# WAIKATO DISTRICT COUNCIL

Hearings of Submissions on the Proposed Waikato District Plan

**Report and Decisions of Independent Commissioners** 

## **Decision Report 9: Significant Natural Areas**

17 January 2022

#### **Commissioners**

Dr Phil Mitchell (Chair)

Mr Paul Cooney (Deputy Chair)

Ms Janet Gibb

Ms Jan Sedgwick

Mr Weo Maag

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## 1 Introduction

- 1.1 Hearing 21A related to all the submissions received by the Waikato District Council (Council) on the provisions within the Waikato Proposed District Plan (PDP) relating to indigenous vegetation and habitats. In particular, the hearing related to objectives and policies in Chapter 3 Natural Environment on biodiversity, and the rules in each of the zone chapter relating to clearance of indigenous vegetation. The PDP provisions for the natural environment are not just limited to identified Significant Natural Areas (SNAs). The plan also includes policies which apply to biodiversity offsetting, biodiversity in the coastal environment and rules for indigenous vegetation that is outside an SNA.
- 1.2 Council is required to control any actual or potential effects of the use, development, or protection of land, including for the purpose of the maintenance of indigenous biological diversity by section 31(1)(b)(iii) of the Resource Management Act 1991(RMA). Part 2 of the RMA requires that "the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna" are recognised and provided for as a matter of national importance.<sup>1</sup> In addition, the RMA requires particular regard be given to the "maintenance and enhancement of the quality of the environment"<sup>2</sup> and "intrinsic value of ecosystems".<sup>3</sup>
- 1.3 The largest tracts of indigenous vegetation in Waikato District are in the Rural Zone. SNAs are protected by mechanisms outside the PDP such as indigenous vegetation that is protected by private covenants or public ownership. Of these, the Queen Elizabeth II National Trust protects approximately 10,000 hectares and the Department of Conservation manages approximately 23,000 hectares. Approximately 37,000 hectares is, however, held in private ownership, such that a district plan plays a pivotal role in its management.
- 1.4 The main threats to indigenous biodiversity are vegetation clearance, the effects of browsing stock in unfenced areas and degradation from pest animal and plant species.

#### 2 Hearing Arrangement

- 2.1 Hearing 21A was held on Friday 20 November 2020 and Tuesday 24 November 2020 via Zoom. All of the relevant information pertaining to this hearing (i.e., section 42A report, legal submissions and evidence) is contained on Council's website.
- 2.2 The Panel heard from the following parties on the SNAs provisions of the PDP:

<sup>&</sup>lt;sup>1</sup> Section 6(c) of the Resource Management Act 1991.

<sup>&</sup>lt;sup>2</sup> Ibid s7(f).

<sup>&</sup>lt;sup>3</sup> Ibid s7(d).

Submitter organisation	Attendee at the hearing
Council	Susan Chibnall (author of section 42A Report)
	John Turner (Ecologist)
Waikato Regional Council	Miffy Foley (planning)
	Yanbin Deng (terrestrial ecologist)
Genesis Energy Ltd	Richard Matthews
Derek Tate	In person
Director-General of Conservation	Troy Urlich (legal counsel)
	Andrew Riddell
	Ilse Corkery
	Tony Beauchamp
	Tertia Thurley
Federated Farmers of New Zealand	Hilary Walker
	Philippa Rawlinson
Bruce Cameron	In person
Grace Wilcock	In person
Hynds Pipes Systems and Hynds Foundation	Dharmesh Chhima
	Mark Bellington
Collett Hanrahan	In person
Marc ter Beck	In person
Warwick Cheyne	In person

