ul> <li>(i) Removing vegetation that endangers human life or existing buildings or structures;</li> <li>(ii) Conservation fencing to exclude stock or pests;</li> <li>(iii) Maintaining existing farm drains;</li> <li>(iv) Maintaining existing tracks and fences; or</li> <li>(v) Gathering plants in accordance with Maaori customs and values.</li> </ul> </li> </ul>
P2	Removal of up to 5m3 of manuka and/or kanuka outside of the Coastal Environment per single
	consecutive 12 month period per property for domestic firewood purposes and arts or crafts provided the removal will not directly result in the death, destruction or irreparable damage of any other tree, bush or plant.
P3	(a) Indigenous vegetation clearance for building, access, parking and manoeuvring areas in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) must comply with all of the following conditions:
	(i) There is no alternative development area on the site outside the Significant Natural Area;
	and (ii) The total indigenous vegetation clearance does not exceed 250m².
P4	<ul> <li>(a) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) where:         <ul> <li>(i) There is no alternative development area on the site outside the Significant Natural Area;</li> </ul> </li> </ul>
	(ii) The following total areas are not exceeded:
	A. 1500m² for a Marae complex, including areas associated with access, parking and manoeuvring;
	B. 500m <sup>2</sup> per dwelling, including areas associated with access, parking and manoeuvring; and
	C. 500m <sup>2</sup> for a papakaainga building including areas associated with access, parking and manoeuvring.
P5	(a) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) for the following purposes:
	(i) Removing vegetation that endangers human life or existing buildings or structures;
	(ii) Conservation fencing to exclude stock or pests;
	(iii) Maintaining existing farm drains;
	(iv) Maintaining existing tracks and fences; or
	(v) Gathering plants in accordance with Maaori customs and values.
P6	Removal of up to 5m3 of manuka and/or kanuka outside of the Coastal Environment per single
	consecutive 12 month period per property for domestic firewood purposes and arts or crafts provided
	the removal will not directly result in the death, destruction or irreparable damage of any other tree,

	bush or plant
D1	Indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 5 (Urban Allotment Significant Natural Areas) that does not comply with one or more conditions in Rule 22.2.7 P1, P2, P3, P4, P5 or P6.

#### Permitted Activity – Rural Zone

#### 22.2.3.3 Earthworks - General

P2	<ul><li>(a) Earthworks within a site must meet all of the following conditions:</li><li>(vi) Do not divert or change the nature of natural water flows, water bodies or established drainage paths.</li></ul>
P4	Earthworks for purposes other than creating a building platform for residential purposes within a site, using imported fill material must meet all of the following conditions:  (g) Does not divert or change the nature of natural water flows, water bodies or established drainage paths.

#### Permitted Activity – Country Living Zone

#### 23.2.8 Indigenous vegetation clearance inside a Significant Natural Area

PI	<ul> <li>(b) Indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) for the following purposes:</li> <li>(vi) Removing vegetation that endangers human life or any existing building or structure;</li> <li>(vii) Conservation fencing to exclude stock or pests;</li> <li>(viii) Maintaining existing farm drains;</li> <li>(ix) Maintaining existing tracks and fences;</li> <li>(x) Gathering plants in accordance with Maaori customs and values.</li> </ul>
P2	Removal of up to 5m³ of manuka and/or kanuka outside of the Coastal Environment per year per property for domestic firewood purposes and arts or crafts provided the removal will not directly result in the death, destruction or irreparable damage of any other tree, bush or plant.
P3	<ul> <li>(b) Indigenous vegetation clearance for building, access, parking and manoeuvring areas in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) must comply with the following conditions:</li> <li>(iii) there is no alternative development area on the site outside the Significant Natural Area; and (iv) the total indigenous vegetation clearance does not exceed 250m².</li> </ul>
P4	<ul> <li>(b) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) where:         <ul> <li>(iii) There is no practical development area on the site outside the Significant Natural Area;</li> <li>(iv) The following total areas are not exceeded:</li></ul></li></ul>
P5	(b) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment

		Significant Natural Areas) for the following purposes:  (vi) Removing vegetation that endangers human life or existing buildings or structures; or  (vii) Conservation fencing to exclude stock or pests; or  (viii) Maintaining existing farm drains; or  (ix) Maintaining existing tracks and fences; or  (x) Gathering plants in accordance with Maaori customs and values.
F	P6	Removal of up to 5m³ of manuka and/or kanuka outside of the Coastal Environment per year per property for domestic firewood purposes and arts or crafts provided the removal will not directly result in the death, destruction or irreparable damage of any other tree, bush or plant
1	ΟI	Indigenous vegetation clearance in a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) that does not comply with Rule 23.2.8 PI, P2, P3, P4, P5 or P6.

#### Controlled Activity – Residential Zone

16.4.16 Subdivision of land containing an Environmental Protection Area

СІ	(a) Subdivision of land containing an Environmental Protection Area must comply with all of the following conditions:
	(i) Include a planting and management plan for the area, prepared by a suitably-qualified person, containing exclusively native species suitable to the area and conditions;
	(ii) Planting must be undertaken prior to the issue of the s224(c) certificate.
	(b) Council's control is reserved over the following matters:  (i) Measures proposed in the planting and management plan; and
	(ii) Vesting of reserve land in Council if appropriate.
RDI	Subdivision that does not comply with a condition of Rule 16.4.16 C1.
	(a) Council's discretion shall be restricted to the following matters:
	(i) Matters that control is reserved over in Rule 16.4.16 C1(b);
	(ii) Effects on amenity values; and
	(iii) Effects on ecological values.

#### Restricted Discretionary Activity – Village Zone

#### 23.4.1 Subdivision – General

RDI	(a) Proposed lots must have a minimum net site area of 3000m <sup>2</sup> , except where the proposed lot is an access allotment, utility allotment or reserve to vest.
	(b) Council's discretion is restricted to the following matters:
	(a) Shape, location and orientation of proposed lots;
	(b) Matters referred to in the infrastructure chapter;
	(c) Consistency with the matters, and outcomes sought, in Appendix 3.1 (Residential Subdivision Guidelines);
	(d) Impacts on stormwater and wastewater disposal;
	(e) Impacts on Significant Natural Areas;
	(f) Impacts on identified Maaori Sites of Significance; and
	(g) Roads and pedestrian networks.

#### Restricted Discretionary Activity – Residential Zone, Rural Zone, Reserves Zone

Earthworks – General

Restricted Discretionary Activity	16.2.4.1, 22.2.3.1, 25.2.3.1  Discretion is restricted to:
	(v) Location of the earthworks to waterways, significant indigenous vegetation and habitat;

#### 22.4.6 Subdivision of land containing all or part of an Environmental Protection Area

RD1	<ul> <li>(a) Subdivision of land containing all or part of an Environmental Protection Area identified on the planning maps must include the following:         <ul> <li>(i) A planting and management plan is submitted to Council for the Environmental Protection Area prepared by a suitably qualified person, containing exclusively indigenous species suitable to the area and conditions.</li> </ul> </li> </ul>
	(b) Council's discretion is restricted to the following matters:  (i) measures proposed in the planting and management plan;  (ii) vesting of reserve land in Council if appropriate;  (iii) effects on amenity values;  (iv) effects on ecological values;  (iii) effects on stormwater management.

#### Restricted Discretionary Activity – All Land Use Zones

Earthworks inside a Significant Natural Area

22.2.3.3
(1) Earthworks that do not comply with a condition for Rule 22.2.3.3 P1 or P2.
(2) Discretion is restricted to:
(a) the location of earthworks in relation to waterways, significant indigenous vegetation or habitat; and
(b) the effects on the Significant Natural Area.

#### Restricted Discretionary Activity – Residential Zone and Rural Zone

Subdivision of land containing an Environmental Protection Area

Restricted Discretionary activity	16.4.16 (1) Subdivision that does not comply with a condition of Rule 16.4.16.
	(2) Discretion is restricted to:         (a) Matters that control is reserved over;         (b) Effects on amenity values; and         (c) Effects on ecological values.

Restricted Discretionary Activity – Residential Zone, Rural Zone, Country Living Zone, Village Zone, Rangitahi Peninsula Zone

22.4.2 Title boundaries – Significant Natural Areas, Maaori sites and Areas of significance to Maaori

RDI	(a) Subdivision of land containing any natural hazard area, contaminated land, Significant Amenity Landscape, notable trees, intensive farming activities or Aggregate Extraction Areas must comply with all of the following conditions:		
	(i) The boundaries of every proposed lot containing existing buildings must demonstrate that existing buildings comply with the Land Use-Building rules in Rule 22.3 relating to:		
	A. Rule 22.3.1 (Number of Dwellings within a Record of Title);		
	B. Rule 22.3.5 (Daylight admission);		
	C. Rule 22.3.6 (Building coverage);		
	D. Rule 22.3.7 (Building setbacks);		
	(ii) Rule 22.4.2 RD1 (a)(i) does not apply to any non-compliance with the Land Use-Building rules in Rule 22.3 that existed lawfully prior to the subdivision.		
	(iii) The boundaries of every proposed lot must not divide any of the following:		
	A. A natural hazard area;		
	B. Contaminated land;		
	C. Significant Amenity Landscape;		
	D. Notable trees.		
	(b) Council's discretion is restricted to the following matters:		
	(i) landscape values;		
	(ii) amenity values and character;		
	(iii) reverse sensitivity effects;		
	(iv) effects on existing buildings;		
	(v) effects on natural hazard areas;		
	(vi) effects on contaminated land;		
	(vii) effects on any notable trees;		
	(viii)effects on an intensive farming activity;		
	effects on any Aggregate Extraction Area.		
NCI	Subdivision that does not comply with Rule 16.4.8 RD1.		

22.4.2 Site boundaries – Significant Natural Areas, heritage items, archaeological sites, sites of significance to Maaori

RDI	The boundaries of every proposed lot must not divide any of the following:  (i) Significant Natural Areas;
	(ii) Heritage items as identified in Schedule 30.1 (Historic Heritage Items);
	(iii) Maaori sites of significance as identified in Schedule 30.3 (Maaori sites of significance);
	(iv) Maaori areas of significance as identified in Schedule 30.4 (Maaori areas of significance).
	Council's discretion shall be limited to the following matters:
	(i) Effects on Significant Natural Areas (SNAs);
	(ii) Effects on heritage items;
	(iii) Effects on Maaori sites of significance;
	(iv) Effects on Maaori areas of significance.

#### Restricted Discretionary Activity – Rangitahi Peninsula Zone

#### 28.4.6 Subdivision - building platform

RDI	<ul> <li>Every proposed lot, other than and access or utility allotment, must be capable of containing a building platform that meets all of the following conditions:</li> <li>(i) Has, exclusive of boundary setbacks, a circle with a diameter of at least 18m or a rectangle of at least 200m² with a minimum dimension of 12m, except that this condition shall not apply to Comprehensive Residential Development Lots;</li> <li>(ii) Has an average gradient not steeper than 1:8;</li> </ul>
	<ul> <li>(iii) Has vehicular access in accordance with Rule 14.12.1.1 Infrastructure and Energy Chapter;</li> <li>(iv) Is geo-technically stable;</li> <li>(v) Is not subject to inundation in a 2% AEP storm or flood event;</li> </ul>
	) Discretion is restricted to:
	(i) Earthworks and fill material required for subsequent buildings;
	(ii) Geotechnical suitability for building;
	<ul><li>(iii) Likely location of future buildings and their potential effects on the environment;</li></ul>
	(iv) Avoidance or mitigation of natural hazards;
	(v) Effects on landscape and amenity;
	(a) Measures to avoid storm or flood events.

#### Restricted Discretionary Activity – Rural Zone

#### 22.2.8 Indigenous vegetation clearance - outside a Significant Natural Area

RDI	<ul> <li>(a) Indigenous Vegetation clearance outside a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) that does not comply with one or more conditions of Rule 22.2.8 PI, P2 or P3.</li> <li>(b) Council's discretion is restricted to the following matters:</li> </ul>
	<ul> <li>(i) the extent to which the clearance will result in the fragmentation and isolation of indigenous ecosystems and habitats, including the loss of corridors or connections that link indigenous ecosystems and habitat and the loss of buffering of indigenous ecosystems;</li> </ul>
	(ii) the extent to which the clearance will result in loss, damage or disruption to ecological processes, functions and ecological integrity, including ecosystem services;
	(iii) the extent to which cumulative effects have been considered and addressed;
	(iv) the extent to which the clearance affects Tangata Whenua relationships with indigenous biodiversity on the site;
	(v) the extent to which the indigenous biodiversity contributes to natural character and landscape values, including in areas of outstanding natural character, outstanding natural features, outstanding natural landscapes and significant amenity landscapes.

#### 22.4.1.6 Conservation lot subdivision

RD1	<ul> <li>(a) The subdivision must comply with all of the following conditions:</li> <li>(i) The lot must contain a contiguous area of existing Significant Natural Area either as shown on the planning maps or as determined by an experienced and suitably qualified ecologist in accordance with the table below:</li> </ul>
	, , , , , , , , , , , , , , , , , , , ,

		Contiguous area to be legally protected (hectares)	Maximum number of new Records of Title	
		Between Tha and 2ha in area within the Hamilton Basin	I	
		Less than 2ha in all other areas	0	
		2ha to less than 5ha	I	
		5ha to less than 10ha	2	
		I0ha or more	3	
	<ul> <li>(ii) The area of Significant Natural Area is assessed by a suitably qualified per satisfying at least one criteria in Appendix 2 (Criteria for Determining Significate Indigenous Biodiversity);</li> <li>(iii) The Significant Natural Area is not already subject to a conservation covenant pur to the Reserves Act 1977 or the Queen Elizabeth II National Trust Act 1977;</li> <li>(iv) The subdivision proposes to legally protect all areas of Significant Natural Area of a conservation covenant pursuant to the Reserves Act 1977 or the Queen El II National Trust Act 1977;</li> <li>(v) An ecological management plan is prepared to address ongoing management covenant area to ensure that the Significant Natural Area is self-sustaining and that A. Addresses fencing requirements for the covenant area;</li> <li>B. Addresses ongoing pest plant and animal control;</li> <li>C. Identifies any enhancement or edge planting required within the covenant (vi) All proposed lots are a minimum size of 8,000m2;</li> <li>(vii) All proposed lots excluding the balance lot, must each have a maximum area of I (viii) This rule or its equivalent in a previous district plan has not previously been used in an additional subdivision entitlement;</li> <li>(b) Council's discretion is restricted to the following matters: <ol> <li>(i) Subdivision layout and proximity of building platforms to Significant Natural Area;</li> <li>(ii) Matters contained in an ecological management plan for the covenant area;</li> <li>(iii) Effects of the subdivision on rural character and amenity values;</li> <li>(iv) Extent of earthworks including earthworks for the location of building platforn</li> </ol> </li></ul>		enificance of ant pursuant i; Area by way en Elizabeth ment of the d that plan: venant area; a of I.6ha; een used to Area;	
NC1	A conse	access ways. rvation lot subdivision that does not com	ply with Rule 22.4.1.6 RD1	
	(v)			

#### Restricted Discretionary Activity – Industrial Zone and Heavy Industrial Zone

Industrial Zone Subdivision – Significant Natural Areas

RD1	Subdivision of a site containing a Significant Natural Area, must not divide the Significant Natural Area.
	(a) Council's discretion is restricted to the following matter:  (i) effects on the Significant Natural Area.

#### Discretionary Activity – Residential Zone

16.2.8. Indigenous vegetation clearance inside a Significant Natural Area

D1 Indigenous vegetation clearance in a Significant Natural Area identified on the
planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) that
does not comply with one or more conditions in Rule 16.2.8 P1, P2, P3, P4, P5 or P6.

#### Non Complying Activity – Rural Zone

#### 22.4.1.6 Conservation lot subdivision

NC1	A conservation lot subdivision that does not comply with one or more conditions in Rule
	22.4.1.6.RD1.

#### Non Complying Activity – Rural Zone, Country Living Zone, Village Zone, Rangitahi Peninsula Zone

Title boundaries – Significant Natural Areas, heritage items, Maaori sites of significance and Maaori areas of significance

NC1
-----

#### Non Complying Activities – Industrial Zone and Heavy Industrial Zone

Industrial Zone Subdivision – Significant Natural Areas

NC1	Subdivision that does not comply with a condition in Rule 20.4.6 RD1
-----	--

# 3 Evaluation of Effects, Costs, Benefits

## 3.1 Direct Processes (Effects)

Effect	Probability	Timing	Frequency	Permanence	Comments (incl. rationale to scoring)
Economic Effects – District Wide					
EEDW1 Land use activities are enabled if indigenous vegetation	Moderate	Short term	Several	Permanent	Policy 3.1.2 (a) (i)
suitable to the habitat is used for planting			times	cumulative	

EDW2 Programmes for plant and animal pest control will be	High	Short term	Occasional/	Permanent	Policy 3.1.2 (a) (ii); Policy 3.1.2 (b) (vi);
established and maintained	18		sometimes	cumulative	Rule 22.2.16 (P1) (v); Rule 22.2.16 (P2) (v)
EEDW3 Manuka and kanuka can be removed in a sustainable	High	Short term	Occasional/	Permanent	Policy 3.1.2 (c);
manner to enable development	18		sometimes	discrete	Rule 22.2.8 (p1) (ii); Rule 22.2.16 (P1) (ii); Rule 22.2.16 (P2) (ii)
EEDW4 The life supporting capacity of high class soils is	High	Long term	Occasional/	Permanent	Objective 5.2.1 (a) (i)
maintained or enhanced	111811	Long term	sometimes	discrete	
EEDW5 Subdivision, land use and development will be	High	Short term	Several	Permanent	Policy 3.3.2 (a-c)
constrained			times	discrete	Policy 5.2.3 (a);
					Policy 5.2.3 (b);
					Policy 3.2.8 (b);
					Rule 16.2.8.2 (1) (a-b); Rule 16.2.8.3 (1) (a-c); Rule 16.2.8.4 (1) (a-e);
					Rule 22.2.8 (P1) (a) (i-vii); Rule 22.2.8 (P2) (a) (i-vi); Rule 22.2.8 (P3) (a) (i-iii); Rule 22.2.8 (a-b);
					Rule 22.2.16 (P1) (vii); Rule 22.2.16 (P3);
					Rule 23.4.1 (RD1) (e); Rule 23.4.6 (1) (1); Rule 23.2.4.4 (P1) (a); Rule 23.2.4.4 (D1);
					Rule 31.2.7 (2)
EEDW6 The health and wellbeing of rural land and natural	High	Long term	Frequent/r	Permanent	Objective 5.2.1 (a) (ii);
ecosystems will be maintained or enhanced			epeatable	cumulative	Policy 5.2.3 (b);
,					Rule 15.2.6.3 (2) (e); Rule 16.2.8.2 (1) and (2);
					Rule 22.2.8 (a-b)
EEDW7 Wetland hydrology will be maintained	High	Long term	Frequent/r	Permanent	Objective 5.2.1 (a) (iii-iv);
			epeatable	cumulative	Rule 15.2.6.1 (1) (f); Rule 15.2.6.3 (2) (e); Rule 16.2.8.2 (1) and (2);
			-		Rule 22.2.3.3 P2 (a) (vi) and P4 (g); Rule 21.7.6 (P1) (a) (v);
					Rule 31.2.4.1 (1) (f)
Economic Effects – SNAs					
EESNA1 Indigenous vegetation and habitats of indigenous fauna	High	Immediate	Occasional/	Permanent	Policy 3.2.1 (a)
are identified in a spatial database by Waikato District Council			sometimes	cumulative	
EESNA2 Stock is excluded from SNAs through voluntary	High	Medium	Occasional/	Permanent	Policy 3.2.7 (a) (i);
covenants and conservation subdivisions		term	sometimes	cumulative	Rule 22.4.1.6 (a) (iv)
					Rule 21.2.11 (P4) (a) (ii); Rule 22.4.1.6 (a) (v)
					Rule 22.2.10 (P4) (ii);
					Rule 23.2.11 (P1) (a)
EESNA3 Plant and animal pest control will be undertaken in	High	Medium	Frequent/r	Permanent	Policy 3.2.7 (a) (ii);
SNAs		term	epeatable	cumulative	Rule 16.2.8.1 (b); Rule 16.2.8.4 (1) (b);
					Rule 22.2.10 (P1) (a) (ii);
					Rule 31.2.15 (1) (1) (b)
EESNA4 Subdivision, land use and development in SNAs is	High	Short term	Several	Permanent	Objective 3.3.1 (a)
constrained			times	cumulative	Policy 3.2.5 (a) (v); Policy 3.2.7 (a) (vi);
					Rule 16.2.8.2 (a-b); Rule 16.2.8.3 (1) (a-c);
					Rule 20.4.5.1 (1)
					Rule 21.2.11 (P2) (a) (i-ii); Rule 21.2.11 (P3) (A) (i-ii); Rule 22.4.1.6 (RD1) (a); Rule 22.4.1.6 (a) (ii);
					Rule 22.4.1.6 (b); Rule 21.4.10 (RD1) (a) (i);
					Rule 22.2.10 (P2); Rule 22.2.10 (P3); Rule 22.2.10 (P4); Rule 224.1.4 (RD1) (a-b) (i); Rule 22.4.2
					(NC1);
					Rule 23.2.4.3 (P1); Rule 23.2.4.3 (P2); Rule 23.2.11 (P1) (a); Rule 23.2.11 (D1); Rule 23.4.1 (D1);
					Rule 23.4.6.2;
					Rule 28.4.6 (1) (i)
					Rule 31.2.6.` (1) (1) a-c); Rule 31.2.15 (1) (1); Rule 31.2.15.1 (2) (1)
EESNA5 Development is focussed outside SNAs	High	Medium	Occasional/	Permanent	Policy 3.2.5 (a) (v)
	_	term	sometimes	cumulative	
EESNA6 SNAs are legally protected through conservation	Moderate	Medium	Occasional/	Permanent	Policy 3.2.7 (a) (vi)
covenants		term	sometimes	discrete	Rule 22.4.1.6 (a) (iv)