Hill Countries Farming Group	Bruce and Kirstie Hill
Phil Swann	In person
The Surveying Company	Sarah Nairn
Mark Mathers	In person
Steven and Theresa Stark	In person
Bathurst Resources Limited and BT Mining Limited	Joshua Leckie (legal counsel)
	Kelsey Barry (legal counsel)
	Craig Pilcher
Tainui o Tainui	Angeline Greensill
Transpower New Zealand Ltd	Pauline Whitney
First Rock Consultancy	Andy Loader
KHC Trust	Dave Serjeant
Terence Denton	In person
Norris and Janet Peart	In person
Waka Kotahi New Zealand Transport Agency	Michael Wood
Lochiel Farms	Kim Robinson
Tata Valley Ltd	Chris Scrafton
Tim Newton	In person
Jean Tregidga	In person

Dilworth Trust Board	Mark Arbuthnot
Dermot Murphy	William Murphy
Kiana Lace	Brian Butt and Sheryl Kruger

- 2.3 Although these parties did not attend the hearing, evidence was also filed by:
  - a. Delta Property Group;
  - b. Pam Butler on behalf of KiwiRail Holdings Limited;
  - c. Christine Foster on behalf of Meridian Energy Limited; and
  - d. Lynette Wharfe on behalf of Horticulture New Zealand.

#### 3 Overview of issues raised in Submissions

- 3.1 In the section 42A report, Ms Susan Chibnall set out the full list of submissions received pertaining to the protection and management of indigenous biodiversity. In summary, the key matters addressed by submitters included:
  - a. Significant Natural Areas classification should be removed from certain specified sites;
  - b. The accuracy of the mapping of Significant Natural Areas;
  - c. Inclusion of objectives and policies to address kauri dieback;
  - d. Recognition of Kunzea and Leptospermum (kanuka and manuka) and the revised conservation status of these species;
  - e. More permissive rules enabling the removal of manuka or kanuka for domestic firewood purposes as well as maintaining productive pasture;
  - f. Inclusion of objective, policies and rules to protect the habitat of long-tailed bats;
  - g. Inclusion of policies and rules to encourage restoration/offsetting or rehabilitation;
  - h. Policies which establish a framework for environmental compensation;
  - i. Increased areas for the clearance of indigenous vegetation as a permitted activity; and

- j. Increased area permitted for earthworks within an SNA.
- 3.2 The issue that received the most submissions and evidence was the question of whether to map SNAs or not, given the inaccuracies of the data provided to Council from Waikato Regional Council (WRC). In response to these concerns, Ms Chibnall originally recommended amending the definition of an SNA so that it applied to any area of indigenous vegetation that met the criteria in Appendix 2 Criteria for Determining Significant Indigenous Vegetation, regardless of whether it was mapped. We are aware that this is a similar approach to that of the Operative District Plan. However, after hearing the evidence, Ms Chibnall changed her recommendation in her closing statement so that the basis of SNAs was the identification of them on the planning maps.
- 3.3 Ms Chibnall and Mr Turner (ecologist) undertook a large number of site visits (where submitters allowed access to their site) to verify the extent and adherence to the criteria contained in Appendix 2 Criteria for Determining Significant Indigenous Vegetation. This resulted in Ms Chibnall recommending the removal or modification of the SNA from a number of properties.

#### 4 Overview of evidence

- 4.1 Ms Miffy Foley presented evidence on behalf of WRC and focused on the following matters:
  - a. Removal of SNAs that have not been mapped;
  - b. Significant habitats of indigenous fauna;
  - c. Removal of policy 3.2.2 Identify and recognise;
  - d. Inclusion of environmental compensation in Policy 3.2.3 management hierarchy; and
  - e. Policy 3.2.6 Providing for vegetation clearance.
- 4.2 Ms Foley did not support Ms Chibnall's recommendation to remove the majority of the SNA mapping and rely on the criteria in Appendix 2. While she accepted that this was maintaining the status quo approach of the Operative District Plan, she did not consider it gives effect to section 11 of the Waikato Regional Policy Statement (RPS). She considered that plan mapping is a representation of reality rather than a confirmation of the exact location of an area on the ground.<sup>4</sup> She considered that the implications of having an SNA inaccurately identified on a property are minor or could be mitigated to an extent by permitted activity standards. Ms Foley sought to retain the SNA map overlay and include a mechanism to manage areas that meet the 11A criteria of the RPS and have not been identified and mapped in the PDP.