EESNA7 Subdivision is enabled and incentivised in the rural zone	N 4l + -	NA - diame	0	D	D-1: 2.1.2.7 (-)
	Moderate	Medium	Occasional/	Permanent	Policy 3.1.2.7 (a)
where there are legal and physical protection of SNAs		term	sometimes	discrete	
Social Effects					
Biophysical/Environmental Effects – District Wide		Ι		Ι	
BEDW1 Natural food sources are maintained	High	Long term	Several times	Permanent cumulative	Policy 3.1.2 (b) (i)
BEDW2 Threatened habitats and habitats of threatened species	High	Immediate	Occasional/	Permanent	Policy 3.1.2 (b) (ii)
will be recognised/considered			sometimes	cumulative	Policy 9.3.3.7 (a) (b)
BEDW3 Ecological processes, corridors and sequences and	High	Immediate	Occasional/	Permanent	Policy 3.1.2 (b) (iii); Policy 3.1.2 (b) (iv) (x);
buffer areas will be recognised/considered			sometimes	cumulative	Rule 22.2.8 (a-b);
					Rule 22.2.16 (RD1) (b) (i-ii)
					Policy 8.2.2 (a)
BEDW4 Migratory pathways will be recognised/considered	High	Immediate	Occasional/	Permanent	Policy 3.1.2 (b) (v);
			sometimes	cumulative	Rule 22.2.16 (RD1) (b) (i-ii)
BEDW5 The Waikato River and its catchment will be	High	Immediate	Occasional/	Permanent	Objective 3.5.1 (b)
recognised/considered			sometimes	cumulative	Policy 3.5.2 (a)
					Policy 3.1.2 (b) (vii)
					Policy 3.3.2 (b)
BEDW6 Natural character and landscape values will be	High	Immediate	Occasional/	Permanent	Objective 3.5.1 (a)
recognised/considered			sometimes	cumulative	Policy 3.1.2 (b) (viii);
					Policy 3.5.2 (a)
					Rule 22.2.8 (a-b);
					Rule 22.2.16 (RD1) (b) (i-ii) (v)
BEDW7 Natural waterway habitats and hydrology will be	High	Immediate	Occasional/	Permanent	Policy 3.1.2 (b) (ix);
recognised/considered			sometimes	cumulative	Rule 31.2.4.3 (2) (e)
BEDW8 Legal and physical protection of existing habitats will be	High	Immediate	Occasional/	Permanent	Policy 3.1.2 (b) (xi)
recognised/considered			sometimes	cumulative	
BEDW9 The removal of manuka and kanuka is enabled in a	Moderate	Medium	Occasional/	Permanent	Policy 3.1.2 (c)
sustainable manner		term	sometimes	discrete	
BEDW10 Wetland hydrology will be maintained	High	Long term	Several	Permanent	Objective 5.2.1 (a) (iii-iv);
			times	cumulative	Rule 15.2.6.1 (1) (f);
					Rule 22.2.3.3 P2 (a) (vi) and P4 (g)
Biophysical/Environmental Effects – SNAs					
BESNA1 Indigenous vegetation and habitats of indigenous fauna	High	Short term	Occasional/	Permanent	Policy 3.2.1 (a)
are identified in a spatial database by Waikato District Council			sometimes	cumulative	
BESNA2 Indigenous vegetation and habitats of indigenous fauna	Moderate	Long term	Several	Permanent	Policy 3.2.1 (b); Policy 3.2.2 (a) (i); Policy 3.2.2 (a) (ii); Policy 3.2.2 (a) (iii);
are recognised and not reduced			times	cumulative	Rule 16.2.8.5 (1)
BESNA3 The district's net indigenous biodiversity values of SNAs	Moderate	Long term	Frequent/r	Permanent	Policy 3.1.2.7 (a)
are not decreased and can be demonstrated			epeatable	cumulative	Policy 3.2.4 (a) (b);
BESNA4 Areas of significant indigenous vegetation and	Moderate	Long term	Several	Permanent	Policy 3.2.7 (a) (vi)
significant habitats of indigenous fauna will not be subdivided			times	discrete	
BESNA5 Indigenous vegetation can be cleared for specific	High	Short term	Frequent/r	Permanent	Policy 3.2.6 (a); Policy 3.2.6 (b);
activities			epeatable	discrete	Rule 15.2.8.1 (1); Rule 16.2.8.1 (a-e); Rule 16.2.8.2 (1) (a-b); Rule 16.2.8.3 (1) (a-c); Rule 16.2.8.4
					(1) (a-e)
					Rule 21.2.7.3 P1 and P2; Rule 21.2.11 P1 (a);
					Rule 22.2.10 (P1) (a)
BESNA6 Vegetation cover will be maintained	High	Long term	Frequent/r	Permanent	Policy 3.2.7 (a) (iii); Policy 3.2.7 (a) (vi);
			epeatable	cumulative	Rule 22.2.5.3 (RD1) (a-b)
BESNA7 Wetland hydrology will be maintained	High	Long term	Frequent/r	Permanent	Objective 5.2.1 (a) (iii); Objective 5.2.1 (a) (iv);
			epeatable	cumulative	Policy 3.2.7 (a) (iv);
					Rule 16.2.8.1 (2) (a-b); Rule 21.2.7.3 (P1) (vii); Rule 22.2.5.3 (RD1) (a-b); Rule 23.2.4.3 (D1 (a-b);
				1	Rule 31.2.6.1 (2) (a)

BESNA8 The introduction of exotic species will be managed to	High	Medium	Frequent/r	Permanent	Policy 3.2.8 (a) (ii)
prevent invasion		term	epeatable	cumulative	
BESNA9 The natural character and landscape values of areas will	High	Long term	Frequent/r	Permanent	Objective 5.2.1 (a) (ii);
be retained and restored			epeatable	cumulative	Policy 3.2.7 (a) (v);
					Rule 22.2.5.3 (RD1) (a-b)
Cultural Effects – District Wide					
CEDW1 Maaori have access to indigenous vegetation for	High	Short term	Frequent/r	Permanent	Policy 3.2.6 (a);
traditional cultural practices			epeatable	cumulative	Rule 16.2.8.3 (1) (a-c); Rule 16.2.8.4 (1) (a-e);
					Rule 22.2.8 (P1) (a) (vi); Rule 22.2.8 (P2) (a) (vi); Rule 22.2.8 (b) (iv);
					Rule 22.2.16 (P1) (vi); Rule 22.2.16 (P2) (vi); Rule 22.2.16 (RD1) (b) (iv)
Cultural Effects – SNAs					
CESNA1 Maaori have access to indigenous vegetation for	High	Short term	Frequent/r	Permanent	Rule 21.2.11 (P4) (a) (ii); Rule 22.2.10 (P1) (a) (v); Rule 23.2.11 (P1) (a); Rule 31.2.15 (1) (1) (e)
traditional cultural practices			epeatable	cumulative	
CESNA2 Mana Whenua are recognised as kaitiaki and can	High	Long term	Frequent/r	Permanent	Policy 3.2.7 (a) (vii)
exercise kaitiakitanga to restore and enhance areas			epeatable	cumulative	
CESNA3 Maaori can exercise their cultural right to access and	Moderate	Long term	Frequent/r	Permanent	Policy 3.2.6 (a) (iii);
develop Maaori Freehold Land			epeatable	cumulative	Rule 16.2.8.1 (e); Rule 16.2.8.2 (1) (a-b); Rule 16.2.8.3 (1) (a-c); Rule 16.2.8.4 (1) (e);
					Rule 22.2.10 (P3); Rule 22.2.10 (P4) (a) (v)

## 3.2 Consequent Processes (Effects)

Effect	Probability	Timing	Frequency	Permanence	Comments (incl. rationale to scoring)
Economic Effects					
Agricultural and horticultural activities will be able to operate on	High	Immediate	Frequent/r	Permanent	EEDW4
properties with high class soils with certainty in the future			epeatable	discrete	
Agriculture activities will be directed away from SNAs	Moderate	Short term	Frequent/r	Permanent	EESNA2
			epeatable	Cumulative	
Jobs will be created or maintained in organisations that have	Moderate	Medium	Occasional/	Permanent	EEDW2, EESNA3
expertise in prevention of exotic species, vegetation structures and habitats		term	sometimes	Cumulative	
The consenting authority will need to understand the current	High	Immediate	Occasional/	Permanent	EESNA1
state of SNAs where subdivision or development is proposed.			sometimes	Cumulative	
Social Effects					
Grass roots community environmental organisations may be	Moderate	Medium	Occasional/	Permanent	EEDW2, EESNA3
established to facilitate the eradication of plant and pests from		term	sometimes	cumulative	
SNAs and other locations					
Social networks will be formed through eradication efforts	Moderate	Medium	Several	Permanent	EEDW2, EESNA3
undertaken by grass roots and council funded organisations to		term	times	cumulative	
protect and enhance indigenous vegetation and habitats of					
fauna					
Biophysical Effects				T	
Exotic species will be less prevalent throughout the District	High	Medium	Occasional/	Permanent	EEDW2, EESNA3, BESNA8
		term	sometimes	cumulative	
Native vegetation will be more widely distributed in the District	High	Medium	Several	Permanent	BEDW1
by natural processes		term	times	cumulative	
Wider benefits to water quality in waterways due to any	High	Medium	Several	Permanent	BEDW5, BEDW7, BEDW10, BESNA7
improvements in wetland hydrology		term	times	cumulative	
Reduced erosion where indigenous cover has been increased	High	Medium	Occasional/	Permanent	BESNA2, EEDW1
Cultural Effects		term	sometimes	discrete	
Cultural Effects	Lijeh	lmama a -lt - ± -		Downson	CEDIMI CECMAI
Maaori will continue to have the ability to practice traditional	High	Immediate	Frequent/r	Permanent	CEDW1, CESNA1
cultural practices using native vegetation for medicines and craft	High	Imama diata	epeatable	discrete	CECNIA 2 CECNIA 2
Mana whenua will continue to maintain spiritual connections to	High	Immediate	Frequent/r	Permanent	CESNA2, CESNA3
their land and bush			epeatable	cumulative	

# 3.3 Nature of effect on places, people and communities, sectors (costs and benefits)

Costs	Certainty	Sufficiency	Consequence	Probability	Market or Non-Market Value	Practicable to Quantify or Monetise	Notes/Comments
Economic Costs – District Wide							
Increased costs of planting indigenous vegetation in order to enable land use	High	High	Marginal	Moderate	Market	Yes	EEDW1
Public and private landowners will incur the costs of plant and animal pest control	High	High	Meaningful	High	Market	Yes	EEDW2
Land values of properties with high class soils may be reduced	Low	Low	Meaningful	Moderate	Market	Yes	EEDW4 <2% of the land area of Soils Type 1, 2, and 3 are affected by the objectives and policies.
Properties impacted by provisions that constrain subdivision, land use and development may have lower land values	Moderate	Low	Critical	High	Market	Yes	Approximately 12% of the District's properties may be affected (3,800 properties or 68,445 ha). The land value is \$3,809m and the capital value is \$5,458m (<23% of the District's total land and capital value).
Increased costs to the public and private landowners of maintaining natural ecosystems	Moderate	Moderate	Meaningful	Moderate	Market	Yes	EEDW6
Increased costs associated with ensuring that earthworks do not divert from natural water flows	High	Moderate	Meaningful	High	Market	Yes	EEDW7
Costs of collecting data and employing staff and specialists to measure and demonstrate the effectiveness of the biodiversity objectives and policies	High	High	Meaningful	High	Market	Yes	EEDW2, EEDW4, EEDW5, EEDW6, EEDW7, BEESNA1
Increased costs associated with resource consents and Assessment of Effects, for public and private landowners	High	High	Meaningful	High	Market	Yes	Rule 22.2.8 (RD1) (b) (iii); Rule 23.4.6 (1) (1); Rule 31.2.6.1 (2) (b) Rule 22.2.8 (RD1) (b) (iv)
Economic Costs – SNAs	•			•	,		
Costs to create and maintain spatial database of indigenous vegetation and habitats of indigenous fauna by Council	High	High	Marginal	High	Market	Yes	EESNA1
Public and private landowners will incur the costs of legally protecting SNAs by Conservation Covenant	High	High	Meaningful	High	Market	Yes	EESNA2; EESNA6, BEEDW8
Public and private landowners will incur the costs of maintaining fences and ensuring stock do not enter SNAs	High	High	Marginal	High	Market	Yes	EESNA2
Public and private landowners will incur the costs of plant and animal pest control	High	High	Meaningful	High	Market	Yes	EESNA3, BEESNA8
Properties impacted by provisions that constrain subdivision, land use and development may have lower land values	Moderate	Low	Critical	High	Market	Yes	District wide the communities with the highest areas of SNA are: Mangatangi (12,055 Ha), Waitetuna (11,150 Ha), Waitetuna- Te Uku (7,410 Ha), Waingaro (5,750 Ha) and Port Waikato (3,850 Ha).  By ward, the highest areas of SNA are: Whangamarino 21,580 Ha, Whaingaroa (21,430 Ha), and Raglan (8,350 Ha).
Landowners are unable to realise development potential for land that is in SNAs	Moderate	Moderate	Critical	High	Market	Yes	EESNA4
Increased costs associated with resource consents and Assessment of Effects, for public and private landowners	Moderate	Moderate	Meaningful	High	Market	Yes	Rule 21.2.7.3 Rule 22.4.1.6 (a) (ii); Rule 21.4.10 (b) Rule 22.4.1.6 (b) (iii); Rule 21.4.13 (RD1) (a) Rule 224.1.4 (RD1) (a-b) (i)

Public and private landowners will incur the costs of an ecological management plan	High	High	Meaningful	Moderate	Market	Yes	Rule 22.4.1.6 (a) (v)			
Public and private costs of enhancement and/or edge	Moderate	Moderate	Meaningful	Moderate	Market	Yes	Rule 22.4.1.6 (a) (v)			
planting within covenant areas				ļ		1				
Public and private landowners will incur the costs of	High	High	Meaningful	High	Market	Yes	Rule 16.4.16 (a); Rule 21.4.13 (RD1) (a)			
planting and management plans being prepared by a										
suitably qualified person for subdivisions in Environmental										
Protection Areas										
Public and private landowners will incur the costs of	High	High	Meaningful	High	Market	Yes	Rule 16.4.16 (b)			
planting exclusively native species need to be planted in										
subdivisions in Environmental Protection Areas										
Costs to public and private landowners to re-vegetate areas	High	High	Meaningful	Moderate	Market	Yes	Rule 21.2.7.3 (P1) (v)			
exposed by earthworks within six months										
Costs for environmental and hydrological assessments to	High	High	Meaningful	Moderate	Market	Yes	Rule 21.2.7.3 (P1) (vii)			
demonstrate that earthworks do not divert water flows										
from established paths										
Social Costs										
Biophysical/Environmental Costs										
Cultural Costs – District Wide	Cultural Costs – District Wide									
Costs to Mana whenua for providing advice to Council	Moderate	Low	Meaningful	Moderate	Non-market	No	CEDW1, CESNA1			
about the significance of fauna and flora for traditional										
cultural practices										
Costs to Mana whenua for providing advice to Council about kaitiaki and kaitiakitanga	Moderate	Low	Meaningful	Moderate	Non-market	No	CESNA2,			

Benefits	Certainty	Sufficiency	Consequence	Probability	Market or Non-Market Value	Practicable to Quantify or Monetise	Notes/Comments
Economic Benefits – District Wide					Value	Monetise	
Increased ranges of land uses are enabled if indigenous vegetation is planted	High	High	Marginal	Moderate	Market	Yes	EEDW1
Development is enabled through the removal of kanuka and manuka	High	Moderate	Meaningful	High	Market	Yes	EEDW3
Properties with high class soils will be able to continue undertaking agriculture and horticulture activities	High	High	Fortunate	High	Market	Yes	EEDW4
Certainty is provided about the range of activities and rate of development that can occur on properties	High	High	Fortunate	High	Market	Yes	EEDW5
Land values may increase for properties that do not have constraints for subdivision and development	Moderate	Moderate	Fortunate	High	Market	Yes	EEDW5
Economic Benefits – SNAs			1				
Jobs will be created or maintained at Waikato District Council	High	High	Fortunate	High	Market	Yes	EESNA1, BEESNA1
Time saving will occur due to a central database being created	High	High	Fortunate	High	Market	Yes	EESNA1, BEESNA3
Jobs will be created or maintained in legal firms that have expertise in conservation covenants	High	High	Meaningful	High	Market	Yes	EESNA2, EESNA6
Jobs will be created or maintained in plant and animal pest control businesses	High	High	Meaningful	High	Market	Yes	EESNA3
Certainty is provided about the range of activities and rate of development that can occur on properties	High	High	Fortunate	High	Market	Yes	EESNA4, BEESNA4, BEESNA5
Land values may increase for properties that do not have constraints for subdivision and development	Moderate	Moderate	Fortunate	High	Market	Yes	EESNA4, EESNA5, BEESNA4
Properties which are enabled and incentivised in the rural zone may have increased values	Moderate	Moderate	Fortunate	Moderate	Market	Yes	EESNA7
Jobs will be created or maintained in professions that undertake AEEs on Tangata whenua relationships	Moderate	Moderate	Fortunate	Low	Market	Yes	Rule 22.2.8 (RD1) (b) (iv)
Jobs will be created or maintained in professions that undertake AEEs on natural landscapes and amenity values	High	High	Fortunate	Moderate	Market	Yes	Rule 22.2.8 (RD1) (b) (v)
Economic development is enabled on Maaori Freehold Land	Moderate	Moderate	Fortunate	Moderate	Market	Yes	CESNA3
Social Benefits – District Wide		•	•		•		
Social networks will be formed with like-minded people in grass roots organisations	Low	Low	Meaningful	Moderate	Non-market	No	Policy 3.1.2 (a) (ii); Policy 3.1.2 (b) (vi); Rule 22.2.16 (P1) (v); Rule 22.2.16 (P2) (v)
The community will have increased pride and awareness about the District's biodiversity	Low	Low	Meaningful	Moderate	Non-market	No	Policy 3.1.2 (a) (ii); Policy 3.1.2 (b) (vi); Rule 22.2.16 (P1) (v); Rule 22.2.16 (P2) (v)
The public can have access to tracks in SNAs for recreation	High	High	Meaningful	Moderate	Non-market	Yes	BEESNA5
Biophysical Benefits – District Wide							
The natural character and landscape values will be retained and restored	Moderate	Moderate	Meaningful	Moderate	Non-market	No	EEDW6, BEEDW6
The district's water quality will be improved by maintaining wetland hydrology systems	High	High	Critical	High	Non-market	No	EEDW7, BEEDW10, BEESNA7
Native fauna has access to natural food sources	High	High	Fortunate	High	Non-market	No	BEEDW1; BEESNA8
Threatened species habitats will be provided for	High	High	Fortunate	Moderate	Non-market	No	BEEDW2; BEESNA8
Native flora and fauna have habitats to undertake their normal practices	High	High	Fortunate	Moderate	Non-market	No	BEEDW3, BEEDW4, BEEDW5, BEESNA6

The spread of exotic species and pests will be managed and both farmers, private land owners and the community will benefit	Moderate	Moderate	Fortunate	Moderate	Non-market	No	EEDW2
Manuka and kanuka habitats are sustainably managed	High	Moderate	Fortunate	Moderate	Non-market	No	EEDW9
Biophysical Benefits – SNAs							
Native fauna has access to natural food sources	High	High	Fortunate	High	Non-market	No	BEESNA2
Threatened species habitats will be provided for	High	High	Fortunate	Moderate	Non-market	No	BEESNA2
Native flora and fauna have habitats to undertake their normal practices	High	High	Fortunate	Moderate	Non-market	No	BEESNA3
The natural character and landscape values will be retained and restored	Moderate	Moderate	Meaningful	Moderate	Non-market	No	BEESNA9
Cultural Benefits – District Wide							
Maaori will have access to plant sources for traditional medicines and cultural activities	Moderate	Moderate	Meaningful	Moderate	Non-market	No	CEDW1
Cultural Benefits – SNAs							
Maaori will have access to plant sources for traditional medicines and cultural activities	Moderate	Moderate	Meaningful	Moderate	Non-market	No	CESNA1
Mana whenua will have an increased role in managing indigenous biodiversity on their own and other property	Moderate	Moderate	Meaningful	Moderate	Non-market	No	CESNA2
Mana whenua can manage economic development on their Maaori Freehold Land	Moderate	Moderate	Fortunate	Moderate	Non-market	No	CESNA3

# Appendix 1 – SNA Tables

Figure 0.1: SNAs - LINZ Land Use Detailed Summary – part one

			Policy Are	a of Effe	ect			Total Dis	trict		Poli	cy Area of Effec	t as Share of Dis	strict
Land Use Summary	Land Use Detailed	Hectares of Properties	Count of Properties	Prop	erties	Capital Value of Properties	Hectares of Properties	Count of	Properties	Capital Value of Propertie	Hectares of	Count of Properties	Properties	Capital Value of Properties
Commercial	COMMERCIAL-ACCOMMODATION	5.7	3	• • • • • • • • • • • • • • • • • • • •	m) 1.70	(\$m) \$ 3.29	53.7	24 \$	(\$m) 14.35	(\$m) \$ 31.0	2 11%	13%	(\$m) 12%	(\$m) 3 11%
Commercial	COMMERCIAL ACCOMMODATION  COMMERCIAL CHILD CARE CENTRE	-		\$		\$ -	11.3	30 \$		-				
Commercial	COMMERCIAL-COMMERCIAL GENERAL	0.2	1			\$ 0.22	42.0	72 \$						
Commercial	COMMERCIAL-HEALTH/DOCTORS (INCL ANIMAL BREEDING/GENETICS)	-	-	\$		\$ -	5.8	7 \$						
Commercial	COMMERCIAL-LIQUOR	-	-	\$		\$ -	6.2	15 \$		-				
Commercial	COMMERCIAL-MOTOR VEHICLES	-	-	Ś		\$ -	3.0	10 \$		•				
Commercial	COMMERCIAL-OFFICE	-	-	\$		\$ -	4.8	40 \$		-				
Commercial	COMMERCIAL-PARKING	_	-	\$		\$ -	0.3	4 \$						
Commercial	COMMERCIAL-REST HOMES	0.3	1	\$	1.70	\$ 21.80	19.5	5 \$		-				
Commercial	COMMERCIAL-RETAIL	-	-	Ś		\$ -	18.2	201 \$		•				
Commercial	COMMERCIAL-SERVICE STATION	-	-	\$		\$ -	2.6	10 \$		-				
Commercial	COMMERCIAL SERVICE STATION  COMMERCIAL-TOURIST ATTRACTIONS	-	-	\$		\$ -	39.8	3 \$		-				
Commercial	COMMERCIAL-VACANT	-	-	ς .		\$ -	9.2	45 \$				0%		
Dairying	DAIRYING-FACTORY	5,706.9	385	\$ 1	1,046.15	Υ	118,165.8	1,386 \$						
Forestry	FORESTRY-EXOTIC	1,008.6	133	ς -	42.62	. ,	16,867.2	179 \$		-				
Forestry	FORESTRY-INDIGENOUS	2,246.9	35	ς .	4.26		2,671.4	36 \$		-		97%		
Forestry	FORESTRY-PROTECTED	1,446.3	6		3.21		1,459.7	7 \$				86%		
Horticulture	HORTICULTURE-BERRY	52.4	1		1.77			4 \$		-				
Horticulture	HORTICULTURE-CITRUS	2.2	1			\$ -	29.6	4 \$						
Horticulture	HORTICULTURE-FLOWERS	0.3	1	•	0.99	•	58.0	10 \$						
Horticulture	HORTICULTURE-GLASSHOUSES	4.4	7		5.00			36 \$		-				
Horticulture	HORTICULTURE-KIWIFRUIT	10.8	3	-	3.52	•	243.9	20 \$		-		15%		
Horticulture	HORTICULTURE-MARKET GARDEN	79.5	57		104.36		4,861.2	194 \$		-				
Horticulture	HORTICULTURE-OTHER LIFESTOCK	19.3	9	-	15.11	-	496.2	27 \$						
Horticulture	HORTICULTURE-VINEYARD	-		\$	-	•	44.0	3 \$		-	-			
Industrial	INDUSTRIAL-HEAVY	27.0	2		13.47	•	186.7	10 \$				20%		
Industrial	INDUSTRIAL-LIGHT	17.6	7	-	2.72	-	175.2	143 \$		-		5%		
Industrial	INDUSTRIAL-NOXIOUS	-		\$		\$ -	18.4	5 \$		-				
Industrial	INDUSTRIAL-NZ GROWERS	_		\$		\$ -	1.7	1 \$		-		0%		
Industrial	INDUSTRIAL-OTHER	0.0	1			\$ 0.69	40.2	28 \$						
Industrial	INDUSTRIAL-SERVICE	-	-	Ś	-	\$ -	26.7	81 \$		-				
Industrial	INDUSTRIAL-VACANT	0.5	1	\$		\$ 13.00		102 \$		-				
Industrial	INDUSTRIAL-WAREHOUSE	-		\$	-	•	9.5	17 \$				0%		
Lifestyle	LIFESTYLE-BARE/CROPS	0.9	1		1.53	•		10 \$						
Lifestyle	LIFESTYLE-IMPROVED	1,798.0	1,240	-	759.87		26,764.3	10,304 \$						
Lifestyle	LIFESTYLE-VACANT	6,940.6	435		243.46		17,919.1	2,739 \$						
Mining	MINING-COAL	94.0	5		5.26			9 \$						
Mining	MINING-LIMESTONE	-		\$		\$ -	15.8	1 \$						
Mining	MINING-OTHER	-		\$		\$ -	14.7	1 \$						
Mining	MINING-PRECIOUS METALS	0.4	1		1.60	-		1 \$						
Mining	MINING-ROCK	32.4	5		7.30			12 \$						
Not Classified	NOT CLASSIFIED	75.9	9		18.26			44 \$						
Other	OTHER-ASSEMBLY HALLS	13.5	4		1.41			58 \$						
Other	OTHER-EDUCATION	19.9	6		6.15			81 \$						

Figure 0.2: SNAs - LINZ Land Use Detailed Summary – part two

			Policy Are	a of Effect				Total Di	strict			Polic	y Area of Effect	t as Share of Dis	strict
Land Use Summary	Land Use Detailed	Hectares of Properties	Count of Properties			Capital Value of Properties (\$m)	Hectares of Properties	Count of Properties	and Value o Properties (\$m)			Hectares of Properties	Count of Properties		Capital Value of Properties (\$m)
Other	OTHER-HEALTH	-	-	\$ -	. :	\$ -	4.1	1	\$ 1.0	3 \$	4.73	0%	0%	0%	0%
Other	OTHER-MAORI SITES	3,536.5	47	\$ 5.	45	\$ 13.79	3,860.2	124	\$ 16.1	7 \$	55.40	92%	38%	34%	25%
Other	OTHER-OTHER	950.0	22	\$ 16.	19	\$ 55.72	2,103.6	112	\$ 58.2	1 \$	466.00	45%	20%	28%	12%
Other	OTHER-PASSIVE RESERVE	9,746.5	223	\$ 68.	01	\$ 75.95	21,467.5	526	\$ 91.8	1 \$	101.32	45%	42%	74%	75%
Other	OTHER-RELIGOUS	5.9	2	\$ 0.	39	\$ 0.91	31.0	57	\$ 16.7	1 \$	33.96	19%	4%	2%	3%
Other	OTHER-SPORTS	52.6	14	\$ 17.	21	\$ 27.17	1,378.9	77	\$ 55.5	4 \$	108.39	4%	18%	31%	25%
Other	OTHER-UTILITIES	9,368.9	1	\$ 13.	57	\$ 169.27	10,270.3	1	\$ 13.5	7 \$	169.27	91%	100%	100%	100%
Other	OTHER-VACANT	3,850.8	130	\$ 14.	18	\$ 14.36	5,760.7	794	\$ 39.8	2 \$	40.93	67%	16%	36%	35%
Pasture & Speciality Livestock	PASTURE-FATTENING	8,101.1	533	\$ 967.	13	\$ 1,138.77	123,016.9	916	\$ 1,439.2	5 \$	1,691.65	7%	58%	67%	67%
Pasture & Speciality Livestock	PASTURE-GRAZING	12,915.6	243	\$ 270.	73	\$ 322.35	61,850.2	318	\$ 324.6	) \$	387.60	21%	76%	83%	83%
Residential	RESIDENTIAL-BARE BLOCK	1.7	2	\$ 8.	09	\$ 8.09	157.4	28	\$ 112.4	4 \$	113.68	1%	7%	7%	7%
Residential	RESIDENTIAL-CONVERTED HOUSES	-	-	\$ -	. :	\$ -	0.4	4	\$ 0.7	9 \$	1.56	0%	0%	0%	0%
Residential	RESIDENTIAL-DWELLING	7.2	73	\$ 33.	74	\$ 47.16	949.0	9,673	\$ 2,314.2	3 \$	4,483.18	1%	1%	1%	1%
Residential	RESIDENTIAL-2+ DWELLING UNITS	-	-	\$ -	. :	\$ -	7.2	59	\$ 15.6	5 \$	34.11	0%	0%	0%	0%
Residential	RESIDENTIAL-FLATS	0.8	83	\$ 12.	.97	\$ 23.97	136.9	971	\$ 202.1	9 \$	401.76	1%	9%	6%	6%
Residential	RESIDENTIAL-HOME AND INCOME	0.1	3	\$ 1.	65	\$ 3.12	7.2	59	\$ 19.4	3 \$	37.54	2%	5%	8%	8%
Residential	RESIDENTIAL-RENTAL FLATS	-	-	\$ -	. :	\$ -	6.6	41	\$ 12.9	3 \$	25.15	0%	0%	0%	0%
Residential	RESIDENTIAL-VACANT SINGLE	3.3	36	\$ 12.	13	\$ 12.42	139.6	1,168	\$ 238.6	3 \$	250.72	2%	3%	5%	5%
Pasture & Speciality Livestock	SPECIALITY LIVESTOCK-DEER FARMING	41.3	4	\$ 2.	26	\$ 2.80	880.1	16	\$ 19.0	1 \$	24.52	5%	25%	12%	11%
Pasture & Speciality Livestock	SPECIALITY LIVESTOCK-HORSE	15.7	10	\$ 13.	51	\$ 18.47	1,396.8	70	\$ 99.5	2 \$	140.11	1%	14%	14%	13%
Pasture & Speciality Livestock	SPECIALITY LIVESTOCK-OTHER LIFESTOCK	11.5	4	\$ 27.	08	\$ 46.08	776.2	12	\$ 47.0	7 \$	79.74	1%	33%	58%	58%
Pasture & Speciality Livestock	SPECIALITY LIVESTOCK-PIGS	3.0	2	\$ 1.	85	\$ 3.01	91.4	6	\$ 5.4	3 \$	8.63	3%	33%	34%	35%
Pasture & Speciality Livestock	SPECIALITY LIVESTOCK-POULTRY	3.6	6	\$ 6.	00	\$ 12.35	349.3	36	\$ 30.7	) \$	99.11	1%	17%	20%	12%
Utility	UTILITY-MISCELLENEOUS/UNMANED	-	-	\$ -	.   !	\$ -	3.5	24	\$ 3.5	5 \$	6.01	0%	0%	0%	0%
Utility	UTILITY-RAIL CORRIDOR	-	-	\$ -	.   9	\$ -	0.9	1	\$ 0.0	3 \$	0.46	0%	0%	0%	0%
Utility	UTILITY-TELCOM/CELL TOWER	-	-	\$ -	. !	\$ -	0.8	2	\$ 0.4	3 \$	0.83	0%	0%	0%	0%
Utility	UTILITY-WATER/RESERVOIR/TREATMENT	-	-	\$ -	. !	\$ -	4.7	9	\$ 1.5	3 \$	2.90	0%	0%	0%	0%
Utility	UTILITY-WIND TURBINE/POWER STATION	224.9	5	\$ 11.	72	\$ 196.33	2,218.5	5	\$ 11.7	2 \$	196.33	10%	100%	100%	100%
Total		68,445.5	3,803	\$ 3,808.	63	\$ 5,457.52	431,243.1	31,129	\$ 16,59 <u>5.1</u>	5 \$	26,426.91	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot)

Figure 0.3: SNAs - LINZ Land Use Summary

		Policy Are	a of	Effect			Total	Dist	rict		Polic	y Area of Effec	as Share of Dis	trict
Land Use Summary	Hectares of Properties	Count of Properties		nd Value of roperties (\$m)	pital Value Properties (\$m)	Hectares of Properties	Count of Properties		nd Value of Properties (\$m)	pital Value Properties (\$m)	Hectares of Properties	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Commercial	6.2	5	\$	3.48	\$ 25.31	216.5	466	\$	148.76	\$ 346.80	3%	1%	2%	7%
Industrial	45.1	11	\$	29.49	\$ 66.03	678.7	387	\$	247.96	\$ 476.65	7%	3%	12%	14%
Mining	126.7	11	\$	14.16	\$ 17.02	1,993.6	24	\$	20.04	\$ 24.11	6%	46%	71%	71%
Utility	224.9	5	\$	11.72	\$ 196.33	2,228.4	41	\$	17.26	\$ 206.53	10%	12%	68%	95%
Residential	13.1	197	\$	68.57	\$ 94.76	1,404.3	12,003	\$	2,916.34	\$ 5,347.70	1%	2%	2%	2%
Lifestyle	8,739.6	1,676	\$	1,004.85	\$ 1,586.14	44,746.0	13,053	\$	6,476.14	\$ 11,034.75	20%	13%	16%	14%
Forestry	4,701.8	174	\$	50.09	\$ 60.21	20,998.3	222	\$	59.71	\$ 70.51	22%	78%	84%	85%
Horticulture	169.0	79	\$	130.75	\$ 167.16	5,989.5	298	\$	403.86	\$ 551.45	3%	27%	32%	30%
Pasture & Speciality Livestock	21,091.8	802	\$	1,288.56	\$ 1,543.82	188,360.9	1,374	\$	1,965.59	\$ 2,431.33	11%	58%	66%	63%
Dairying	5,706.9	385	\$	1,046.15	\$ 1,242.97	118,165.8	1,386	\$	3,933.88	\$ 4,583.72	5%	28%	27%	27%
Other	27,544.6	449	\$	142.56	\$ 393.91	45,151.4	1,831	\$	354.48	\$ 1,249.18	61%	25%	40%	32%
Not Classified	75.9	9	\$	18.26	\$ 63.88	1,309.9	44	\$	51.15	\$ 104.18	6%	20%	36%	61%
Total	68,445.5	3,803	\$	3,808.63	\$ 5,457.52	431,243.1	31,129	\$	16,595.16	\$ 26,426.91	16%	12%	23%	21%

Figure 0.4: SNAs - Operative District Plan Zone Summary

Operative	Operative			Policy Are	a of Effect				Total [	Distri	ict		Poli	cy Area of Effec	t as Share of Dis	trict
Plan Section	Zone Sub- Category	Operative DP Zone	Hectares of Properties	Count of Properties	Land Value Properties (\$m)		apital Value of Properties (\$m)	Hectares of Properties	Count of Properties			Capital Value of Properties (\$m)	Hectares of	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Franklin	Industrial	Aggregate Extraction	56.4	5	\$ 3.	'1 \$	5.19	226.3	6	\$	3.75	\$ 5.23	25%	83%	99%	99%
Franklin	Commercial	Business	1.2	2	\$ 6.	4 \$	33.32	313.8	644	\$	232.85	\$ 438.81	0%	0%	3%	8%
Franklin	Rural	Coastal	4,487.5	267	\$ 171.	\$ \$	210.06	15,173.0	510	\$	268.09	\$ 346.32	30%	52%	64%	61%
Waikato	Rural	Country Living	337.6	415	\$ 234.	6 \$	464.21	3,387.7	2,496	\$	1,183.99	\$ 2,362.65	10%	17%	20%	20%
Franklin	Rural	Forest Conservation	10,615.7	4	\$ 16.	7 \$	172.22	11,519.4	4	\$	16.47	\$ 172.22	92%	100%	100%	100%
Waikato	Rural	Formed Road	8.5	3	\$ 2.	0 \$	3.86	242.1	12	\$	3.98	\$ 5.90	4%	25%	63%	65%
Waikato	Industrial	Heavy Industrial	32.8	8	\$ 5.	'5 \$	132.69	239.8	26	\$	19.37	\$ 154.29	14%	31%	30%	86%
Franklin	Industrial	Industrial	1.3	1	\$ 1.	80 \$	4.81	100.2	18	\$	26.31	\$ 32.73	1%	6%	7%	15%
Franklin	Industrial	Industrial 2	0.6	2	\$ 19.	4 \$	20.10	52.8	5	\$	20.89	\$ 21.06	1%	40%	95%	95%
Waikato	Industrial	Industrial Park	-	-	\$ -	\$	-	175.0	25	\$	64.16	\$ 78.57	0%	0%	0%	0%
Franklin	Industrial	Industrial Services	-	-	\$ -	\$	-	1.7	1	\$	1.53	\$ 6.95	0%	0%	0%	0%
Waikato	Industrial	Light Industrial	10.8	8	\$ 2.	2 \$	4.49	254.9	213	\$	84.97	\$ 202.82	4%	4%	3%	2%
Waikato	Urban	Living	29.6	204	\$ 71.	1 \$	109.07	1,066.6	7,614	\$	1,697.83	\$ 3,201.39	3%	3%	4%	3%
Waikato	Urban	Living Rangatahi	11.8	1	\$ 2.	3 \$	2.60	119.9	8	\$	5.43	\$ 7.09	10%	13%	45%	37%
Waikato	Urban	Living Zone Te Kauwhata Ecological	11.6	3	\$ 8.	2 \$	8.65	42.3	4	\$	8.69	\$ 9.28	27%	75%	96%	93%
Waikato	Urban	Living Zone Te Kauwhata West	-	-	\$ -	\$	-	41.3	67	\$	31.06	\$ 36.67	0%	0%	0%	0%
Franklin	Industrial	Maioro Mining	44.9	3	\$ 5.	8 \$	10.86	1,448.5	4	\$	6.02	\$ 11.00	3%	75%	98%	99%
Waikato	Urban	New Residential	3.9	2	\$ 1.	2 \$	1.48	282.8	696	\$	221.16	\$ 390.16	1%	0%	1%	0%
Waikato	Other	Pa	17.6	15	\$ 7.	8 \$	17.68	276.0	192	\$	43.71	\$ 96.17	6%	8%	17%	18%
Franklin	Public space	Queens Redoubt Heritage	-	-	\$ -	\$	-	1.8	1	\$	0.60	\$ 0.95	0%	0%	0%	0%
Franklin	Public space	Recreation	917.8	42	\$ 13.	4 \$	20.01	2,133.7	163	\$	43.85	\$ 65.89	43%	26%	32%	30%
Franklin	Urban	Residential	-	-	\$ -	\$	-	140.1	1,414	\$	456.15	\$ 781.06	0%	0%	0%	0%
Franklin	Urban	Residential 2	6.3	17	\$ 16.	5 \$	16.86	227.6	923	\$	351.69	\$ 635.58	3%	2%	5%	3%
Franklin	Rural	Rural	49,063.3	2,768	\$ 3,186.	9 \$	4,186.81	387,779.4	14,966	\$	11,465.43	\$ 16,795.72	13%	18%	28%	25%
Franklin	Urban	Rural-Residential	-	-	\$ -	\$	-	114.1	298	\$	91.44	\$ 160.17	0%	0%	0%	0%
Franklin	Industrial	Timber Processing	-	-	\$ -	\$	-	13.8	1	\$	1.14	\$ 4.92	0%	0%	0%	0%
Franklin	Urban	Village	1,200.7	4	\$ 20.	7 \$	23.30	3,903.4	771	\$	233.24	\$ 388.47	31%	1%	9%	6%
Franklin	Commercial	Village Business	-	-	\$ -	\$	-	4.0	9	\$	2.41	\$ 4.50	0%	0%	0%	0%
Franklin	Rural	Wetland Conservation	1,585.7	29	\$ 8.	2 \$	9.26	1,961.5	38	\$	8.99	\$ 10.36	81%	76%	89%	89%
Total			68,445.5	3,803	\$ 3,808.	3 \$	5,457.52	431,243.1	31,129	\$	16,595.16	\$ 26,426.91	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot). Excludes Roads and NULL.

Figure 0.5: SNAs - Operative District Plan Zone Sub Category Summary

Operative		Policy Are	a of	Effect			Total	Dist	rict		Polic	cy Area of Effec	t as Share of Dis	trict
Zone Sub- Category	Hectares of Properties	Count of Properties		nd Value of roperties (\$m)	 pital Value Properties (\$m)	Hectares of Properties	Count of Properties		nd Value of roperties (\$m)	Properties (\$m)	Hectares of Properties	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Industrial	146.7	27	\$	39.50	\$ 178.13	2,512.9	299	\$	228.14	\$ 517.56	6%	9%	17%	34%
Commercial	1.2	2	\$	6.84	\$ 33.32	317.7	653	\$	235.26	\$ 443.31	0%	0%	3%	8%
Rural	66,098.3	3,486	\$	3,620.08	\$ 5,046.41	420,063.0	18,026	\$	12,946.94	\$ 19,693.17	16%	19%	28%	26%
Urban	1,263.9	231	\$	121.10	\$ 161.96	5,938.1	11,795	\$	3,096.67	\$ 5,609.87	21%	2%	4%	3%
Other	17.6	15	\$	7.28	\$ 17.68	276.0	192	\$	43.71	\$ 96.17	6%	8%	17%	18%
Public space	917.8	42	\$	13.84	\$ 20.01	2,135.5	164	\$	44.44	\$ 66.84	43%	26%	31%	30%
Total	68,445.5	3,803	\$	3,808.63	\$ 5,457.52	431,243.1	31,129	\$	16,595.16	\$ 26,426.91	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot). Excludes Roads and NULL.

Figure 0.6: SNAs - Operative District Plan Section Summary

Operative		Policy Are	a of	Effect			Total	Dist	rict		Polic	y Area of Effec	t as Share of Dis	trict
Plan Section	Hectares of Properties	Count of Properties		d Value of roperties (\$m)	pital Value Properties (\$m)	Hectares of Properties	Count of Properties		nd Value of roperties (\$m)	pital Value Properties (\$m)	Hectares of Properties	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Franklin	67,981.5	3,144	\$	3,472.45	\$ 4,712.78	425,114.9	19,776	\$	13,230.83	\$ 19,881.92	16%	16%	26%	24%
Waikato	464.0	659	\$	336.18	\$ 744.73	6,128.3	11,353	\$	3,364.33	\$ 6,544.99	8%	6%	10%	11%
Total	68,445.5	3,803	\$	3,808.63	\$ 5,457.52	431,243.1	31,129	\$	16,595.16	\$ 26,426.91	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot). Excludes Roads and NULL.