<sup>&</sup>lt;sup>4</sup> Evidence in Chief of Miffy Foley on behalf of Waikato Regional Council, Paragraph 3.4, dated 29 October 2020.

- 4.3 Ms Foley considered there is an opportunity to include additional matters of control and matters of discretion to ensure that habitat which meets criterion 3 of Appendix 2 are considered when activities are proposed to be undertaken, especially in relation to long-tailed bats.<sup>5</sup> Ms Foley also sought amendments to Policy 3.2.6 Providing for vegetation clearance, to recognise that only clearance with minor adverse effects on indigenous biodiversity will be enabled as a permitted activity and that the specific reference to an identified SNA should be removed to recognise that it also applies to other indigenous vegetation outside SNAs. Regarding environmental compensation, Ms Foley considered more work needs to be undertaken in this area but supported including a definition that supports the concept of environmental compensation in the PDP to provide context and parameters around its use.
- 4.4 Dr Yanbin Deng presented ecological evidence on behalf of WRC. She expressed concerns that the SNA assessments undertaken by Mr Turner were conducted as a property-level approach and should have been at the scale of an SNA-ecological unit. Dr Deng considered that mapping only a small number of verified sites as recommended by Ms Chibnall in her section 42A report represents a lack of protection. Dr Deng also stated that the 40 mapped properties only cover 0.5 per cent of the provisional SNA area.<sup>6</sup> She supported the retention of mapping of the 23,000-hectare SNA on land held by the Department of Conservation. She also provided examples of where Mr Turner's recommendation to delete SNAs was flawed, in her opinion, particularly where the SNA comprised of kanuka and manuka.
- 4.5 Mr Richard Matthews gave planning evidence on behalf of Genesis Energy Ltd (Genesis), generally supporting Ms Chibnall's recommendation to remove mapping of SNAs that had not been verified, but not the replacement approach to rely on Appendix 2: Criteria for Determining Significant Indigenous Vegetation. Mr Matthews considered that if the criteria in Appendix 2 were to apply, then landscaped areas which Genesis had planted may be determined to meet the criteria. He believed these areas should not be regarded as SNAs as they are not "natural".
- 4.6 Mr Matthews also expressed concern that when applying the criteria, any species in an area of vegetation that are classified as 'at risk' (one of the criteria) would mean that the area is automatically an SNA. He considered the most appropriate way to protect SNAs is to ensure that mapped areas are significant and this needs to be undertaken by an ecologist.
- 4.7 Mr Matthews sought a management hierarchy in Policy 3.2.3 to protect SNAs by using the effects management methods. He considered that environmental compensation (not just economic compensation) should be recognised in a meaningful way that enables

<sup>&</sup>lt;sup>5</sup> Ibid Paragraph 3.10.

<sup>&</sup>lt;sup>6</sup> Statement in Chief of Dr Yanbin Deng on behalf of Waikato Regional Council, Paragraph 3.5, dated 29 October 2020.

positive environmental biodiversity outcomes. Mr Matthews did not agree with Mr Riddell (on behalf of the Director-General of Conservation) that environmental compensation intrinsically results in a reduction in the values and attributes that make an area significant and used the example of the Genesis Whio (blue duck) National Recovery.