Figure 0.7: SNAs - Proposed District Plan Zone Summary

Durant			Policy Are	a of E	ffect				Total I	Dist	rict		Polic	cy Area of Effec	t as Share of Dis	trict
Proposed Zone Sub- Category	Proposed DP Zone	Hectares of Properties	Count of Properties	Pro	Value of operties (\$m)	of P	ital Value roperties (\$m)	Hectares of Properties	Count of Properties		nd Value of Properties (\$m)	pital Value Properties (\$m)	Hectares of Properties	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Public Space	Reserve	11,607.2	54	\$	35.05	\$	196.89	13,541.3	184	\$	72.13	\$ 257.24	86%	29%	49%	77%
Urban	Residential	34.8	109	\$	81.70	\$	101.64	1,878.1	8,789	\$	2,269.46	\$ 4,165.87	2%	1%	4%	2%
Other	Paa	48.7	21	\$	16.67	\$	54.12	627.6	209	\$	58.09	\$ 146.17	8%	10%	29%	37%
Rural	Country Living	216.9	384	\$	223.05	\$	442.54	3,154.1	2,404	\$	1,142.04	\$ 2,284.57	7%	16%	20%	19%
Other	Motorsport and Recreation	-	-	\$	-	\$	-	220.4	98	\$	35.80	\$ 86.34	0%	0%	0%	0%
Urban	Business Town Centre	-	-	\$	-	\$	-	28.3	245	\$	74.22	\$ 129.75	0%	0%	0%	0%
Urban	Tamahere Business Zone	-	-	\$	-	\$	-	0.9	1	\$	0.51	\$ 0.51	0%	0%	0%	0%
Industrial	Heavy Industrial	32.4	5	\$	35.41	\$	195.08	276.1	18	\$	39.73	\$ 202.06	12%	28%	89%	97%
Urban	Village	443.2	353	\$	298.93	\$	426.71	10,060.8	4,551	\$	1,898.64	\$ 3,119.25	4%	8%	16%	14%
Industrial	Industrial	12.5	15	\$	4.59	\$	8.94	450.2	243	\$	160.17	\$ 307.19	3%	6%	3%	3%
Urban	Business	0.2	1	\$	0.39	\$	0.72	71.4	294	\$	87.26	\$ 170.35	0%	0%	0%	0%
Rural	Rural	56,037.9	2,860	\$	3,110.41	\$	4,028.28	400,814.2	14,085	\$	10,751.68	\$ 15,550.52	14%	20%	29%	26%
Urban	Rangitahi Peninsula Zone	11.8	1	\$	2.43	\$	2.60	119.9	8	\$	5.43	\$ 7.09	10%	13%	45%	37%
Total		68,445.5	3,803	\$	3,808.63	\$	5,457.52	431,243.1	31,129	\$	16,595.16	\$ 26,426.91	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot). Excludes Roads and NULL.

Figure 0.8: SNAs - Proposed District Plan Zone Sub Category Summary

Proposed		Policy Are	a of	Effect			Total I	Distr	ict		Polic	y Area of Effec	t as Share of Dis	trict
Zone Sub- Category	Hectares of Properties	Count of Properties		d Value of operties (\$m)	oital Value Properties (\$m)	Hectares of Properties	Count of Properties		d Value of roperties (\$m)	 pital Value Properties (\$m)	Hectares of Properties	Count of Properties	Land Value of Properties (\$m)	Capital Value of Properties (\$m)
Industrial	44.8	20	\$	40.0	\$ 204.0	726.2	261	\$	199.9	\$ 509.2	6%	8%	20%	40%
Commercial	-	-	\$	-	\$ -	-	-	\$	-	\$ -	0%	0%	0%	0%
Rural	56,254.8	3,244	\$	3,333.5	\$ 4,470.8	403,968.2	16,489	\$	11,893.7	\$ 17,835.1	14%	20%	28%	25%
Urban	490.0	464	\$	383.4	\$ 531.7	12,159.3	13,888	\$	4,335.5	\$ 7,592.8	4%	3%	9%	7%
Other	48.7	21	\$	16.7	\$ 54.1	848.0	307	\$	93.9	\$ 232.5	6%	7%	18%	23%
Public space	11,607.2	54	\$	35.0	\$ 196.9	13,541.3	184	\$	72.1	\$ 257.2	86%	29%	49%	77%
Total	68,445.5	3,803	\$	3,808.6	\$ 5,457.5	431,243.1	31,129	\$	16,595.2	\$ 26,426.9	16%	12%	23%	21%

Source: WDC Baseline Database (July 2017 Property Snapshot). Excludes Roads and NULL.

## 3.3.1 Natural Assets and Resources Directly Affected

Figure 0.9: SNAs - High Class Soils by Community Summary

			Policy Are	a of Effect			Total	District		Policy	Area of Effect	as Share of Dist	trict
Ward	Community	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	17.83	38.25	-	56.08	381.83	572.10	-	953.93	5%	7%	0%	6%
Awaroa ki Tuakau Ward	Pokeno Community	0.11	7.39	-	7.50	19.54	1,028.94	-	1,048.48	1%	1%	0%	1%
Awaroa ki Tuakau Ward	Tuakau Community	5.80	29.69	-	35.49	445.53	1,997.95	-	2,443.48	1%	1%	0%	1%
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	0.30	15.86	-	16.16	25.18	633.15	-	658.33	1%	3%	0%	2%
Whangamarino Ward	Mangatangi Community	-	9.97	-	9.97	-	1,648.12	23.62	1,671.74	0%	1%	0%	1%
Whangamarino Ward	Mangatawhiri Community	-	9.86	0.01	9.87	-	2,724.74	232.44	2,957.18	0%	0%	0%	0%
Whangamarino Ward	Maramarua Community	-	16.12	1.71	17.83	-	1,769.83	108.57	1,878.40	0%	1%	2%	1%
Whangamarino Ward	Meremere Community	-	92.88	-	92.88	-	821.74	-	821.74	0%	11%	0%	11%
Whangamarino Ward	Te Kauwhata	-	29.85	-	29.85	-	2,723.26	-	2,723.26	0%	1%	0%	1%
Onewhero Ward	Glen Murray Community	-	7.61	10.55	18.16	-	571.58	865.06	1,436.64	0%	1%	1%	1%
Onewhero Ward	Onewhero Community	-	50.17	9.46	59.63	81.22	2,835.69	257.52	3,174.43	0%	2%	4%	2%
Onewhero Ward	Port Waikato Community	-	16.00	5.84	21.84	-	34.96	155.96	190.92	0%	46%	4%	11%
Onewhero Ward	Pukekawa-Opuatia Community	15.04	45.61	-	60.65	844.07	2,670.17		3,543.65	2%	2%	0%	2%
Onewhero Ward	Waikaretu Community	-	-	14.48	14.48	-	-	1,069.45	1,069.45	0%	0%	1%	1%
Huntly Ward	Huntly Community	-	106.64	-	106.64	-	2,243.96		2,243.96	0%	5%	0%	5%
Huntly Ward	Ohinewai Community	-	55.53	-	55.53	-	2,026.87	-	2,026.87	0%	3%	0%	3%
Hukanui-Waerenga Ward	Gordonton Community	9.96	14.01	-	23.97	1,072.06	7,754.56	150.18	8,976.80	1%	0%	0%	0%
Hukanui-Waerenga Ward	Orini-Tauhei Community	7.28	66.28	-	73.56	148.26	13,622.97		13,772.63	5%	0%	0%	1%
Hukanui-Waerenga Ward	Waerenga Community	-	42.47	-	42.47	-	5,485.29	-	5,485.29	0%	1%	0%	1%
Hukanui-Waerenga Ward	Waiterimu-Te Hoe Community	-	34.58	-	34.58	-	4,868.83		4,868.83	0%	1%	0%	1%
Ngaruawahia Ward	Horsham Downs Community	3.78	17.21	-	20.99	246.25	2,199.46		2,445.71	2%	1%	0%	1%
Ngaruawahia Ward	Ngaruawahia Community	6.66	13.61	0.33	20.60	117.56	1,078.22		1,308.60	6%	1%	0%	2%
Ngaruawahia Ward	Taupiri Community	1.07	81.28	-	82.35	221.28	2,085.15		2,306.43	0%	4%	0%	4%
Whaingaroa Ward	Naike Community	-	2.71	16.49	19.20	-	248.47		1,044.63	0%	1%	2%	2%
Whaingaroa Ward	Pukemiro Community	-	-	-	-	-	59.39		79.00	0%	0%	0%	0%
Whaingaroa Ward	Rotongaro-Ruawaro Community	-	37.27	13.37	50.64	-	2,780.56		3,056.82	0%	1%	5%	2%
Whaingaroa Ward	Rotowaro Community	-	-	-	-	-	26.85		26.85	0%	0%	0%	0%
Whaingaroa Ward	Te Akau Community	-	-	0.98	0.98	-	180.11	844.83	1,024.94	0%	0%	0%	0%
Whaingaroa Ward	Waingaro Community	-	37.16	3.78	40.94	13.85	329.20		636.76	0%	11%	1%	6%
Whaingaroa Ward	Waitetuna Community	-	52.34	64.11	116.45	-	1,517.75		1,873.24	0%	3%	18%	6%
Newcastle Ward	Horotiu Community	7.75	0.95	-	8.70	96.98	471.31		568.29	8%	0%	0%	2%
Newcastle Ward	Rotokauri Community	-	18.86	-	18.86	116.83	686.43		803.26	0%	3%	0%	2%
Newcastle Ward	Te Kowhai Community	26.79	52.95	-	79.74	498.30	2,382.00	-	2,880.30	5%	2%	0%	3%
Newcastle Ward	Whatawhata-Koromatua Community	0.50	7.38	-	7.88	205.05	1,291.30		1,496.35	0%	1%	0%	1%
Eureka Ward	Eureka Community	-	-	-	-	118.67	4,560.27		4,678.94	0%	0%	0%	0%
Eureka Ward	Matangi Community	2.56	3.56	-	6.12	1,164.04	580.70	-	1,744.74	0%	1%	0%	0%
Eureka Ward	Puketaha Community	1.45	-	-	1.45	330.98	3,975.07	-	4,306.05	0%	0%	0%	0%
Eureka Ward	Tauwhare Community	-	-	-	-	368.49	288.78		657.27	0%	0%	0%	0%
Tamahere Ward	Hautapu Community	39.17	12.92	-	52.09	2,302.75	853.94		3,156.69	2%	2%	0%	2%
Tamahere Ward	Tamahere Community	18.68	-	-	18.68	1,026.53	14.35		1,040.88	2%	0%	0%	2%
Raglan Ward	Raglan Community	-	-	3.16	3.16	-	-	117.01	117.01	0%	0%	3%	3%
Raglan Ward	Waitetuna-Te Uku Community	-	5.90	16.30	22.20	-	108.41		877.00	0%	5%	2%	3%
Total	,	164.73	1,032.87	160.57	1,358.17	9,845.25	81,752.43		98,075.77	2%	1%	2%	

Source: WDC Baseline Database

Figure 0.10: SNAs - High Class Soils by Ward Summary

		Policy Are	a of Effect			Total I	District		Poli	cy Area of Effect	t as Share of Dis	trict
Ward	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)	Soil Type 1 (Ha)	Soil Type 2 (Ha)	Soil Type 3 (Ha)	Total High Class Soils (Ha)
Awaroa ki Tuakau Ward	24.04	91.19	-	115.23	872.08	4,232.14	-	5,104.22	3%	2%	0%	2%
Whangamarino Ward	-	158.68	1.72	160.40	-	9,687.69	364.63	10,052.32	0%	2%	0%	2%
Onewhero Ward	15.04	119.39	40.33	174.76	925.29	6,112.40	2,377.40	9,415.09	2%	2%	2%	2%
Huntly Ward	-	162.17	-	162.17	-	4,270.83	-	4,270.83	0%	4%	0%	4%
Hukanui-Waerenga Ward	17.24	157.34	-	174.58	1,220.32	31,731.65	151.58	33,103.55	1%	0%	0%	1%
Ngaruawahia Ward	11.51	112.10	0.33	123.94	585.09	5,362.83	112.82	6,060.74	2%	2%	0%	2%
Whaingaroa Ward	-	129.48	98.73	228.21	13.85	5,142.33	2,586.06	7,742.24	0%	3%	4%	3%
Newcastle Ward	35.04	80.14	-	115.18	917.16	4,831.04	-	5,748.20	4%	2%	0%	2%
Eureka Ward	4.01	3.56	-	7.57	1,982.18	9,404.82	-	11,387.00	0%	0%	0%	0%
Tamahere Ward	57.85	12.92	-	70.77	3,329.28	868.29	-	4,197.57	2%	1%	0%	2%
Raglan Ward	-	5.90	19.46	25.36	-	108.41	885.60	994.01	0%	5%	2%	3%
Total	164.73	1,032.87	160.57	1,358.17	9,845.25	81,752.43	6,478.09	98,075.77	2%	1%	2%	1%

Figure 0.11: SNAs - Natural Areas by Community Summary

			Pol	icy Area of Effe	ect				<b>Total District</b>				Policy Area of	Effect as Share	of District	
Ward	Community	Hectares of SNA	Hectares of ONL 1	Hectares of ONE	Hectares of	Hectares of SAL	Hectares of SNA	Hectares of ONI	Hectares of ONE	Hectares of	Hectares of SAL	Hectares of SNA H	ectares of ONL He	octares of ONE	Hectares of	Hectares of SA
		(PDP)	(PDP)	(PDP)	Natural Character (PDP)	(PDP)	(PDP)	(PDP)	(PDP)	Natural Character (PDP)	(PDP)	(PDP)	(PDP)	(PDP)	Natural Character (PDP)	(PDP)
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	1,909.22	-	1,177.02	-	259.17	1,909.22	-	1,944.20	-	851.97	100%	0%	61%	0%	
Awaroa ki Tuakau Ward	Pokeno Community	638.02	-	-	-	15.59	638.02	-	-	-	127.39	100%	0%	0%	0%	129
Awaroa ki Tuakau Ward	Tuakau Community	312.58	-	-	-	67.92	312.58	-	-	-	644.78	100%	0%	0%	0%	119
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	121.12	-	-	-	-	121.12	-	-	-	-	100%	0%	0%	0%	09
Whangamarino Ward	Mangatangi Community	12,054.39	11,867.74	-	-	-	12,054.39	12,315.24	-	-	-	100%	96%	0%	0%	09
Whangamarino Ward	Mangatawhiri Community	1,928.42	6.11	1,447.44	-	-	1,928.42	6.11	1,474.55	-	-	100%	100%	98%	0%	
Whangamarino Ward	Maramarua Community	1,385.71	-	146.54	-	1,056.28	1,385.71	-	157.08	-	2,576.43	100%	0%	93%	0%	
Whangamarino Ward	Meremere Community	3,834.58	-	3,633.51	-	-	3,834.58	-	3,777.89	-	109.86	100%	0%	96%	0%	
Whangamarino Ward	Te Kauwhata	2,376.53	-	2,158.90	-	8.63	2,376.53	-	2,255.01	-	114.47	100%	0%	96%	0%	
Onewhero Ward	Glen Murray Community	881.98	-	5.53	-	29.34	881.98	-	5.53	-	29.34	100%	0%	100%	0%	
Onewhero Ward	Onewhero Community	844.31	-	89.14	-	192.58	844.31	-	96.73	-	736.09	100%	0%	92%	0%	
Onewhero Ward	Port Waikato Community	3,846.93	-	113.75	462.70	884.44	3,846.93	-	122.85	630.51	958.06	100%	0%	93%	73%	
Onewhero Ward	Pukekawa-Opuatia Community	1,171.01	-	-	-	242.60	1,171.01	-	-	-	396.09	100%	0%	0%	0%	
Onewhero Ward	Waikaretu Community	752.81	-	-	27.61	28.15	752.81	-	-	88.61	89.68	100%	0%	0%	31%	319
Huntly Ward	Huntly Community	3,241.02	-	2,321.67	-	25.53	3,241.02	-	2,410.06	-	190.24	100%	0%	96%	0%	139
Huntly Ward	Ohinewai Community	607.95	-	455.97	-	94.29	607.95	-	547.81	-	143.74	100%	0%	83%	0%	66%
Hukanui-Waerenga Ward	Gordonton Community	23.97	-	-	-	-	23.97	-	-	-	-	100%	0%	0%	0%	09
Hukanui-Waerenga Ward	Orini-Tauhei Community	188.80	-	-	-	-	188.80	-	-	-	-	100%	0%	0%	0%	09
Hukanui-Waerenga Ward	Waerenga Community	674.25	-	0.02	-	46.43	674.25	-	0.02	-	644.76	100%	0%	100%	0%	79
Hukanui-Waerenga Ward	Waiterimu-Te Hoe Community	2,306.75	-	1,752.13	-	289.25	2,306.75	-	5,204.29	-	2,223.87	100%	0%	34%	0%	139
Ngaruawahia Ward	Horsham Downs Community	28.42	-	-	-	4.49	28.42	-	-	-	60.29	100%	0%	0%	0%	79
Ngaruawahia Ward	Ngaruawahia Community	173.24	-	126.68	-	1.01	173.24	-	126.71	-	40.38	100%	0%	100%	0%	39
Ngaruawahia Ward	Taupiri Community	101.96	-	-	-	-	101.96	-	-	-	6.61	100%	0%	0%	0%	09
Whaingaroa Ward	Naike Community	409.90	-	-	-	-	409.90	-	-	-	-	100%	0%	0%	0%	09
Whaingaroa Ward	Pukemiro Community	351.14	-	233.03	-	-	351.14	-	233.03	-	-	100%	0%	100%	0%	09
Whaingaroa Ward	Rotongaro-Ruawaro Community	1,694.64	-	907.81	-	500.17	1,694.64	-	2,011.95	-	563.98	100%	0%	45%	0%	89%
Whaingaroa Ward	Rotowaro Community	177.51	-	-	-	-	177.51	-	-	-	-	100%	0%	0%	0%	09
Whaingaroa Ward	Te Akau Community	1,891.08	-	188.72	733.13	403.88	1,891.08	-	197.09	975.15	561.19	100%	0%	96%	75%	729
Whaingaroa Ward	Waingaro Community	5,749.13	-	4,101.02	184.88	-	5,749.13	-	4,146.72	299.22	-	100%	0%	99%	62%	09
Whaingaroa Ward	Waitetuna Community	11,152.66	6,492.36	2,823.65	96.81	-	11,152.66	6,563.19	2,835.88	109.98	-	100%	99%	100%	88%	09
Newcastle Ward	Horotiu Community	29.90	-	-	-	-	29.90	-	-	-	-	100%	0%	0%	0%	09
Newcastle Ward	Rotokauri Community	23.94	-	-	-	-	23.94	-	-	-	-	100%	0%	0%	0%	09
Newcastle Ward	Te Kowhai Community	128.11	-	-	-	-	128.11	-	-	-	-	100%	0%	0%	0%	09
Newcastle Ward	Whatawhata-Koromatua Community	61.14	-	-	-	-	61.14	-	-	-	-	100%	0%	0%	0%	09
Eureka Ward	Eureka Community	-	-	-	-	-	-	-	-	-	-	0%	0%	0%	0%	09
Eureka Ward	Matangi Community	33.91	-	-	-	-	33.91	-	-	-	-	100%	0%	0%	0%	09
	Puketaha Community	38.64	-	-	-	-	38.64	-	-	-	-	100%	0%	0%	0%	09
	Tauwhare Community	127.17	-	-	-	-	127.17	-	-	-	-	100%	0%	0%	0%	
	Hautapu Community	160.13	-	-	-	17.05	160.13	-	-	-	41.59	100%	0%	0%	0%	
	Tamahere Community	167.95	-	-	-	13.44	167.95	-	-	-	23.62	100%	0%	0%	0%	
	Raglan Community	939.76	771.78	-	326.18	44.34	939.76	776.00	-	330.05	440.86	100%	99%	0%	99%	
Raglan Ward	Waitetuna-Te Uku Community	7,409.01	3,555.47	1,365.79	2,262.67	593.30	7,409.01	3,562.29	1,431.07	2,645.69	1,537.73	100%	100%	95%	86%	
Total		69,949.69	22,693.46	23,048.32	4,093.98	4,817.88	69,949.69	23,222.83	28,978.47	5,079.21	13,113.02	100%	98%	80%	81%	

Figure 0.12: SNAs - Natural Areas by Ward Summary

		Po	olicy Area of Effe	ect				Total District				Policy Area	of Effect as Shar	e of District	
Ward	Hectares of SNA (PDP)	Hectares of ONL (PDP)	Hectares of ONF (PDP)	Hectares of Natural Character (PDP)	Hectares of SAL (PDP)	Hectares of SNA (PDP)	Hectares of ONL (PDP)	Hectares of ONF (PDP)	Hectares of Natural Character (PDP)	Hectares of SAL (PDP)	Hectares of SNA (PDP)	Hectares of ONL (PDP)	Hectares of ONF (PDP)	Hectares of Natural Character (PDP)	Hectares of SAL (PDP)
Awaroa ki Tuakau Ward	2,980.94	-	1,177.02	-	342.68	2,980.94	-	1,944.20	-	1,624.14	100%	0%	61%	0%	21%
Whangamarino Ward	21,579.63	11,873.85	7,386.39	-	1,064.91	21,579.63	12,321.35	7,664.53	-	2,800.76	100%	96%	96%	0%	38%
Onewhero Ward	7,497.04	-	208.42	490.31	1,377.11	7,497.04	-	225.11	719.12	2,209.26	100%	0%	93%	68%	62%
Huntly Ward	3,848.97	-	2,777.64	-	119.82	3,848.97	-	2,957.87	-	333.98	100%	0%	94%	0%	36%
Hukanui-Waerenga Ward	3,193.77	-	1,752.15	-	335.68	3,193.77	-	5,204.31	-	2,868.63	100%	0%	34%	0%	12%
Ngaruawahia Ward	303.62	-	126.68	-	5.50	303.62	-	126.71	-	107.28	100%	0%	100%	0%	5%
Whaingaroa Ward	21,426.06	6,492.36	8,254.23	1,014.82	904.05	21,426.06	6,563.19	9,424.67	1,384.35	1,125.17	100%	99%	88%	73%	80%
Newcastle Ward	243.09	-	-	-	-	243.09	-	-	-	-	100%	0%	0%	0%	0%
Eureka Ward	199.72	-	-	-	-	199.72	-	-	-	-	100%	0%	0%	0%	0%
Tamahere Ward	328.08	-	-	-	30.49	328.08	-	-	-	65.21	100%	0%	0%	0%	47%
Raglan Ward	8,348.77	4,327.25	1,365.79	2,588.85	637.64	8,348.77	4,338.29	1,431.07	2,975.74	1,978.59	100%	100%	95%	87%	32%
Total	69,949.69	22,693.46	23,048.32	4,093.98	4,817.88	69,949.69	23,222.83	28,978.47	5,079.21	13,113.02	100%	98%	80%	81%	37%

Figure 0.13: SNAs - Environment and Aggregate Extraction by Community Summary

		Po	licy Area of Effe	ect		<b>Total District</b>		Policy Area	of Effect as Sha	re of District
Ward	Community	Hectares of Env. Protection Area (PDP)	Hectares of Aggregate Extraction Area (PDP)	Hectares of Aggregate Resource Area (PDP)	Hectares of Env. Protection Area (PDP)	Aggregate Extraction Area (PDP)	Hectares of Aggregate Resource Area (PDP)	Hectares of Env. Protection Area (PDP)	Hectares of Aggregate Extraction Area (PDP)	(PDP)
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	-	65	-	-	1,517.09	-	0%		
Awaroa ki Tuakau Ward	Pokeno Community	-	-	-	-	34.15	-	0%		
Awaroa ki Tuakau Ward	Tuakau Community	-	-	-	-	17.74	-	0%		
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	-	-	-	-	-	-	0%	0%	09
Whangamarino Ward	Mangatangi Community	-	-	-	-	-	-	0%	0%	0%
Whangamarino Ward	Mangatawhiri Community	-	-	-	-	-	-	0%	0%	0%
Whangamarino Ward	Maramarua Community	-	-	-	-	34.41	-	0%	0%	0%
Whangamarino Ward	Meremere Community	-	1	-	-	21.70	-	0%	5%	0%
Whangamarino Ward	Te Kauwhata	5	-	-	30.58	13.90	-	17%	0%	09
Onewhero Ward	Glen Murray Community	-	-	-	-	-	-	0%	0%	09
Onewhero Ward	Onewhero Community	-	-	-	-	-	-	0%	0%	0%
Onewhero Ward	Port Waikato Community	-	-	-	-	-	-	0%	0%	0%
Onewhero Ward	Pukekawa-Opuatia Community	-	0	-	-	26.43	-	0%	0%	0%
Onewhero Ward	Waikaretu Community	-	-	-	-	6.38	-	0%		
Huntly Ward	Huntly Community	-	1	3	-	113.53	70.55	0%		
Huntly Ward	Ohinewai Community	_	_	_	_	-	-	0%		
Hukanui-Waerenga Ward	Gordonton Community	_	_	_	_	-	_	0%		
Hukanui-Waerenga Ward	Orini-Tauhei Community	_	23	_	_	59.79	_	0%		
Hukanui-Waerenga Ward	Waerenga Community	_	-	_	_	41.76	_	0%		
Hukanui-Waerenga Ward	Waiterimu-Te Hoe Community	_	_	_	_	-	_	0%		
Ngaruawahia Ward	Horsham Downs Community	_	_	_	_	_	_	0%		
Ngaruawahia Ward	Ngaruawahia Community	_	1	_	_	35.19	_	0%		
Ngaruawahia Ward	Taupiri Community	_		_	_	-	_	0%		
Whaingaroa Ward	Naike Community	_	_	_	_	_	_	0%		
Whaingaroa Ward	Pukemiro Community	_	-	_	_	13.05	_	0%		
Whaingaroa Ward	Rotongaro-Ruawaro Community	_	_	_	_	-	_	0%		
Whaingaroa Ward	Rotowaro Community	_		_	-	_	_	0%		
Whaingaroa Ward	Te Akau Community	<u> </u>	-	_	-	-				
	Waingaro Community			_	_		-	0%		
Whaingaroa Ward		-	-	-		0.72		0%		
Whaingaroa Ward	Waitetuna Community	-	-	-	-	0.72	-			
Newcastle Ward	Horotiu Community	-	-	-	-	-	-	0%		
Newcastle Ward	Rotokauri Community	-	-	-	-	70.42	-	0%		
Newcastle Ward	Te Kowhai Community	-	2	-	-	78.43	-	0%		
Newcastle Ward	Whatawhata-Koromatua Community	-	-	-	-	-	-	0%		
Eureka Ward	Eureka Community	-	-	-	-	-	-	0%		
Eureka Ward	Matangi Community	-	-	-	-	-	-	0%		
Eureka Ward	Puketaha Community	-	-	-	-	-	-	0%		
Eureka Ward	Tauwhare Community	-	-	-	-	-	-	0%		
Tamahere Ward	Hautapu Community	-	7	-	-	85.36	-	0%		
Tamahere Ward	Tamahere Community	-	-	-	-	-	-	0%		
Raglan Ward	Raglan Community	-	-	-	-	-	-	0%		
Raglan Ward	Waitetuna-Te Uku Community	-	-	-	-	13.03	-	0%	0%	09
Total		5.16	98.69	2.78	30.58	2,112.66	70.55	17%	5%	4

Figure 0.14: SNAs - Environment and Aggregate Extraction by Ward Summary

	Po	olicy Area of Effe	ect		Total District		Policy Area	of Effect as Shar	e of District
Ward	Hectares of Env. Protection Area (PDP)	Hectares of Aggregate Extraction Area (PDP)	Hectares of Aggregate Resource Area (PDP)	Hectares of Env. Protection Area (PDP)	Hectares of Aggregate Extraction Area (PDP)	Hectares of Aggregate Resource Area (PDP)	Hectares of Env. Protection Area (PDP)	Hectares of Aggregate Extraction Area (PDP)	Hectares of Aggregate Resource Area (PDP)
Awaroa ki Tuakau Ward	-	64.52	-	-	1,568.98	-	0%	4%	0%
Whangamarino Ward	5.16	1.18	-	30.58	70.01	-	17%	2%	0%
Onewhero Ward	-	0.01	-	-	32.81	-	0%	0%	0%
Huntly Ward	-	0.88	2.78	-	113.53	70.55	0%	1%	4%
Hukanui-Waerenga Ward	-	22.80	-	-	101.55	-	0%	22%	0%
Ngaruawahia Ward	-	1.16	-	-	35.19	-	0%	3%	0%
Whaingaroa Ward	-	-	-	-	13.77	-	0%	0%	0%
Newcastle Ward	-	1.55	-	-	78.43	-	0%	2%	0%
Eureka Ward	-	-	-	-	-	-	0%	0%	0%
Tamahere Ward	-	6.59	-	-	85.36	-	0%	8%	0%
Raglan Ward	-	-	-	-	13.03	-	0%	0%	0%
Total	5.16	98.69	2.78	30.58	2,112.66	70.55	17%	5%	4%

## 3.3.2 Communities or Groups and Cultural/Heritage Assets Directly Affected

Figure 0.15: SNAs - Community Property Summary

			Policy Are	ea of Effect			Total I	District		Police	y Area of Effect	t as Share of Dist	rict
Ward	Community	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	1,431.19	249	612	226	13,863.05	785.00	1,953	720	2%	32%	73%	31%
Awaroa ki Tuakau Ward	Pokeno Community	606.51	126	348	124	4,711.15	1,667	2,337	832	13%	8%	15%	15%
Awaroa ki Tuakau Ward	Tuakau Community	290.88	144	359	129	5,475.69	2,563.00	6,742	2,418	5%	6%	5%	5%
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	110.25	89	176	70	2,519.28	362	764	295	4%	25%	23%	24%
Whangamarino Ward	Mangatangi Community	12,016.26	35	90	34	17,589.56	114	298	111	68%	31%	30%	30%
Whangamarino Ward	Mangatawhiri Community	1,755.84	81	204	76	10,842.27	421	1,059	391	16%	19%	19%	19%
Whangamarino Ward	Maramarua Community	1,338.05	101	153	56	11,473.21	443	833	306	12%	23%	18%	18%
Whangamarino Ward	Meremere Community	4,505.43	50	59	22	7,364.42	430	802	275	61%	12%	7%	8%
Whangamarino Ward	Te Kauwhata	1,451.74	91	179	51	13,446.95	1,486	3,031	1,032	11%	6%	6%	5%
Onewhero Ward	Glen Murray Community	881.07	70	161	60	18,148.00	178	362	135	5%	39%	44%	44%
Onewhero Ward	Onewhero Community	848.28	100	247	93	18,763.09	672	1,600	601	5%	15%	15%	15%
Onewhero Ward	Port Waikato Community	3,748.90	78	109	41	13,658.20	582	777	293	27%	13%	14%	14%
Onewhero Ward	Pukekawa-Opuatia Community	1,144.66	155	284	107	13,202.27	675	1,356	511	9%	23%	21%	21%
Onewhero Ward	Waikaretu Community	790.04	24	62	23	7,978.06	56	99	37	10%	43%	62%	62%
Huntly Ward	Huntly Community	3,225.69	192	279	103	16,404.50	3,808	8,722	3,168	20%	5%	3%	3%
Huntly Ward	Ohinewai Community	502.58	31	74	21	4,998.47	167	439	127	10%	19%	17%	17%
·	Gordonton Community	23.21	20	71	23	10,755.18	563	2,034	653	0%	4%	4%	4%
	Orini-Tauhei Community	178.43	49	204	70	17,796.13	541	1,620	556	1%	9%	13%	13%
Hukanui-Waerenga Ward	-	600.62	62	204	56	17,983.40	351	971	273	3%	18%	21%	21%
_	Waiterimu-Te Hoe Community	2,470.83	70		49	22,337.64	270	736	211	11%	26%	24%	23%
Ngaruawahia Ward	Horsham Downs Community	21.34	14		16	3,831.74	760	1,766	636	1%	2%	3%	3%
Ngaruawahia Ward	Ngaruawahia Community	148.88	48		79	2,575.22	2,431	6,869	2,392	6%	2%	3%	3%
Ngaruawahia Ward	Taupiri Community	50.28	53		42	2,896.17	436	986	376	2%	12%	12%	119
Whaingaroa Ward	Naike Community	430.71	38		36	11,120.79	87	185	71	4%	44%	51%	51%
Whaingaroa Ward	Pukemiro Community	180.31	28	56	21	5,608.75	264	473	177	3%	11%	12%	129
Whaingaroa Ward	Rotongaro-Ruawaro Community	1,644.18	115	197	75	13,499.61	314	529	200	12%	37%	37%	37%
Whaingaroa Ward	Rotowaro Community	165.69	12	34	13	2,087.83	104	223	83	8%	12%	15%	15%
Whaingaroa Ward	Te Akau Community	3,157.04	233	212	82	112,760.99	358	397	153	3%	65%	53%	53%
Whaingaroa Ward	Waingaro Community	5,726.94	173	287	108	21,242.43	483	877	327	27%	36%	33%	33%
Whaingaroa Ward	Waitetuna Community	11,453.68	146		119	28,121.13	839	1,749	653	41%	17%	18%	189
Newcastle Ward	Horotiu Community	26.06	11	38	14	1,104.67	157	351	131	2%	7%	11%	119
Newcastle Ward	Rotokauri Community	22.15	6	9	3	1,626.09	355	1,000	350	1%	2%	1%	1%
Newcastle Ward	Te Kowhai Community	152.58	169	433	162	4,858.01	810	1,977	736	3%	21%	22%	22%
Newcastle Ward	Whatawhata-Koromatua Community	57.72	40		38	2,848.96	564	1,534	535	2%	7%	7%	7%
Eureka Ward	Eureka Community	-	-	-	-	6,607.11	447	1,376	487	0%	0%	0%	0%
Eureka Ward	Matangi Community	31.30	29	75	27	2,717.20	727	2,106	739	1%	4%	4%	4%
Eureka Ward	Puketaha Community	36.27	18		21	4,720.69	343	1,055	374	1%	5%	6%	6%
Eureka Ward	Tauwhare Community	126.66	4	10	3	6,332.56	410	1,149	396	2%	1%	1%	1%
Tamahere Ward	Hautapu Community	142.93	154	391	135	3,790.18	894	2,505	862	4%	17%	16%	16%
Tamahere Ward	Tamahere Community	152.12	296		311	1,584.68	1,215	3,174	1,103	10%	24%		289
Raglan Ward	Raglan Community	797.66	191		117	3,805.21	2,326	3,792	1,592	21%	8%	8%	79
Raglan Ward	Waitetuna-Te Uku Community	7,399.65	201		107	29,007.92	651	991	370	26%	31%		29%
Other not specified	Other not specified	41.17	7		-	1,173.37	20	-	-	4%	35%	0%	0%
Total		69,885.78	3,803		2,962	523,231.83	31,129	71,601	25,686	13%	12%		

Source: WDC Baseline Database, Statistics NZ, M.E (July 2017 Property Snapshot). 2016 household and population counts at the property level are estimates only and may not accurately reflect household and population counts and distributions across properties in all cases

Figure 0.16: SNAs - Ward Property Summary

		Policy Are	a of Effect			Total [	District		Polic	y Area of Effect	as Share of Dist	trict
Ward	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016	Hectares of Properties	Count of Properties	Count of Estimated Pop. 2016	Count of Estimated Hholds. 2016
Awaroa ki Tuakau Ward	2,438.83	608	1,495	548	26,569.17	5,377	11,797	4,264	9%	11%	13%	13%
Whangamarino Ward	21,067.32	358	686	238	60,716.41	2,894	6,023	2,115	35%	12%	11%	11%
Onewhero Ward	7,412.95	427	863	324	71,749.62	2,163	4,194	1,577	10%	20%	21%	21%
Huntly Ward	3,728.27	223	353	124	21,402.97	3,975	9,162	3,295	17%	6%	4%	4%
Hukanui-Waerenga Ward	3,273.09	201	657	199	68,872.35	1,725	5,361	1,693	5%	12%	12%	12%
Ngaruawahia Ward	220.50	115	382	137	9,303.13	3,627	9,621	3,404	2%	3%	4%	4%
Whaingaroa Ward	22,758.55	745	1,199	454	194,441.53	2,449	4,433	1,664	12%	30%	27%	27%
Newcastle Ward	258.51	226	590	218	10,437.73	1,886	4,861	1,752	2%	12%	12%	12%
Eureka Ward	194.23	51	145	51	20,377.56	1,927	5,687	1,996	1%	3%	3%	3%
Tamahere Ward	295.05	450	1,288	446	5,374.86	2,109	5,679	1,965	5%	21%	23%	23%
Raglan Ward	8,197.31	392	597	225	32,813.13	2,977	4,783	1,961	25%	13%	12%	11%
Other not specified	41.17	7	-	-	1,173.37	20	-	-	4%	35%	0%	0%
Total	69,885.78	3,803	8,255	2,962	523,231.83	31,129	71,601	25,686	13%	12%	12%	12%

Source: WDC Baseline Database, Statistics NZ, M.E (July 2017 Property Snapshot). 2016 household and population counts at the property level are estimates only and may not accurately reflect household and population counts and distributions across properties in all cases

Figure 0.17: SNAs - Maaori Properties by Community Summary

			Policy Are	ea of Effect			Total	District		Polic	y Area of Effe	ct as Share of Disti	rict
Ward	Community		Hectares of	Count of Maaori	Count of Maaori		Hectares of	Count of Maaori	Count of Maaori		Hectares of	Count of Maaori C	Count of Maao
		Count of Maaori Land Properties	Maaori Land	Site of Sig. Paa	Site of Sig. Other	Count of Maaori Land Properties	Maaori Land		Site of Sig. Other	Count of Maaori Land Properties	Maaori Land		ite of Sig. Othe
			Properties	(PDP)	(PDP)		Properties	(PDP)	(PDP)		Properties	(PDP)	(PDP)
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	10	170.41	10		16	285.40	18	-	63%	60%		09
Awaroa ki Tuakau Ward	Pokeno Community	-	-	5		-	-	6	-	0%	0%		0%
Awaroa ki Tuakau Ward	Tuakau Community	1	24.49	1		3	36.54	1	-	33%	67%		0%
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	-	-	4		-	-	4	-	0%	0%		0%
Whangamarino Ward	Mangatangi Community	5	135.83	7	-	15	151.51	10	-	33%	90%	6 70%	0%
Whangamarino Ward	Mangatawhiri Community	2	161.22	2	1	3	179.41	7	1	67%	90%	29%	100%
Whangamarino Ward	Maramarua Community	3	88.91	4	-	7	125.29	7	-	43%	71%	57%	0%
Whangamarino Ward	Meremere Community	1	111.76	3	-	2	116.65	7	6	50%	96%	43%	0%
Whangamarino Ward	Te Kauwhata	4	47.15	1	1	37	170.04	3	8	11%	28%	33%	13%
Onewhero Ward	Glen Murray Community	7	115.88	-	-	8	115.98	-	-	88%	100%	6 0%	0%
Onewhero Ward	Onewhero Community	8	159.70	4	-	92	1,193.87	6	-	9%	13%	67%	0%
Onewhero Ward	Port Waikato Community	39	10,139.11	31	-	56	10,245.09	32	-	70%	99%	97%	0%
Onewhero Ward	Pukekawa-Opuatia Community	14	302.45	8	-	29	446.09	12	-	48%	68%	67%	0%
Onewhero Ward	Waikaretu Community	11	3,150.49	14	-	25	3,491.17	14	-	44%	90%	6 100%	0%
Huntly Ward	Huntly Community	26	284.89	10	1	105	430.93	12	4	25%	66%	83%	25%
Huntly Ward	Ohinewai Community	1	25.36	1	1	9	145.73	1	11	11%	17%	6 100%	9%
Hukanui-Waerenga Ward	·	-	-	_	-	29	91.34	1	_	0%	0%		0%
	Orini-Tauhei Community	1	0.61	3	_	17	94.97	3	_	6%	1%		0%
Hukanui-Waerenga Ward	•	_	-	4		14	161.38	8		0%	0%		0%
_	Waiterimu-Te Hoe Community	13	1,328.92	7		36	1,609.91	8		36%	83%		100%
Ngaruawahia Ward	Horsham Downs Community			1		-	-	2		0%	0%		0%
Ngaruawahia Ward	Ngaruawahia Community	3	44.30		_	18	69.59	1	3	17%	64%		0%
Ngaruawahia Ward	Taupiri Community	_		2	_	10	3.86	2		0%	0%		0%
Whaingaroa Ward	Naike Community	_		-	_	3	28.74	_	_	0%	0%		0%
Whaingaroa Ward	Pukemiro Community	1	44.85	_	_	3	84.03	_	_	33%	53%		0%
Whaingaroa Ward	Rotongaro-Ruawaro Community	11	235.27	7	1	51	411.46	7	1	22%	57%		100%
Whaingaroa Ward	Rotowaro Community	-	233.27		_	-			_	0%	0%		0%
Whaingaroa Ward	Te Akau Community	35	2,793.34	36		46	2,961.64	38	4	76%	94%		75%
Whaingaroa Ward	Waingaro Community		3,194.36	5	-	56	3,271.36	-	-	68%	98%		
_		38	3,583.87	6		107	3,828.25	5 8	-	21%	94%		0%
Whaingaroa Ward	Waitetuna Community		-				-	0	-				0%
Newcastle Ward	Horotiu Community	1	12.44	-	-	8	13.71	-	-	13%	91%		0%
Newcastle Ward	Rotokauri Community	-	-	1	-	-	74.65	1	-	0%	0%		0%
Newcastle Ward	Te Kowhai Community	6	56.02	3	-	15	74.65	4	-	40%	75%		0%
Newcastle Ward	Whatawhata-Koromatua Community	-	-	1	-	19	18.75	4	-	0%	0%		0%
Eureka Ward	Eureka Community	-	-	-	-	-	-	1	-	0%	0%		0%
Eureka Ward	Matangi Community	1	10.05	1	-	16	57.07	1	-	6%	18%		0%
Eureka Ward	Puketaha Community	-	-	-	-	-	-	-	-	0%	0%		0%
Eureka Ward	Tauwhare Community	-	-	-	-	56	1,105.99	-	1	0%	0%		0%
Tamahere Ward	Hautapu Community	1	0.10	13		1	0.10	15		100%	100%		100%
Tamahere Ward	Tamahere Community	1	4.31	5		1	4.31	6		100%	100%		100%
Raglan Ward	Raglan Community	41	655.99	7		57	740.03	12		72%	89%		33%
Raglan Ward	Waitetuna-Te Uku Community	46	2,443.78	34	3	62	2,674.39	35	3	74%	91%		100%
Other not specified	Other not specified	-	-	-	-	-	-	-	-	0%	0%	6 0%	0%
Total		353	29,325.86	241	43	1,032	34,439.23	302	78	34%	85%	6 80%	559

Figure 0.18: SNAs - Maaori Properties by Ward Summary

		Policy Are	a of Effect			Total	District		Polic	y Area of Effec	t as Share of Dis	strict
Ward	Count of Maaori Land Properties	Hectares of Maaori Land Properties	Count of Maaori Site of Sig. Paa (PDP)	Count of Maaori Site of Sig. Other (PDP)	Count of Maaori Land Properties	Hectares of Maaori Land Properties	Count of Maaori Site of Sig. Paa (PDP)	Count of Maaori Site of Sig. Other (PDP)	Count of Maaori Land Properties	Hectares of Maaori Land Properties		Count of Maaori Site of Sig. Other (PDP)
Awaroa ki Tuakau Ward	11	194.90	20	-	19	321.94	29	-	58%	61%	69%	0%
Whangamarino Ward	15	544.87	17	2	64	742.90	34	15	23%	73%	50%	13%
Onewhero Ward	79	13,867.63	57	-	210	15,492.20	64	-	38%	90%	89%	0%
Huntly Ward	27	310.25	11	2	114	576.66	13	15	24%	54%	85%	13%
Hukanui-Waerenga Ward	14	1,329.53	14	26	96	1,957.60	20	26	15%	68%	70%	100%
Ngaruawahia Ward	3	44.30	3	-	28	73.45	5	5	11%	60%	60%	0%
Whaingaroa Ward	107	9,851.69	54	4	266	10,585.48	58	5	40%	93%	93%	80%
Newcastle Ward	7	68.46	5	-	42	107.11	9	-	17%	64%	56%	0%
Eureka Ward	1	10.05	1	-	72	1,163.06	2	1	1%	1%	50%	0%
Tamahere Ward	2	4.41	18	5	2	4.41	21	5	100%	100%	86%	100%
Raglan Ward	87	3,099.77	41	4	119	3,414.42	47	6	73%	91%	87%	67%
Other not specified	-	-	-	-	-	-	-	-	0%	0%	0%	0%
Total	353	29,325.86	241	43	1,032	34,439.23	302	78	34%	85%	80%	55%