- 4.8 He considered that Policy 3.1.2A should seek to maintain indigenous biodiversity outside of SNAs by considering the effects management methods. He saw the key difference between Policies 3.1.2A and 3.2.3 is that offsetting and compensation are considered at the same "tier" as each other in Policy 3.1.2A, and that Policy 3.1.2A should focus on avoiding "significant" adverse effects where practicable.<sup>7</sup>
- 4.9 Mr Matthews did not agree with Ms Foley in terms of the indicative nature of mapping of SNAs and believed she overstated the contribution that consultation has made in identifying and mapping SNAs. Ms Foley considered that a comprehensive consultation process as per Schedule 1 of the RMA provided multiple opportunities for landowners to be involved and landowners would have said if there were inaccuracies. Mr Matthews did not consider that the Schedule 1 process could be relied upon to the degree Ms Foley suggested, to justify the retention of the SNA mapping.
- 4.10 Mr Matthews also considered that Ms Foley understated the effect of an inaccurate map and the value of a site assessment before confirming an area is significant. He considered that the effect of incorrectly mapping an area as SNA means that before any activity can occur an assessment by an expert must be undertaken to prove the area is not significant, when a simple site assessment at the outset could address the issue. He agreed with Ms Chibnall that the SNA mapping is too inaccurate to rely on, and accurate mapping is essential to provide more certainty.<sup>8</sup>
- 4.11 Mr Matthews disagreed with Mr Riddell and Ms Corkery (representing the Director-General of Conservation) with the suggestion that the SNA mapping is retained as an information layer, especially where 75 per cent of the mapping is inaccurate. Mr Matthew considered the information could be retained as a guideline but not be afforded any statutory weight.<sup>9</sup>
- 4.12 Mr Matthews disagreed with Ms Foley's position that an activity which cannot avoid, remedy or mitigate its effects, and offsetting is not feasible, should not be consented. Mr Matthews considered there will be situations where it is not always possible and there is no other practicable option, or there may be a functional need to locate in an SNA and

<sup>&</sup>lt;sup>7</sup> Evidence in Chief of Richard Matthews on behalf of Genesis Energy Limited, Paragraph 9, dated 29 October 2020.

<sup>&</sup>lt;sup>8</sup> Rebuttal Statement of Evidence by Richard Matthews on behalf of Genesis Energy Limited, Paragraphs 9 and 10, dated 5 November 2020.

<sup>&</sup>lt;sup>9</sup> Ibid Paragraph 19.

agreed with Mr Scrafton on behalf of TaTa Valley Ltd in this regard.<sup>10</sup> Mr Matthews considered Policy 3.2.3 must provide for activities to occur if there is no other practicable option.

- 4.13 Mr Derek Tate attended the hearing and discussed the flaws in the methodology of the mapping. He disagreed with Mr Turner's assessment of 72 James Road, Huntly and considered that none of the section 11A criteria of the RPS are applicable. He also addressed the property at 185 Hakarimata Road and considered that an SNA on the property would place more specific and onerous regulations on the property, as well as devaluing the property. He suggested that if an SNA were to be identified on the property, then the boundary of the SNA should be taken back to the upper slopes where Mr Tate considered the vegetation met the criteria.
- 4.14 Ms Troy Urlich filed legal submissions on behalf of the Director-General of Conservation covering kauri dieback, long-tailed bat protection and offsetting. She acknowledged the complexities of establishing and implementing comprehensive kauri dieback controls but considered this does not relieve Council from its functions. She outlined concerns that the PDP does not provide adequate protection of the habitat of threatened bats. The original submission from the Director-General of Conservation sought the inclusion of a definition for 'Biodiversity offset' and suggested wording that reflected the Guidance for Biodiversity Offsetting. While Ms Chibnall recommended accepting this wording, the evidence now sought to include wording that reflects an updated version of Biodiversity Offsetting Under the Resource Management Act (BOURMA) where the key difference is the addressing of "residual adverse biodiversity effects" and includes offsetting principles, whereas previous guidance documents address "significant residual adverse biodiversity effects" and does not reference offsetting principles.<sup>11</sup>
- 4.15 Mr John Riddell presented planning evidence on behalf the Director-General of Conservation. His evidence addressed the following provisions:
  - Amend Objective 3.1.1 to include additional wording 'attributes', and 'functioning'. The evidence also sought to rearrange the wording of Policy 3.1.2, so the consideration of effects is not limited to those listed in the policy;<sup>12</sup>
  - b. Revision of Policy 3.2.2 to better reflect the approach to unmapped SNAs recommended in the 21A Hearing Report;
  - c. Adding further performance standards and/or matters of control or discretion on activities within SNAs, proximity to a kauri root zone, and long-tailed bats to land use and subdivision rules;