Figure 0.19: SNAs - Heritage and Trees by Community Summary

			Policy Are	a of Effect			Total D	District		Poli	cy Area of Effect	as Share of Dis	trict
Community	Community	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	32	-	-	-	48	1	-	-	67%	0%	0%	
Awaroa ki Tuakau Ward	Pokeno Community	14	-	-	-	27	7	-	6	52%	0%	0%	
Awaroa ki Tuakau Ward	Tuakau Community	21	1	-	-	24	14	_	2	88%	7%	0%	
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	6	_	_	_	6	1	_	_	100%	0%	0%	
Whangamarino Ward	Mangatangi Community	33	-	-	-	49	-	-	_	67%	0%	0%	
Whangamarino Ward	Mangatawhiri Community	18	-	-	_	28	_	_	_	64%	0%	0%	
Whangamarino Ward	Maramarua Community	7	-	-	_	14	3	_	_	50%	0%	0%	
Whangamarino Ward	Meremere Community	7	_	_	2	15	2	_	2		0%	0%	
Whangamarino Ward	Te Kauwhata	19	_	_		31	12	2	2	61%	0%	0%	
Onewhero Ward	Glen Murray Community	1	_	_	_	1	-	-		100%	0%	0%	
Onewhero Ward	Onewhero Community	6	1	_	_	11	4	_	_	55%	25%	0%	
Onewhero Ward	Port Waikato Community	116	1	-	_	121	3	_	_	96%	33%	0%	
Onewhero Ward	Pukekawa-Opuatia Community	24		-	_	30	2	-	_	80%	0%	0%	
Onewhero Ward	Waikaretu Community	55	-			56			-	98%	0%	0%	
	·		-	-	-		-	-	- 17				
Huntly Ward	Huntly Community	33	-	-	5	67	28	1	17	49%	0%	0%	
Huntly Ward	Ohinewai Community	8	-	-	-	15	-	-	-	53%	0%	0%	
Hukanui-Waerenga Ward	Gordonton Community	3	-	-	-	21	6	-	6	14%	0%	0%	
Hukanui-Waerenga Ward		5	-	-	-	7	-	-	-	71%	0%	0%	
Hukanui-Waerenga Ward		5	1	-	-	11	4	-	1	45%	25%	0%	
Hukanui-Waerenga Ward	Waiterimu-Te Hoe Community	14	-	-	-	16	-	-	-	88%	0%	0%	
Ngaruawahia Ward	Horsham Downs Community	7	-	-	-	35	1	-	-	20%	0%	0%	
Ngaruawahia Ward	Ngaruawahia Community	3	11	-	2	34	47	_	9	9%	23%	0%	
Ngaruawahia Ward	Taupiri Community	13	-	-	4	28	7	-	4	46%	0%	0%	
Whaingaroa Ward	Naike Community	3	-	-	1	3	-	-	1	100%	0%	0%	
Whaingaroa Ward	Pukemiro Community	18	1	-	-	23	1	-	-	78%	100%	0%	0%
Whaingaroa Ward	Rotongaro-Ruawaro Community	19	-	-	-	23	-	-	-	83%	0%	0%	0%
Whaingaroa Ward	Rotowaro Community	-	-	_	-	2	-	_	-	0%	0%	0%	0%
Whaingaroa Ward	Te Akau Community	308	1	-	-	318	3	-	-	97%	33%	0%	0%
Whaingaroa Ward	Waingaro Community	8	1	-	-	8	8	-	-	100%	13%	0%	0%
Whaingaroa Ward	Waitetuna Community	20	-	-	-	23	-	-	-	87%	0%	0%	0%
Newcastle Ward	Horotiu Community	3	-	-	2	5	-	-	2	60%	0%	0%	100%
Newcastle Ward	Rotokauri Community	1	-	-	-	1	-	-	-	100%	0%	0%	
Newcastle Ward	Te Kowhai Community	7	-	-	-	11	2	-	-	64%	0%	0%	
Newcastle Ward	Whatawhata-Koromatua Community	2	-	-	-	7	1	_	-	29%		0%	
Eureka Ward	Eureka Community	_	-	-	-	1	1	_	3	0%		0%	
Eureka Ward	Matangi Community	1	-	-	-	1	12	1	_	100%	0%	0%	
Eureka Ward	Puketaha Community	_	_	_	3		4		4	0%		0%	
Eureka Ward	Tauwhare Community	_	_	_		_	2	_	_	0%	0%	0%	
Tamahere Ward	Hautapu Community	39	1	_	2	79	2	_	10	49%	50%	0%	
Tamahere Ward	Tamahere Community	13	_		2	19	2	_	10	68%	0%	0%	
Raglan Ward	Raglan Community	43	4		2	71	16			61%		0%	
Raglan Ward	Waitetuna-Te Uku Community	178	4		3	191	9		3	93%		0%	
-				-	-			-	-				
Other Not Specified Total	Other not specified	1,113	27	-	26	1,481	205	3	80	0% 75%		0% 0%	

Figure 0.20: SNAs - Heritage and Trees by Ward Summary

		Policy Are	a of Effect			Total D	istrict		Poli	cy Area of Effect	as Share of Dis	trict
Ward	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)	Count of NZAA Sites (PDP)	Count of Heritage Items (PDP)	Hectares of Heritage Precinct	Count of Notable Trees (PDP)
Awaroa ki Tuakau Ward	73	1	-	-	105	23	-	8	70%	4%	0%	0%
Whangamarino Ward	84	-	-	2	137	17	2	4	61%	0%	0%	50%
Onewhero Ward	202	2	-	-	219	9	-	-	92%	22%	0%	0%
Huntly Ward	41	-	-	5	82	28	1	17	50%	0%	0%	29%
Hukanui-Waerenga Ward	27	1	-	-	55	10	-	7	49%	10%	0%	0%
Ngaruawahia Ward	23	11	-	6	97	55	-	13	24%	20%	0%	46%
Whaingaroa Ward	376	3	-	1	400	12	-	1	94%	25%	0%	100%
Newcastle Ward	13	-	-	2	24	3	-	2	54%	0%	0%	100%
Eureka Ward	1	-	-	3	2	19	1	7	50%	0%	0%	43%
Tamahere Ward	52	1	-	4	98	4	-	16	53%	25%	0%	25%
Raglan Ward	221	8	-	3	262	25	-	5	84%	32%	0%	60%
Other not specified	-	-	-	-	-	-	-	-	0%	0%	0%	0%
Total	1,113	27	-	26	1,481	205	3	80	75%	13%	0%	33%

Figure 0.21: SNAs - Area of Effect Other Property Categories by Community Summary

					Po	olicy Area of Effe	ect			
Ward	Community	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	5	1	-	4	6	-	-	-	458
Awaroa ki Tuakau Ward	Pokeno Community	14	-	-	1	3	-	1	-	185
Awaroa ki Tuakau Ward	Tuakau Community	3	-	-	-	1	-	-	-	245
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	-	-	-	1	2	-	-	-	151
Whangamarino Ward	Mangatangi Community	-	-	-	5	-	-	-	-	50
Whangamarino Ward	Mangatawhiri Community	2	-	-	2	2	-	-	-	139
Whangamarino Ward	Maramarua Community	-	-	_	6	-	-	-	-	170
Whangamarino Ward	Meremere Community	1	-	-	4	-	1	1	-	72
Whangamarino Ward	Te Kauwhata	7	3	-	5	1	1	-	-	127
Onewhero Ward	Glen Murray Community	1	-	-	-	5	-	-	-	116
Onewhero Ward	Onewhero Community	1	-	-	-	10	-	-	-	171
Onewhero Ward	Port Waikato Community	5	-	-	5	2	1	-	1	109
Onewhero Ward	Pukekawa-Opuatia Community	1	-	-	-	6	-	-	-	283
Onewhero Ward	Waikaretu Community	1	-	-	2	6	-	-	-	42
Huntly Ward	Huntly Community	20	9	-	7	2	4	5	1	249
Huntly Ward	Ohinewai Community	5	-	-	5	-	1	-	-	33
Hukanui-Waerenga Ward	Gordonton Community	3	-	-	-	-	1	-	-	34
Hukanui-Waerenga Ward		1	-	-	1	1	2	1	-	71
Hukanui-Waerenga Ward		2	_	-	_	-	1	-	_	90
Hukanui-Waerenga Ward		2	-	_	3	2	2	-	-	111
Ngaruawahia Ward	Horsham Downs Community	1	_	_	2	_	1	_	_	14
Ngaruawahia Ward	Ngaruawahia Community	5	_	_	_	_	2	_	_	81
Ngaruawahia Ward	Taupiri Community	7	_	_	_	_		1	_	74
Whaingaroa Ward	Naike Community	_	_	_	_	2	1	_	_	66
Whaingaroa Ward	Pukemiro Community	_	_	_	1	_		_	_	38
Whaingaroa Ward	Rotongaro-Ruawaro Community	5	7	_	4	_	2	_	_	162
Whaingaroa Ward	Rotowaro Community			_		1		_	_	18
Whaingaroa Ward	Te Akau Community	3	_	_	1	4	1	_	_	462
Whaingaroa Ward	Waingaro Community	7	_	_	3	5	2	_	_	257
Whaingaroa Ward	Waitetuna Community	5	_	_	6	5	3	_	_	223
Newcastle Ward	Horotiu Community		_	_				_	_	13
Newcastle Ward	Rotokauri Community	2	_	_	_	_	_	_	_	13
Newcastle Ward	Te Kowhai Community	2	_	_	_	3	1	_	1	281
Newcastle Ward	Whatawhata-Koromatua Community	2	_	_	_	3		_		76
Eureka Ward	Eureka Community		-	-	_	3	-	_		70
Eureka Ward	Matangi Community	2	_	_	_	1	1	_	-	54
Eureka Ward						1			- 1	
	Puketaha Community	-	-	-	-	1	-	-	1	33
Eureka Ward	Tauwhare Community	- 44	-	-	1	<u>-</u>	-	-	-	300
Tamahere Ward	Hautapu Community	11	-	-	1	-	-	1	-	290
Tamahere Ward	Tamahere Community	17	-	-	-	3	-	5	-	596
Raglan Ward	Raglan Community	22	-	-	4	1	2	-	1	284
Raglan Ward	Waitetuna-Te Uku Community	6	-	-	8	8	4	-	-	326
	Other not specified	3 174	20	-	82	- 86	34	15	5	6,277

Figure 0.22: SNAs - Area of Effect Other Property Categories by Ward Summary

				Po	licy Area of Effe	ect			
Ward	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	22	1	-	6	12	-	1	-	1,039
Whangamarino Ward	10	3	-	22	3	2	1	-	558
Onewhero Ward	9	-	-	7	29	1	-	1	721
Huntly Ward	25	9	-	12	2	5	5	1	282
Hukanui-Waerenga Ward	8	-	-	4	3	6	1	-	306
Ngaruawahia Ward	13	-	-	2	-	3	1	-	169
Whaingaroa Ward	20	7	-	15	17	9	-	-	1,226
Newcastle Ward	6	-	-	-	6	1	-	1	379
Eureka Ward	2	-	-	1	2	1	-	1	93
Tamahere Ward	28	-	-	1	3	-	6	-	886
Raglan Ward	28	-	-	12	9	6	-	1	610
Other not specified	3	-	-	-	-	-	-	-	8
Total	174	20		82	86	34	15	5	6,277

Figure 0.23: SNAs - Property Categories by Community Summary

						Total District				
Ward	Community	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	13	2	-	5	7	1	-	5	1,391
Awaroa ki Tuakau Ward	Pokeno Community	72	1	-	3	5	2	8	1	2,797
Awaroa ki Tuakau Ward	Tuakau Community	38	-	40	1	1	-	-	3	4,154
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	2	-	-	4	2	1	-	-	642
Whangamarino Ward	Mangatangi Community	3	-	-	5	-	-	-	1	183
Whangamarino Ward	Mangatawhiri Community	7	3	-	2	2	-	11	1	684
Whangamarino Ward	Maramarua Community	9	-	-	6	-	2	13	-	701
Whangamarino Ward	Meremere Community	12	2	-	8	-	5	9	2	611
Whangamarino Ward	Te Kauwhata	40	3	4	9	1	4	49	4	2,325
Onewhero Ward	Glen Murray Community	5	-	-	3	5	1	-	-	274
Onewhero Ward	Onewhero Community	8	-	-	-	12	2	-	3	1,173
Onewhero Ward	Port Waikato Community	18	-	-	5	2	1	-	1	954
Onewhero Ward	Pukekawa-Opuatia Community	9	2	-	2	6	2	-	1	1,188
Onewhero Ward	Waikaretu Community	6	-	-	2	6	-	-	2	90
Huntly Ward	Huntly Community	119	33	200	12	2	73	12	14	5,333
Huntly Ward	Ohinewai Community	9	1	-	6	-	2	9	1	245
Hukanui-Waerenga Ward	Gordonton Community	17	_	2	-	_	4	4	2	1,018
Hukanui-Waerenga Ward	Orini-Tauhei Community	12	5	_	1	1	13	5	1	886
Hukanui-Waerenga Ward	Waerenga Community	9		_	1	1	3	3	1	547
Hukanui-Waerenga Ward	Waiterimu-Te Hoe Community	9	_	_	3	11	3	_	1	432
Ngaruawahia Ward	Horsham Downs Community	20	_	_	2	1	1	29	3	1,347
Ngaruawahia Ward	Ngaruawahia Community	69	_	96	1		5	1	6	3,706
Ngaruawahia Ward	Taupiri Community	27	_	1		_	2	7	1	709
Whaingaroa Ward	Naike Community	3	_		_	2	3	,		141
Whaingaroa Ward	Pukemiro Community	7	_	_	1		2	_	1	353
Whaingaroa Ward	Rotongaro-Ruawaro Community	10	15	_	6	_	4	_		511
Whaingaroa Ward	Rotowaro Community	2	- 13	-	0	1	4	-		151
Whaingaroa Ward	Te Akau Community	12		_	1	6	3	1	1	654
Whaingaroa Ward	,	20	-	-	3	5	4		_	
Whaingaroa Ward	Waitatura Community	24	-	-	7	7	5	2	2	755
Newcastle Ward	Waitetuna Community		-	-	/	/	3	1	1	1,478 280
Newcastle Ward	Horotiu Community	7	-	-	-	-	-	3	-	717
	Rotokauri Community		-	-	-	-	1	1	1	
Newcastle Ward	Te Kowhai Community	15	-	-	1	3	3	-	1	1,530
Newcastle Ward	Whatawhata-Koromatua Community	7	-	-	4	4	3	-	1	1,057
Eureka Ward	Eureka Community	3	-	-	-	-	-	-	-	863
Eureka Ward	Matangi Community	16	-	-	-	1	2	-	1	1,376
Eureka Ward	Puketaha Community	1	-	-	-	1	1	13	1	640
Eureka Ward	Tauwhare Community	3	-	-	1	1	2	-	1	781
Tamahere Ward	Hautapu Community	12	-	-	1	-	-	29	-	1,740
Tamahere Ward	Tamahere Community	32	-	-	-	3	-	17	2	2,406
Raglan Ward	Raglan Community	84	-	11	6	2	3	-	5	4,022
Raglan Ward	Waitetuna-Te Uku Community	25	-	-	10	8	12	-	2	1,076
	Other not specified	3	-	-	-		1	3	-	20
Total		820	67	354	122	109	176	230	74	51,941

Figure 0.24: SNAs - Property Categories by Ward Summary

					Total District				
Ward	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	125	3	40	13	15	4	8	9	8,984
Whangamarino Ward	71	8	4	30	3	11	82	8	4,504
Onewhero Ward	46	2	-	12	31	6	-	7	3,679
Huntly Ward	128	34	200	18	2	75	21	15	5,578
Hukanui-Waerenga Ward	47	5	2	5	13	23	12	5	2,883
Ngaruawahia Ward	116	-	97	3	1	8	37	10	5,762
Whaingaroa Ward	78	15	-	18	21	21	4	5	4,043
Newcastle Ward	30	-	-	5	7	7	4	3	3,584
Eureka Ward	23	-	-	1	3	5	13	3	3,660
Tamahere Ward	44	-	-	1	3	-	46	2	4,146
Raglan Ward	109	-	11	16	10	15	-	7	5,098
Other not specified	3	-	-	-	-	1	3	-	20
Total	820	67	354	122	109	176	230	74	51,941

Figure 0.25: SNAs - Policy Area Effect as Share of District, Other Property Categories by Community Summary

					Policy Area	of Effect as Shar	e of District			
Ward	Community	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	Otaua-Aka Aka Community	38%	50%	0%	80%	86%	0%	0%	0%	33%
Awaroa ki Tuakau Ward	Pokeno Community	19%	0%	0%	33%	60%	0%	13%	0%	7%
Awaroa ki Tuakau Ward	Tuakau Community	8%	0%	0%	0%	100%	0%	0%	0%	6%
Awaroa ki Tuakau Ward	Waiuku-Karioitahi Community	0%	0%	0%	25%	100%	0%	0%	0%	24%
Whangamarino Ward	Mangatangi Community	0%	0%	0%	100%	0%	0%	0%	0%	27%
Whangamarino Ward	Mangatawhiri Community	29%	0%	0%	100%	100%	0%	0%	0%	20%
Whangamarino Ward	Maramarua Community	0%	0%	0%	100%	0%	0%	0%	0%	24%
Whangamarino Ward	Meremere Community	8%	0%	0%	50%	0%	20%	11%	0%	12%
Whangamarino Ward	Te Kauwhata	18%	100%	0%	56%	100%	25%	0%	0%	5%
Onewhero Ward	Glen Murray Community	20%	0%	0%	0%	100%	0%	0%	0%	42%
Onewhero Ward	Onewhero Community	13%	0%	0%	0%	83%	0%	0%	0%	15%
Onewhero Ward	Port Waikato Community	28%	0%	0%	100%	100%	100%	0%	100%	11%
Onewhero Ward	Pukekawa-Opuatia Community	11%	0%	0%	0%	100%	0%	0%	0%	24%
Onewhero Ward	Waikaretu Community	17%	0%	0%	100%	100%	0%	0%	0%	
Huntly Ward	Huntly Community	17%	27%	0%	58%	100%	5%	42%	7%	5%
Huntly Ward	Ohinewai Community	56%	0%	0%	83%	0%	50%	0%	0%	
Hukanui-Waerenga Ward	Gordonton Community	18%	0%	0%	0%	0%	25%	0%	0%	
	Orini-Tauhei Community	8%	0%	0%	100%	100%	15%	20%	0%	
	Waerenga Community	22%	0%	0%	0%	0%	33%	0%	0%	
	Waiterimu-Te Hoe Community	22%	0%	0%	100%	18%	67%	0%	0%	
Ngaruawahia Ward	Horsham Downs Community	5%	0%	0%	100%	0%	100%	0%	0%	
Ngaruawahia Ward	Ngaruawahia Community	7%	0%	0%	0%	0%	40%	0%	0%	
	Taupiri Community	26%	0%	0%	0%	0%	0%	14%	0%	
Whaingaroa Ward	Naike Community	0%	0%	0%	0%	100%	33%		0%	
Whaingaroa Ward	Pukemiro Community	0%	0%	0%	100%	0%	0%	0%	0%	
Whaingaroa Ward	Rotongaro-Ruawaro Community	50%	47%	0%	67%	0%	50%	0%	0%	
Whaingaroa Ward	Rotowaro Community	0%	0%	0%	0%	100%	0%	0%	0%	
Whaingaroa Ward	Te Akau Community	25%	0%	0%	100%	67%	33%	0%	0%	
Whaingaroa Ward	Waingaro Community	35%	0%	0%	100%	100%	50%		0%	
Whaingaroa Ward	Waitetuna Community	21%	0%	0%	86%	71%	60%		0%	
Newcastle Ward	Horotiu Community	0%	0%	0%	0%	0%	00%		0%	
Newcastle Ward	Rotokauri Community	29%	0%	0%	0%	0%	0%		0%	
	·									
	Te Kowhai Community	13%	0%	0%	0%	100%	33%		100%	
Newcastle Ward	Whatawhata-Koromatua Community	29%	0%	0%	0%	75%	0%		0%	
Eureka Ward	Eureka Community	0%	0%	0%	0%	0%	0%	0%	0%	
Eureka Ward	Matangi Community	13%	0%	0%	0%	100%	50%		0%	
Eureka Ward	Puketaha Community	0%	0%	0%	0%	100%	0%		100%	
Eureka Ward	Tauwhare Community	0%	0%	0%	100%	0%	0%		0%	
Tamahere Ward	Hautapu Community	92%	0%	0%	100%	0%	0%		0%	
	Tamahere Community	53%	0%	0%	0%	100%	0%	29%	0%	
Raglan Ward	Raglan Community	26%	0%	0%	67%	50%	67%		20%	
Raglan Ward	Waitetuna-Te Uku Community	24%	0%	0%	80%	100%	33%		0%	
	Other not specified	100%	0%	0%	0%	0%	0%		0%	
Total		21%	30%	0%	67%	79%	19%	7%	7%	129

Figure 0.26: SNAs - Policy Area Effect as Share of District, Other Property Categories by Ward Summary

				Policy Area	of Effect as Shar	e of District			
Ward	Count of Waikato DC Properties	Count of WRC Properties	Count of HNZC Properties	Count of DOC Properties	Count of QEII Properties	Count of LINZ Properties	Count of NZTA Properties	Count of Min. Education Properties	Count of Other Owned Properties
Awaroa ki Tuakau Ward	18%	33%	0%	46%	80%	0%	13%	0%	12%
Whangamarino Ward	14%	38%	0%	73%	100%	18%	1%	0%	12%
Onewhero Ward	20%	0%	0%	58%	94%	17%	0%	14%	20%
Huntly Ward	20%	26%	0%	67%	100%	7%	24%	7%	5%
Hukanui-Waerenga Ward	17%	0%	0%	80%	23%	26%	8%	0%	11%
Ngaruawahia Ward	11%	0%	0%	67%	0%	38%	3%	0%	3%
Whaingaroa Ward	26%	47%	0%	83%	81%	43%	0%	0%	30%
Newcastle Ward	20%	0%	0%	0%	86%	14%	0%	33%	11%
Eureka Ward	9%	0%	0%	100%	67%	20%	0%	33%	3%
Tamahere Ward	64%	0%	0%	100%	100%	0%	13%	0%	21%
Raglan Ward	26%	0%	0%	75%	90%	40%	0%	14%	12%
Other not specified	100%	0%	0%	0%	0%	0%	0%	0%	40%
Total	21%	30%	0%	67%	79%	19%	7%	7%	12%

## 3.3.3 Industries/Economic Sectors Directly Affected

Figure 0.27: SNAs - Policy Area of Effect Business Count 2016 by Community and Ward Summary

	A	В	С	D	E	F	G	н		J	K	L	M	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	82	1	. 5	-	7	2	1	1	2	-	4	17	3	2	0	1	1	0	1	
Pokeno Community	42	0	7	-	5	0	2	-	1	-	1	10	2	1	0	0	0	0	1	7:
Tuakau Community	41	-	3	0	5	1	1	1	1	0	7	9	5	1	-	0	0	1	1	7
Waiuku-Karioitahi Community	22	-	1		3	-	0	1	1	-	1	6	1	1	-	-	1	0	1	38
Mangatangi Community	21	2			0	-	-	-	-	-	0	-	0		-	0		-	0	2
Mangatawhiri Community	23	-	4	0	3	-	2	-	1	-	1	4	1	1	-	0	1	-	-	4:
Maramarua Community	28	-	1	-	1	-	-	1	0	-	1	5	1	-	-	-	0	-	1	3
Meremere Community	15			-	1	-	1	-	-	1	0	2	0		-	0	-	-	0	2
Te Kauwhata	42	-	0	0	1	1	1	1	0	-	1	3	0	0	0	0	-	0	1	5:
Glen Murray Community	47	-	1		1	-	1	-	-	-	1		0	0	-	-	-	0	-	53
Onewhero Community	58	-	1	-	3	0	0	-	0	-	0	-	0	1	0	_		0	0	7:
Port Waikato Community	14	-	-	-	-	-	0	-	-	-	0		-	-	-	1		-	-	18
Pukekawa-Opuatia Community	68	1	. 3	0	4	1	2	1	0	-	1	6	3	1	0	1	-	1	0	9:
Waikaretu Community	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Huntly Community	60	2	4	1	3	-	1	1	2	-	0	8	1	1	-	2	1	2	2	89
Ohinewai Community	24	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Gordonton Community	9	-	-	-	0	-	-	-	-	-	1	2	0	-	-	0	-	1	0	14
Orini-Tauhei Community	38	1	. 4	-	1	-	-	-	0	-	0	3	1	-	0	0	-	-	0	48
Waerenga Community	43	-	1	-	-	0	-	-	0	-	0	1	0	0	-	-	-	-	-	46
Waiterimu-Te Hoe Community	43	-	0	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	45
Horsham Downs Community	8	1	. 3	-	4	0	0	-	0	-	0	0	0	0	0	-	-	-	-	16
Ngaruawahia Community	13	1	. 2	-	2	2	2	1	2	-	0	4	0	2	0	2		0	2	35
Taupiri Community	16	-	0	-	2	0	0	1	0	-	1	4	0	1	-	0	1	0	-	28
Naike Community	27	-	0	-	0	-	-	-	-	-	0	2	1	-	-	-	-	0	-	3:
Pukemiro Community	12	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	13
Rotongaro-Ruawaro Community	40	-	-	-	3	1	-	1	1	-	2	5	1	-	-	-	-	-	1	53
Rotowaro Community	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Te Akau Community	70	-	0	-	1	-	-	-	-	-	-	4	2			1		1	0	79
Waingaro Community	72	-	1	1	6	0	0	2	1	-	1	7	3	0	-	0	0	-	1	9.
Waitetuna Community	59	-	2	-	1	0	1	0	0	-	1	4	1	0	-	-	1	0	2	7:
Horotiu Community	6	-	0		-	-	-	-	-	-	0		0		-	-	-	-	-	
Rotokauri Community	0	-	0	0	0	0	0	-	0	-	0	0	0	0	-	0	0	0	0	1
Te Kowhai Community	31	-	6	-	4	0	1	0	1	0	1	3	1	0	0	1	0	-	0	52
Whatawhata-Koromatua Community	11	-	1	-	2	0	1	-	-	-	1	3	0	-	-	-	-	0	1	20
Eureka Community	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Matangi Community	7	-	1	-	2	0	1	0	-	-	2	2	1	0	-	-	0	-	1	17
Puketaha Community	6	-	-	-	1	1	1	-	1	-	1	2	1	-	-	1	1	-	0	15
Tauwhare Community	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Hautapu Community	23	1			5	3		_	0	-	6	12	7			1	-	4		74
Tamahere Community	20	-	2	-	9	2	3	2	2	2	7	27	8	4	1	2	14	1	1	10
Raglan Community	16	-	0	0	7	-	3	4	1	0	2		6			2		5		6
Waitetuna-Te Uku Community	67	-	1	1	1	-	1	-	0	-	2	6	1	0	-	0	1	0	2	8!

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E. (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and distributions across properties in all cases. Employment includes employees and estimated counts of working proprieto

	Α	В	С	D	E	F	G	н	1	J	K	L	M	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Insurance	Rental, Hiring and Real Estate Services		Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance		Other Services	Total
Awaroa ki Tuakau Ward	187	1	16	0	20	3	3	2	4	0	13	42	12	4	0	1	2	2	4	317
Whangamarino Ward	130	2	5	0	6	1	3	2	2	1	3	14	2	1	0	1	1	0	2	174
Onewhero Ward	196	1	5	0	8	1	3	1	1	-	2	15	3	1	0	2	0	1	1	242
Huntly Ward	83	2	6	1	5	-	1	1	2	-	0	8	1	1	-	2	1	2	2	116
Hukanui-Waerenga Ward	134	1	5	-	1	0	-	-	0	-	1	8	1	0	0	0	-	1	1	152
Ngaruawahia Ward	37	1	5	-	7	2	3	2	3	-	1	9	1	2	0	2	1	0	2	79
Whaingaroa Ward	291	-	4	1	11	1	1	4	2	-	3	23	7	1	-	1	2	1	4	358
Newcastle Ward	49	-	7	0	5	0	2	0	1	0	2	6	2	0	0	1	0	0	2	79
Eureka Ward	15	-	1	-	2	1	2	0	1	-	2	5	2	0	-	1	1	-	1	34
Tamahere Ward	43	1	5	-	14	5	5	2	2	2	13	39	15	6	1	3	17	6	2	181
Raglan Ward	83	-	2	2	8	-	4	4	1	0	4	14	7	1	-	2	5	5	3	145
Total	1,246	8	60	4	89	15	28	18	17	3	45	181	53	19	2	17	30	18	22	1,877

Figure 0.28: District Total Business Count 2016 by Community and Ward Summary

	Α	В	С	D	E	F	G	Н	1	J	K	L	M	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	154	1	7	1	21	6	3	2	7	-	18	61	15	8	1	7	4	2	5	
Pokeno Community	79	1		-	41	4	10	6	6	-	11	60	14	8	4	2		4	11	285
Tuakau Community	113	-	42	3	78	14	31	13	19	1	31	108	40	14	4	9	-	9		567
Waiuku-Karioitahi Community	52	-	2	-	20	-	1	2	6	-	4	23	6	2	-	-	1	2	-	124
Mangatangi Community	32	2	1	-	5	-	-	-	-	-	4	11	2	-	-	2	-	-	3	62
Mangatawhiri Community	72	-	11	3	18	1	5	3	4	1	8	22	10	4		4	_	1	3	172
Maramarua Community	73	3	4	-	8	2	3	3	7	-	5	26	2	-	1	3		2	4	147
Meremere Community	18	1	-		11	2	4	2	2	1	2	16	2	-	-	2		-	1	71
Te Kauwhata	90	1	15	2	33	11	9	8	7	2	12	60	8	7	3	6	6	5	20	303
Glen Murray Community	59	-	3	-	5	1	3	2	-	-	5	20	1	1		-	-	2		101
Onewhero Community	127	-	6	-	29	4	3	1	4	-	8	41	3	9		4		1	4	249
Port Waikato Community	15	-	-	-	5	1	1	3	1	-	1	8	3	1	_	2		1	5	47
Pukekawa-Opuatia Community	119	1	7	2	18	6	5	1	4	-	7	47	21	5	1	5	-	3	5	255
Waikaretu Community	10	1		2	2	-	-	-	-	-	1	6	1	-	-	1		1		24
Huntly Community	110	4	27	3	84	10	50	22	33	4	16	120	29	19	8	24	31	12	35	642
Ohinewai Community	47	-	4	1	7	1	-	1	2	-	4	26	3	-	-	2	-	1	1	100
Gordonton Community	113	1	7	1	13	3	3	7	1	-	18	76	8	2	1	6		4	7	272
Orini-Tauhei Community	182	2	9	-	18	4	6	2	4	-	8	63	9	6	1	2	1	1	4	323
Waerenga Community	100	1	8	-	5	4	-	-	4	1	9	54	13	1	-	1	-	2	1	204
Waiterimu-Te Hoe Community	89	-	1	-	6	3	1	-	-	1	2	49	1	-	-	1		1	2	159
Horsham Downs Community	68	1	11	2	42	5	6	2	3	4	15	44	18	2	1	5		2	4	248
Ngaruawahia Community	59	1	14	2	69	10	30	11	9	3	9	64	18	6	9	19	20	17	21	392
Taupiri Community	54	-	5	-	8	1	3	3	2	0	7	32	11	4	-	3	6	5	1	145
Naike Community	36	-	1	-	2	1	-	-	-	-	1	11	6	-	-	-	-	1	1	59
Pukemiro Community	17	1	3	-	5	-	-	1	2	-	1	10	-	1	-	0	-	-	0	41
Rotongaro-Ruawaro Community	59	-	-	-	8	1	-	2	3	-	7	19	1	1	-	2	-	-	3	107
Rotowaro Community	17	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	21
Te Akau Community	76	-	2	-	3	1	-	-	1	-	1	22	5	1	-	4	-	3	2	122
Waingaro Community	101	-	5	2	16	1	3	3	2	-	5	15	6	3	-	3	3	1	2	171
Waitetuna Community	88	-	7	-	23	2	11	2	5	-	13	40	13	4	-	1	10	1	8	225
Horotiu Community	16	-	1	-	4	-	1	-	1	-	2	4	1	3	-	-	1	-	1	36
Rotokauri Community	27	-	7	1	20	6	6	-	2	2	11	34	14	1	-	1	8	3	1	142
Te Kowhai Community	89	-	13	-	22	5	4	3	10	3	13	41	16	3	0	5	4	1	5	237
Whatawhata-Koromatua Community	45	-	4	1	21	2	8	4	2	1	9	39	7	2	-	2	2	2	6	156
Eureka Community	106	-	8	-	7	1	3	2	1	1	7	38	15	7	-	1	3	5	6	210
Matangi Community	85	-	11	-	33	5	4	5	4	-	15	52	15	9	-	3	6	7	7	263
Puketaha Community	52	-	2	-	19	10	5	-	1	1	9	26	9	2		3		4	-	152
Tauwhare Community	52	-	3	-	8	-	1	1	1	-	3	24	5	2	-	2	-	2	2	107
Hautapu Community	93	1	12	-	26	15	8	2	1	-	36	82	41	12	1	3	22	19	6	379
Tamahere Community	51	-	6	-	41	9	7	6	5	6	22	110	34	12	1	10	40	8	3	370
Raglan Community	37	-	24	2	74	7	23	31	11	3	14	67	48	10	4	12	23	17	21	429
Waitetuna-Te Uku Community	105	1	6	1	14	1	3	1	5	-	7	38	7	3	-	3	3	3	5	206
Total	2,987	23	326	30	891	160	263	154	180	35	378	1,710	480	177	43	167	233	153	252	8,647

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimated counts of working proprietors.

	Α	В	С	D	Е	F	G	н	I	J	K	L	М	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Insurance	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Awaroa ki Tuakau Ward	397	3	73	4	160	24	46	22	37	1	64	251	75	32	9	18	21	16	44	1,298
Whangamarino Ward	286	6	36	7	75	16	22	16	19	3	30	135	24	12	5	17	9	7	31	755
Onewhero Ward	330	2	2 16	3	58	12	11	6	9	-	22	121	30	16	2	12	3	8	13	676
Huntly Ward	157	4	31	4	91	11	50	23	35	4	20	146	32	19	8	26	31	13	37	742
Hukanui-Waerenga Ward	485	4	1 25	1	42	13	10	9	9	2	38	242	31	9	2	11	3	8	14	957
Ngaruawahia Ward	181	2	2 30	4	119	16	39	16	14	8	30	140	48	13	10	27	36	24	27	785
Whaingaroa Ward	394	1	L 17	2	57	6	14	8	13	-	28	119	31	10	-	11	12	7	17	746
Newcastle Ward	177	-	26	2	67	13	17	6	15	6	35	117	38	9	0	8	15	6	13	570
Eureka Ward	295	-	24	-	67	16	13	8	8	2	34	141	43	21	-	9	15	18	21	732
Tamahere Ward	144	1	18	-	66	25	16	8	6	6	58	192	75	24	2	13	62	26	9	750
Raglan Ward	142	1	L 30	3	88	8	26	32	15	3	21	105	55	13	4	15	26	20	26	635
Total	2,987	23	326	30	891	160	263	154	180	35	378	1,710	480	177	43	167	233	153	252	8,647

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E (July 2017 Property Snapshat). 2016 business and employment counts of working proprietors.

Figure 0.29: SNAs - Policy Area Effect as Share of District, Business Count 2016 by Community and Ward Summary

	A	В	С	D	E	F	G	Н	1	1	К	L	М	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	53%	61%	68%	0%	32%	36%	28%	67%	23%	0%	20%	28%	23%	26%	39%	12%	22%	18%	6 25%	40%
Pokeno Community	53%	8%	6 32%	0%	12%	7%	16%	0%	9%	0%	13%	16%	15%	10%	5%	6%	36%	13%	12%	26%
Tuakau Community	37%	0%	6 7%	5%	7%	5%	2%	5%	3%	9%	22%	9%	13%	5%	0%	1%	2%	6%	6 5%	14%
Waiuku-Karioitahi Community	42%	0%	6 40%	0%	16%	0%	4%	31%	23%	0%	35%	25%	18%	24%	0%	0%	45%	26%	19%	31%
Mangatangi Community	64%	100%	6 40%	0%	4%	0%	0%	0%	0%	0%	2%	3%	2%	0%	0%	2%	0%	0%	6 5%	38%
Mangatawhiri Community	32%	0%		11%	16%	0%	29%	0%	28%	0%	13%	17%	15%	14%	0%	11%	59%	0%	6 0%	
Maramarua Community	38%	0%	6 16%	0%	17%	0%	0%	23%	4%	0%	14%	18%	35%	0%	0%	0%	35%	0%	24%	26%
Meremere Community	83%	67%	6 0%	0%	5%	0%	32%	12%	0%	100%	17%	14%	7%	0%	0%	5%	17%	0%	14%	30%
Te Kauwhata	47%	0%	6 2%	5%	3%	6%	7%	7%	3%	0%	4%	4%	0%	5%	3%	1%	0%	2%	4%	17%
Glen Murray Community	80%	0%	6 20%	0%	15%	0%	26%	0%	0%	0%	12%	15%	8%	8%	0%	0%	0%	12%	6 0%	53%
Onewhero Community	46%	0%	6 22%	0%	12%	7%	11%	0%	2%	0%	5%	10%	7%	9%	34%	13%	9%	17%	12%	28%
Port Waikato Community	92%	0%	6 0%	0%	0%	0%	84%	0%	0%	0%	53%	25%	0%	0%	0%	67%	0%	0%	6 0%	38%
Pukekawa-Opuatia Community	57%	61%	6 51%	19%	23%	14%	45%	51%	11%	0%	11%	12%	14%	11%	3%	12%	0%	22%	6 10%	36%
Waikaretu Community	90%	0%	6 0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6 0%	37%
Huntly Community	54%	36%	6 15%	17%	4%	0%	2%	4%	5%	0%	2%	7%	3%	4%	0%	7%	4%	18%	6 5%	14%
Ohinewai Community	50%	0%	45%	0%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6 0%	27%
Gordonton Community	8%	0%	6 0%	0%	1%	0%	0%	0%	0%	0%	3%	3%	2%	0%	0%	3%	0%	15%	6 3%	5%
Orini-Tauhei Community	21%	38%	6 41%	0%	4%	0%	0%	0%	4%	0%	3%	4%	7%	0%	22%	7%	0%	0%	6 11%	15%
Waerenga Community	43%	0%			0%	2%	0%		3%	0%	2%		1%		0%	0%	0%	0%		
Waiterimu-Te Hoe Community	49%	0%			0%	0%	0%		0%	0%	0%	2%	0%	0%	0%	0%	0%	0%		
Horsham Downs Community	11%	87%			9%	7%	1%		4%	0%	2%		0%	2%	9%	0%	0%	0%		
Ngaruawahia Community	23%	91%			3%	16%	7%		26%	0%	3%		2%	29%	1%		0%	0%		
Taupiri Community	29%	0%			21%	24%	15%		9%	0%	10%		4%	16%	0%	18%	10%	1%		
Naike Community	75%	0%			11%	0%	0%		0%	0%	26%		22%	0%	0%	0%	0%	30%		
Pukemiro Community	69%	0%			0%	0%	0%		0%	0%	0%		0%	0%	0%	0%	0%	0%		
Rotongaro-Ruawaro Community	67%	0%			34%	52%	0%		36%	0%	23%		50%	0%	0%	0%	0%	0%		50%
Rotowaro Community	81%	0%			0%	0%	0%		0%	0%	0%		0%	0%	0%	0%	0%	0%		
Te Akau Community	92%	0%			28%	0%	0%		0%	0%	0%		33%	65%	0%	16%	0%	24%		
Waingaro Community	71%	0%			38%	35%	7%		35%	0%	13%		46%	13%	0%	12%	20%	0%		
Waitetuna Community	67%	0%			6%	7%	9%		5%	0%	6%		7%	6%	0%	0%	12%	12%		
Horotiu Community	38%	0%			0%	0%	0%		0%	0%	11%		6%	0%	0%	0%	0%	0%		
Rotokauri Community	0%	0%			0%	0%	0%		2%	0%	11%		1%		0%	2%	1%	0%		
Te Kowhai Community	35%	0%			16%	3%	37%		10%	7%	8%	-	8%	9%	34%	28%	9%	0%		
Whatawhata-Koromatua Community	25%	0%			9%	14%	9%		0%	0%	7%		7%	0%	0%	0%	0%	23%		
	0%				0%		0%		0%	0%		-	0%				0%	23%		
Eureka Community		0%				0%					0%			0%	0%	0%				
Matangi Community	8%	0%			5%	3%	21%		0%	0%	11%		5%	4%	0%	0%	3%	0%		
Puketaha Community	11%	0%			3%	8%	20%		62%	0%	6%		15%	0%	0%	41%	15%	0%		
Tauwhare Community	4%	0%			0%	0%	0%		0%	0%	0%		0%	0%	0%	0%	0%	0%		
Hautapu Community	24%	39%			20%	20%	16%		31%	0%	17%		18%	20%	0%	30%	15%	23%		
Tamahere Community	40%	0%			23%	23%	45%		32%	30%	33%		24%	31%	49%	24%	34%	18%		29%
Raglan Community	44%	0%			9%	0%	14%		5%	4%	17%		13%	9%	0%		16%	28%		
Waitetuna-Te Uku Community	64%	0%			8%	0%	45%		9%	0%	25%		13%	7%	0%		36%	6%		
Total	42%	33%	6 19%	14%	10%	9%	11%	12%	10%	8%	12%	11%	11%	11%	4%	10%	13%	12%	6 9%	22%

Source: WDC Baseline Database, Statistics NZ Bu	siness Frame M F I	(July 2017 Pro	nerty Snanshot)	2016 husiness ar	nd employment cou	ints at the property	level are estimates onl	v and may not accura	elv reflect husiness a	nd emnlovment co	ounts and distributi	ions across aroner	ties in all cases. Fr	mnlovment includes	emnlovees and esti	mated counts of wo	rking proprietors

	Α	В	С	D	E	F	G	н	1	J	K	L	М	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Insurance	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Awaroa ki Tuakau Ward	47%	35%	21%	4%	12%	13%	7%	11%	11%	9%	21%	17%	16%	13%	5%	6%	11%	11%	10%	24%
Whangamarino Ward	45%	33%	14%	6%	8%	4%	16%	10%	8%	19%	9%	10%	10%	8%	2%	4%	13%	1%	6%	23%
Onewhero Ward	59%	29%	34%	9%	14%	9%	32%	8%	5%	0%	10%	12%	11%	9%	15%	19%	8%	14%	7%	36%
Huntly Ward	53%	36%	19%	14%	5%	0%	2%	4%	5%	0%	2%	6%	2%	4%	0%	6%	4%	17%	5%	16%
Hukanui-Waerenga Ward	28%	17%	19%	0%	2%	1%	0%	0%	3%	0%	3%	3%	3%	1%	7%	4%	0%	7%	5%	16%
Ngaruawahia Ward	20%	89%	17%	0%	6%	14%	7%	14%	18%	0%	4%	6%	2%	20%	2%	8%	2%	0%	8%	10%
Whaingaroa Ward	74%	0%	21%	68%	20%	18%	9%	52%	15%	0%	12%	19%	23%	13%	0%	9%	14%	19%	22%	48%
Newcastle Ward	28%	0%	27%	1%	8%	4%	12%	3%	7%	4%	6%	5%	5%	4%	34%	20%	3%	7%	12%	14%
Eureka Ward	5%	0%	4%	0%	3%	6%	14%	1%	10%	0%	6%	3%	5%	2%	0%	13%	7%	0%	4%	5%
Tamahere Ward	30%	39%	29%	0%	22%	21%	30%	29%	32%	30%	23%	20%	21%	26%	29%	25%	28%	22%	19%	24%
Raglan Ward	58%	0%	6%	49%	9%	0%	17%	12%	7%	4%	20%	13%	13%	8%	0%	14%	18%	24%	11%	23%
Total	42%	33%	19%	14%	10%	9%	11%	12%	10%	8%	12%	11%	11%	11%	4%	10%	13%	12%	9%	22%

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E. (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.