<sup>&</sup>lt;sup>10</sup> Ibid Paragraphs 13 and 14.

<sup>&</sup>lt;sup>11</sup> Legal submissions on behalf of the Director-General of Conservation, dated 16 November 2020.

<sup>&</sup>lt;sup>12</sup> Evidence in Chief of John Riddell for the Director-General of Conservation, Paragraph 253, dated 29 October 2021.

- d. Using the most recent definitions of 'biodiversity offset' and 'environmental compensation';
- e. Amending Policy 3.2.6 on vegetation clearance within SNAs to better implement the higher order indigenous biodiversity policy guidance; and
- f. Adding permitted activity clearance limits to the vegetation clearance rules.<sup>13</sup>
- 4.16 Mr Riddell generally supported the recommended approach in respect of the SNA mapping as recommended in the section 42A report. He sought to amend Policy 3.2.2 to acknowledge Appendix 2, recognise that SNAs include sites identified in the Planning maps as well as sites that are not recorded on the Planning maps, and to ensure values and attributes are not reduced but preferably enhanced.<sup>14</sup> Mr Riddell recommended to retain the SNA mapping as an information layer.
- 4.17 Mr Riddell sought more stringent controls on earthwork to manage Kauri Dieback through restrictions on earthworks in the vicinity of kauri. In this regard, he considered that earthworks near kauri should not be permitted and that the recommended amendments are insufficient. The evidence sought to amend the earthworks rules to be more in line with Thames Coromandel District Plan's approach to kauri dieback.<sup>15</sup>
- 4.18 Mr Riddell sought additional mapping, objectives, policies, and rules which recognise bat zones and tree protection. Mr Riddell considered that long-tailed bat habitat meets the criteria in Appendix 2 and therefore the plan needs to recognise and provide for protection inclusive of bat habitat, even if it includes exotic vegetation.<sup>16</sup> The definition of "Indigenous Vegetation" currently excludes domestic or ornamental/landscape planting or planted shelter belts but Mr Riddell suggests these aspects should be included where long-tailed bats are present.
- 4.19 Mr Riddell sought the following amendments to the policies:
  - a. Policy 3.2.3 to delete the clause that provides for offsetting;<sup>17</sup>
  - b. Policy 3.2.4 to add 'to the extent practicable', require offsetting to result preferably in a net gain and recognise the limits of offsetting;<sup>18</sup>
  - c. Policy 3.2.6 to include assurance that values and attributes of SNAs are not reduced and to provide for only limited clearance of indigenous vegetation, recognising existing infrastructure.

<sup>&</sup>lt;sup>13</sup> Ibid.

<sup>&</sup>lt;sup>14</sup> Ibid Paragraph 108.

<sup>&</sup>lt;sup>15</sup> Ibid Paragraphs 168, 169, 174,189.

<sup>&</sup>lt;sup>16</sup> Ibid Paragraphs 195-196.

<sup>&</sup>lt;sup>17</sup> Ibid Paragraph 224.

<sup>&</sup>lt;sup>18</sup> Ibid Paragraph 234.

- 4.20 Ms Tertia Thurley presented technical evidence on bats and explained that long-tailed bats have the highest threat classification, being Nationally Critical. She stated that Waikato District holds several known long-tailed bat populations and are present in both urban and rural landscapes. She advised that roost trees have very specific thermal requirements, and if loss of these trees continues, she expects bat populations will not persist in Waikato District. She considered that the recorded bat activity could be used as a basis for protecting bat habitats through bat zones, buffered by 7.3 kilometres, which is the longest known bat range span in Waikato.<sup>19</sup>
- 4.21 Dr Tony Beauchamp provided technical evidence on kauri dieback and explained why kauri dieback is such a significant threat to kauri. While he acknowledged there are no known positive sites within Council's district boundary, he observed that contaminated material may be transported through Waikato District to landfills. He did not agree with using the rural landowners' guide for protecting kauri as he considered the guide was inadequate. He considered that kauri dieback management needs to be part of the PDP to prevent the district's kauri from being contaminated.
- 4.22 Ms Ilse Corkery provided evidence on offsetting and compensation and considered it is important that the PDP acknowledges there are limits to offsetting and environmental compensation. She sought inclusion of a new definition for "Biodiversity offset" and "Environmental compensation", and amendments to Appendix 6 to support those new definitions.
- 4.23 Ms Hilary Walker presented evidence on behalf of Federated Farmers of New Zealand (Federated Farmers) and addressed a number of matters associated with SNAs. She did not support the recommended inclusion of 3.1.2A Policy-Management hierarchy or 3.1.2B Policy Biodiversity offsetting which seek to manage areas outside an SNA as she considered the RMA does not require protection of all areas of indigenous flora and fauna. She considered that a 'protect' policy for all indigenous biodiversity will not achieve sustainable management of resources.
- 4.24 Ms Walker's evidence sought to amend the overarching Objective to refer to regulatory and non-regulatory methods and supported the inclusion of non-regulatory Policy 3.1.2C in which Council will work with landowners. Ms Walker also considered that Policy 3.2.2 Identify and Recognise is sound and considered amendments to help improve the purpose of the policy.
- 4.25 Ms Walker supported the removal of SNA mapping and raised concerns regarding the transition period between notification of the proposed plan and the decision. She expressed concern that landowners may end up in a 'no-mans-land,' as Ms Chibnall's recommendation to amend the definition of SNA elevates all indigenous vegetation to a

<sup>&</sup>lt;sup>19</sup> Evidence in Chief of Tertia Thurley for the Director-General of Conservation, Paragraphs 244 and 245, dated 29 October 2021.

significant threshold until proven otherwise. She outlined the following as alternative approaches:

- a. Retain the mapped SNA sites in the planning maps only where Council is certain of the extent and quality of the indigenous vegetation as a result of ground-truthing;
- b. Amend all other areas to a reduced 'alert' layer status with an advice note concerning the situation where a proposed activity requires a resource consent solely as a result of an area being identified as an SNA and the site has not been ground-truthed; in which case, Council would meet the costs of the ground-truthing assessment to confirm the status and boundaries of the SNA;
- c. Remove all SNA sites from the planning maps that have not been groundtruthed and amend the SNA provisions to include a general clearance rule supported by methods to identify the ecological significance of indigenous biodiversity on an application basis; and
- d. Introduce a plan change to reintroduce the full mapping concept back into the PDP and amend associated implementation methods in accordance with the proposed National Policy Statement for Indigenous Biodiversity identification process and timelines, once gazetted and operative.<sup>20</sup>
- 4.26 In terms of kauri dieback, Ms Walker did not support the inclusion of provisions and considered that the issue should be dealt with at a national and regional level.<sup>21</sup> She supported the use of voluntary methods until both an appropriate risk assessment and consultation with affected landowners are undertaken. With regards to manuka and kanuka, Ms Walker considered the permitted activity standard thresholds are unduly onerous and that these areas should not be identified as SNAs.<sup>22</sup>
- 4.27 Ms Walker then addressed the provisions relating to earthworks in an SNA. She supported amendments to Rule 22.2.3.3 P1 to decouple earthworks for existing farm infrastructure from the standards and to also extend the rule so it applied to new farm infrastructure. She considered that the standards did not make sense in the context of existing infrastructure and did not enable actions to improve biodiversity outcomes such as new fencing for stock exclusion and new tracks for improved access for pest management purposes. She suggested a compromise to the earthworks rule to include conservation activities and water reticulation in the new permitted activity rule and although this may have interim adverse effects, she considered that this will be consistent with RPS 11.1.4 (c).<sup>23</sup> While earthworks associated with fencing, tracking and