Figure 0.30: SNAs - Policy Area of Effect Employment Count 2016 by Community and Ward Summary

	Α	В	С	D	Е	F	G	Н	1	1	K	L	M	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	97	25			14	6	0	4	2	-	0	2	20	10	1	5	1	0	1	
Pokeno Community	40	0	125	-	10	0	2	-	2	-	0	3	5	1	1	1	0	2	1	
Tuakau Community	294	-	34	0	20	1	0	0	2	0	1	3	5	2		0		1	2	365
Waiuku-Karioitahi Community	25	-	4	-	4	-	0	0	1	-	0	1	1	1	-	-	0	0	1	
Mangatangi Community	19	0			1	-	-	-	-	-	0	0	0	-	-	0		-	-	20
Mangatawhiri Community	53	-	23		8	-	1	-	3	-	0	1	1	0	-	16	1	-	-	107
Maramarua Community	24	-	0	-	1	-	-	0	0	-	0	1	2	-	-	-	1	-	1	31
Meremere Community	41	6	-	-	1	-	1	0	-	0	0	0	0	-	-	0	-	-	-	50
Te Kauwhata	79	-	0		4	2	1	4	1	-	0	1	0	1		0	-	0	-	130
Glen Murray Community	83	-	0		1	-	2	-	-	-	0	0	0	0		-	-	0		86
Onewhero Community	72	-	1	-	5	0	0	-	0	-	0	2	0	1	0	13		1	-	95
Port Waikato Community	46	-	-	-	-	-	0	-	-	-	0	0	-	-	-	0		-	-	47
Pukekawa-Opuatia Community	167	5	1	0	6	0	1	0	1	-	0	2	2	2	0	3	-	2	-	194
Waikaretu Community	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Huntly Community	89	49	14		20	-	1	3	10	-	0	2	1	2		13		2		367
Ohinewai Community	30	-	69	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101
Gordonton Community	20	-	-	-	0	-	-	-	-	-	0	0	0	-	-	4		2	-	25
Orini-Tauhei Community	71	0	13		4	-	-	-	0	-	0	0	0	-	0	2	-	-	-	92
Waerenga Community	66	-	1		-	0	-	-	1	-	0	0	0	0	-	-	-	-	-	68
Waiterimu-Te Hoe Community	72	-	0		-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	72
Horsham Downs Community	9	0	536		14	2	0	-	2	-	0	0	0			-	-	-	-	577
Ngaruawahia Community	23	14			27	6	5	11	7	-	0	0	0	1		48		0	1	149
Taupiri Community	26	-	0		3	2	0	5	1	-	0	1	0			1		-	-	55
Naike Community	34	-	0		0	-	-	-	-	-	1	0	1	-	-	-	-	-	-	36
Pukemiro Community	15	-	-	-	-	-	-	-	-	-		0	-	-	-	-	-	-	-	15
Rotongaro-Ruawaro Community	33	-	-	-	4	0	-	14	2	-	0	1	1		-	-	-	-	-	55
Rotowaro Community	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Te Akau Community	104	-	0		0	-	-	-	-	-	-	1	1	1		2		43		152
Waingaro Community	39	-	0		12	0	0	1	1	-	0	1	2			1		-	4	65
Waitetuna Community	72	-	6		2	1	0	1	0	-	0	2	1	0		-	3	0		90
Horotiu Community	9	-	0		-	-	-	-	-	-		-	1	-	-	-	-	-	-	10
Rotokauri Community	0	-	0		0	0	0	-	0	- 1	0	0	0	0		0		0		_
Te Kowhai Community	37	-	10		7	0	4	0	8	1	0	1	1	1		34			1	105
Whatawhata-Koromatua Community	9	-	1		4	0	0	-	-	-	0	0	0		-	-	-	1		16
Eureka Community		-	-	-	-	-	-	-	-	-	- 0	- 0	-	-	-	-	-	-	-	-
Matangi Community	53 537	-	0		4	1	0		-	-	0	0	1 173	_		- 10	0 14	-	3 0	
Puketaha Community			-	-	1	_		-	6	-		-		-	-	10		-		742
Tauwhare Community	3	- 2		-	-	-	- 1	-	-	-	-	-	- 10	-	-	- 1	-	- 4	- 1	-
Hautapu Community	77 18	3	7		24 37	3	1	0	0	- 1	0 2	5	10 14	10		13	-	0	-	
Tamahere Community						- 3	12	16	28	0	0	1	14 4	10				4		
Raglan Community	25 116	-	0		11 2	-	12 1	35	1	- 0	0		1	_		84 5		0		189 132
Waitetuna-Te Uku Community Total	2,663	102				30			81	2	4		250			256		62		

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E. (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.

	Α	В	С	D	E	F	G	Н	ı	J	К	L	M	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Insurance	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Awaroa ki Tuakau Ward	456	25	177	0	48	7	3	5	7	0	1	9	31	13	2	6	3	3	5	802
Whangamarino Ward	216	6	24	3	15	2	2	5	4	0	0	3	3	1	34	17	2	0	1	338
Onewhero Ward	388	5	2	0	12	1	3	0	2	-	0	4	3	3	0	16	0	3	-	442
Huntly Ward	119	49	84	144	22	-	1	3	10	-	0	2	1	2	-	13	15	2	-	468
Hukanui-Waerenga Ward	229	0	14	-	4	0	-	-	1	-	0	1	1	0	0	6	-	2	-	257
Ngaruawahia Ward	58	14	540	-	44	11	5	17	10	-	0	1	1	25	1	48	5	0	1	782
Whaingaroa Ward	314	-	7	1	19	2	1	16	4	-	1	5	6	2	-	3	4	43	4	430
Newcastle Ward	55	-	11	0	11	0	5	0	8	1	0	1	3	1	0	34	1	1	1	133
Eureka Ward	593	-	0	-	5	2	1	0	6	-	0	1	173	1	-	10	14	-	3	810
Tamahere Ward	95	3	8	-	61	5	13	16	28	1	2	8	24	14	0	14	109	4	4	408
Raglan Ward	141	-	2	7	13	-	12	35	1	0	0	2	5	1	-	89	4	5	4	322
Total	2,663	102	869	155	255	30	45	98	81	2	4	37	250	63	37	256	158	62	24	5,191

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.

Figure 0.31: District Total Employment Count 2016 by Community and Ward Summary

	Α	В	С	D	Ε	F	G	Н	1	J	K	L	M	N	0	Р	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	209	39	20	0	50	16	7	7	11	-	0	8	63	46	3	42	4	0	3	527
Pokeno Community	72	43	237	-	117	4	51	24	8	-	0	20	26	12	19	22	1	11	11	678
Tuakau Community	602	-	272	17		32	82	97	23	9	7		49	56	25	141	88	4	40	1,825
Waiuku-Karioitahi Community	71	-	7		29	-	0	1	4	-	0	3	5	-	-	-	1	1	2	127
Mangatangi Community	31	0			10	-	-	-	-	-	0	5	2		-	13	-	-	-	63
Mangatawhiri Community	124	-	95		79	0	3		9	-	3	4	9		0	41	1	0		398
Maramarua Community	71	15			20	4	6	_	22	-	0		5		1	14	3	3		192
Meremere Community	45	8	-	4	13	1	14	-	26	0	0	3	2		-	10	2	-	-	178
Te Kauwhata	171	6			88	24	32		37	3	4	20	28		336	111	107	3		1,142
Glen Murray Community	105	-	4	-	9	3	4	1	-	-	0	3	1	1	-	-	-	2	-	132
Onewhero Community	153	-	7	-	49	2	0	1	12	-	0	10	3		0	86	3	3	-	341
Port Waikato Community	47 284	- 9	3	- 0	33	3	3	15	1 12	-	0	13	18		0	6 20	3	- 6	5	95 429
Pukekawa-Opuatia Community	284	0	-	- 0	33	- 3			- 12	-	0	13	18	24	1	3	-	6		36
Waikaretu Community Huntly Community	175	88		391	312	51	265		118	16	14	-	74		84	290	297	10		2,797
Ohinewai Community	59	- 00	149	6	9	0	- 203	100	5	-	0		2			15	-	0		251
Gordonton Community	457	0		0	27	10	12		0	-	1	23	12			82	11	5		828
Orini-Tauhei Community	354	12		-	41	10	7		14	-	0		7		0	18	2	1	-	514
Waerenga Community	160	13			8	2	- '	-	13	0	0	8	12		-	11	-	6		245
Waiterimu-Te Hoe Community	161		7		6	4	1	-	-	-	0	6	4	_	_	3	-	_	-	192
Horsham Downs Community	114	0	887	1	112	15	13	1	17	26	1	15	39	149	12	57	7	2	14	1,481
Ngaruawahia Community	128	15		1	181	28	154	45	27	19	11		33		315	259	115	64		1,502
Taupiri Community	80	-	9	-	22	10	2	11	8	0	1	7	18	26	-	6	23	40		272
Naike Community	46	-	1	-	1	1	-	-	-	-	3	1	5	-	-	-	-	-	-	58
Pukemiro Community	20	107	2	-	14	-	-	3	1	-	0	1	-	30	-	9	-	-	-	188
Rotongaro-Ruawaro Community	61	-	-	-	20	1	-	20	7	-	0	3	1	1	-	6	-	-	- 1	119
Rotowaro Community	21	-	1	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	22
Te Akau Community	111	-	1	-	2	0	-	-	13	-	0	7	3	1	-	22	-	57	-	219
Waingaro Community	65	-	9	2	29	1	2	1	4	-	0	3	4	3	-	10	3	0	6	142
Waitetuna Community	110	-	13	-	46	19	9	4	6	-	2	13	12			13	14	1	-	266
Horotiu Community	23	-	1	-	3	-	0	-	1	-	0	0	7		-	-	1	-	-	42
Rotokauri Community	17	-	5	4	44	11	8	-	19	-	1	10	32		-	15	17	10		195
Te Kowhai Community	111	-	21	-	55	5	12		67	55	1	7	22			63	6	0		443
Whatawhata-Koromatua Community	42	-	5	3	-	1	54		1	1	1		10		-	18	2	3		220
Eureka Community	332	-	10		30	6	2	0	1	0	0		14		-	25	4	0	-	456
Matangi Community	332	-	20		80	11	5	-	6	-	2	28	23		-	16	20	6		598
Puketaha Community	793	-	2	-	113	17	4	-	9	4	1	3	284	5		16	25	1	2	1,280
Tauwhare Community	66	-	2	-	12	- 10	1	0	1	-	0	5	4	7		33	-	10		149
Hautapu Community	278	11			115	19	5		0	-	1	34	64		0	2	22	14	-	609
Tamahere Community	51	-	4	- 22	179	12	24		174	3	6	21	66		0	87	225	1	-	956
Raglan Community	50		94			11	137		13	14	9	21	72		23	121	119	22		1,161
Waitetuna-Te Uku Community	165	3	•		25	3	2	_	,	-	0	12	6	10	-	39	3	5	-	294
Total	6,390	370	2,403	497	2,402	331	922	940	698	150	70	503	1,042	611	869	1,746	1,128	299	290	21,660

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E. (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.

	Α	В	С	D	Е	F	G	Н	1	J	K	L	M	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Awaroa ki Tuakau Ward	954	82	537	17	427	51	140	129	45	9	8	82	143	117	47	205	93	17	55	3,157
Whangamarino Ward	442	30	179	38	210	29	55	107	94	3	7	36	45	14	337	189	114	6	37	1,973
Onewhero Ward	612	9	14	0	100	11	8	17	25	-	0	30	25	37	1	115	6	18	5	1,033
Huntly Ward	235	88	421	397	321	51	265	169	123	16	14	64	76	67	84	305	297	10	44	3,047
Hukanui-Waerenga Ward	1,131	25	72	0	81	18	20	99	28	0	1	58	34	15	48	114	13	12	9	1,778
Ngaruawahia Ward	321	15	964	2	316	52	169	57	52	45	12	39	89	181	327	323	145	105	40	3,256
Whaingaroa Ward	434	107	27	2	113	21	10	29	32	-	5	28	25	39	-	60	17	58	6	1,013
Newcastle Ward	194	-	32	7	156	18	75	17	88	56	2	27	71	16	0	95	26	13	7	900
Eureka Ward	1,524	-	33	-	234	34	12	9	16	4	3	51	325	42	-	91	49	17	39	2,482
Tamahere Ward	329	11	23	-	294	31	29	59	174	3	7	56	130	56	0	89	246	15	15	1,565
Raglan Ward	215	3	101	33	151	14	139	249	20	14	10	34	77	28	23	160	122	27	34	1,455
Total	6,390	370	2,403	497	2,402	331	922	940	698	150	70	503	1,042	611	869	1,746	1,128	299	290	21,660

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E. (July 2017 Property Snapshot). 2016 business and employment counts of working proprietors.

Figure 0.32: SNAs - Policy Area of Effect as Share of District, Employment Count 2016 by Community and Ward Summary

	Α	В	С	D	E	F	G	н	1	1	К	L	М	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Otaua-Aka Aka Community	46%	64%				37%	6%		20%	0%	20%		32%	22%		12%		18%		39%
Pokeno Community	56%	0%				3%	4%		25%	0%	13%		19%	8%		5%		20%		29%
Tuakau Community	49%	0%				3%	0%	0%	7%		9%		10%	3%		0%		14%		20%
Waiuku-Karioitahi Community	35%	0%				0%	4%		24%		35%		18%	24%		0%		48%		30%
Mangatangi Community	60%	100%				0%	0%		0%	0%	2%		2%			2%		0%		32%
Mangatawhiri Community	43%	0%				0%	22%		34%	0%	1%		12%	9%		38%	59%	0%		27%
Maramarua Community	34%	0%				0%	0%		1%		14%		35%	0%		0%		0%		16%
Meremere Community	92%	67%				0%	4%		0%	100%	17%		8%	0%		5%		0%		28%
Te Kauwhata	46%	0%				9%	2%		3%		0%		0%	5%		0%		9%		11%
Glen Murray Community	79%	0%			9%	0%	45%		0%	0%	12%		8%	8%		0%		12%		65%
Onewhero Community	47%	0%				8%	8%		4%	0%	5%		6%	8%		15%		17%		28%
Port Waikato Community	99%	0%				0%	84%		0%	0%	53%		0%	0%		3%		0%		49%
Pukekawa-Opuatia Community	59%	61%				14%	49%		11%	0%	11%		13%	7%		14%		29%		45%
Waikaretu Community	88%	0%				0%	0%		0%	0%	0%		0%	0%		0%		0%		56%
Huntly Community	51%	56%	5%	37%	7%	0%	0%	2%	9%	0%	0%	3%	1%	4%	0%	4%	5%	22%	0%	13%
Ohinewai Community	50%	0%	46%	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%
Gordonton Community	4%	0%			0%	0%	0%	0%	0%	0%	13%	1%	1%	0%		4%	0%	34%		3%
Orini-Tauhei Community	20%	0%	57%	0%	9%	0%	0%	0%	1%	0%	3%	2%	7%	0%	22%	14%	0%	0%	0%	18%
Waerenga Community	41%	0%	6%	0%	0%	3%	0%	0%	7%	0%	2%	2%	1%	7%	0%	0%	0%	0%	0%	28%
Waiterimu-Te Hoe Community	45%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	38%
Horsham Downs Community	8%	87%	60%	0%	13%	14%	2%	0%	11%	0%	1%	0%	0%	9%	9%	0%	0%	0%	0%	39%
Ngaruawahia Community	18%	91%	7%	0%	15%	22%	3%	26%	27%	0%	0%	2%	1%	24%	0%	18%	0%	0%	8%	10%
Taupiri Community	32%	0%	3%	0%	11%	24%	11%	48%	13%	0%	10%	12%	2%	42%	0%	9%	23%	0%	0%	20%
Naike Community	74%	0%	12%	0%	14%	0%	0%	0%	0%	0%	26%	18%	22%	0%	0%	0%	0%	0%	0%	63%
Pukemiro Community	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	8%
Rotongaro-Ruawaro Community	54%	0%	0%	0%	22%	52%	0%	69%	35%	0%	23%	25%	50%	0%	0%	0%	0%	0%	0%	46%
Rotowaro Community	82%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	79%
Te Akau Community	94%	0%	10%	0%	15%	0%	0%	0%	0%	0%	0%	11%	37%	65%	0%	9%	0%	74%	0%	69%
Waingaro Community	61%	0%	5%	68%	42%	35%	10%	67%	35%	0%	13%	41%	46%	20%	0%	12%	20%	0%	64%	46%
Waitetuna Community	65%	0%	47%	0%	5%	7%	6%	21%	3%	0%	6%	13%	7%	5%	0%	0%	24%	12%	0%	34%
Horotiu Community	38%	0%	16%	0%	0%	0%	0%	0%	0%	0%	11%	0%	16%	0%	0%	0%	0%	0%	0%	24%
Rotokauri Community	0%	0%	0%	2%	0%	2%	2%	0%	2%	0%	0%	1%	1%	2%	0%	2%	0%	0%	0%	1%
Te Kowhai Community	33%	0%			-	1%	37%	2%	12%	1%	7%		5%	22%	34%	54%	10%	0%	-	24%
Whatawhata-Koromatua Community	22%	0%	16%	0%	8%	18%	1%	0%	0%	0%	2%	4%	3%	0%	0%	0%	0%	23%	0%	7%
Eureka Community	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Matangi Community	16%	0%	2%	0%	6%	12%	12%	3%	0%	0%	16%	1%	2%	5%	0%	0%	1%	0%	13%	11%
Puketaha Community	68%	0%	0%	0%	1%	3%	9%	0%	62%	0%	2%	8%	61%	0%	0%	62%	56%	0%	10%	58%
Tauwhare Community	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
Hautapu Community	28%	26%	34%	0%	21%	15%	15%	33%	31%	0%	16%	10%	16%	25%	0%	29%	16%	25%	12%	23%
Tamahere Community	35%	0%	26%	0%	21%	22%	50%	28%	16%	41%	26%	23%	21%	25%	59%	15%	47%	14%	46%	28%
Raglan Community	49%	0%	0%	20%	9%	0%	8%	14%	3%	3%	1%	5%	6%	6%	0%	69%	3%	20%	5%	16%
Waitetuna-Te Uku Community	70%	0%	22%	0%	9%	0%	45%	0%	9%	0%	25%	11%	13%	3%	0%	12%	31%	6%	45%	45%
Total	42%	28%	36%	31%	11%	9%	5%	10%	12%	1%	6%	7%	24%	10%	4%	15%	14%	21%	8%	24%

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.

	Α	В	С	D	E	F	G	H	1.0	J.	K	L L	M	N	0	P	Q	R	S	
	Agriculture, Forestry and Fishing	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Accommodation and Food Services	Transport, Postal and Warehousing	Information Media and Telecommunicat ions	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Administrative and Support Services	Public Administration and Safety	Education and Training	Health Care and Social Assistance	Arts and Recreation Services	Other Services	Total
Awaroa ki Tuakau Ward	48%	31%	33%	0%	11%	13%	2%	4%	14%	2%	10%	11%	22%	11%	4%	3%	3%	21%	10%	25%
Whangamarino Ward	49%	20%	13%	9%	7%	7%	4%	4%	5%	2%	1%	7%	6%	6%	10%	9%	2%	5%	3%	17%
Onewhero Ward	63%	60%	17%	21%	12%	5%	41%	2%	7%	0%	10%	14%	10%	8%	4%	14%	5%	15%	0%	43%
Huntly Ward	51%	56%	20%	36%	7%	0%	0%	2%	8%	0%	0%	3%	1%	4%	0%	4%	5%	22%	0%	15%
Hukanui-Waerenga Ward	20%	0%	19%	0%	5%	0%	0%	0%	3%	0%	10%	2%	2%	0%	0%	5%	0%	14%	0%	14%
Ngaruawahia Ward	18%	91%	56%	0%	14%	20%	3%	29%	20%	0%	1%	4%	1%	14%	0%	15%	4%	0%	4%	24%
Whaingaroa Ward	72%	0%	26%	68%	17%	9%	6%	55%	12%	0%	18%	16%	22%	4%	0%	5%	23%	73%	64%	42%
Newcastle Ward	28%	0%	35%	1%	7%	2%	6%	1%	9%	1%	3%	4%	4%	8%	34%	36%	3%	6%	12%	15%
Eureka Ward	39%	0%	1%	0%	2%	5%	9%	3%	35%	0%	11%	1%	53%	2%	0%	11%	29%	0%	9%	33%
Tamahere Ward	29%	26%	33%	0%	21%	18%	44%	28%	16%	41%	25%	15%	18%	25%	46%	15%	44%	24%	27%	26%
Raglan Ward	66%	0%	2%	20%	9%	0%	9%	14%	5%	3%	1%	7%	7%	5%	0%	55%	3%	17%	11%	22%
Total	42%	28%	36%	31%	11%	9%	5%	10%	12%	1%	6%	7%	24%	10%	4%	15%	14%	21%	8%	24%

Source: WDC Baseline Database, Statistics NZ Business Frame, M.E (July 2017 Property Snapshot). 2016 business and employment counts at the property level are estimates only and may not accurately reflect business and employment counts and distributions across properties in all cases. Employment includes employees and estimated counts of working proprietors.