<sup>&</sup>lt;sup>20</sup> Statement of Evidence of Hillary Walker on behalf of Federated Farmers of New Zealand, dated 29 October 2020.

<sup>&</sup>lt;sup>21</sup> Ibid Paragraphs 46-51.

<sup>&</sup>lt;sup>22</sup> Ibid Paragraphs 52-56.

<sup>&</sup>lt;sup>23</sup> Ibid Paragraphs 57-68.

water reticulation have been recognised as being reasonable, she expressed concern that vegetation clearance associated with the earthworks is not recognised or enabled and would therefore require consent.

- 4.28 Ms Walker addressed the rules regarding clearance of indigenous vegetation and made the following comments:
  - a. Supported the inclusion of conservation activities in a new P1(a)(vi);
  - b. Supported the clarification that non-indigenous species in an SNA can be cleared (new P9);
  - c. Supported the new permitted activity for clearance of manuka and kanuka to maintain productive pasture subject to conditions (P7), although she considered that the new rule also needs to apply to the rule framework of 22.2.8 Indigenous Vegetation clearance outside an SNA;
  - d. Did not support the 10-metre setback from waterbodies on the basis that it is impractical to impose a setback which applies to the maintenance of existing infrastructure;
  - e. Supported the removal of the volume threshold in P2 but sought deletion of the condition which requires the removal of kanuka or manuka to not directly result in the death, destruction, or damage of any other tree, bush or plant. She considered that the literal interpretation of this condition extends protection to both indigenous and exotic vegetation including pest plants. She considered it also sets a very high and unreasonable bar and would be difficult to monitor and enforce; and
  - f. Did not support the recommended inclusion of two new discretionary activities D2 and D3, as she considered the references to Appendix 2 would add confusion and create uncertainty.
- 4.29 Ms Walker sought amendments to Rule 22.2.8 relating to clearance outside an SNA. She considered the relief sought was practical, would provide more certainty, avoid duplication and ensure Council continues to meet its obligations under the RMA. Ms Walker's concerns were that the thresholds will have a limiting effect on farming practice.<sup>24</sup> Ms Walker expressed concern that there was little distinction made between provisions for earthworks and vegetation clearance activities that apply inside or outside SNAs.
- 4.30 Mr Bruce Cameron presented from a farming perspective and considered that the stewardship by the landowners of indigenous bush has been good, especially illustrated by the maps shared by WRC of indigenous bush lines from 1974 to 2017. Mr Cameron emphasised the need for indigenous vegetation to be considered an asset, not a liability due to the rules in a district plan. He considered there had to be an incentive for the farmers to protect these areas from livestock as the fencing costs are significant. He

<sup>&</sup>lt;sup>24</sup> Ibid Paragraphs 69-73.

expressed concern about the practicality of managing earthworks near kauri, especially where cultivation is being undertaken.

- 4.31 Ms Grace Wilcock attended the hearing and outlined her concerns that a large farm cannot be managed in the same way as a lifestyle block in terms of indigenous vegetation. She expressed concern about the imposition of more stringent rules that prevent landowners managing their vegetation, particularly where the ecological values have been compromised by the expressway through Tamahere.
- 4.32 Mr Dharmesh Chhima presented planning evidence on behalf of Hynds Pipes Systems and Hynds Foundation (collectively, Hynds). Mr Chhima questioned Ms Chibnall's recommendation to amend the definition of an SNA. Mr Chhima considered the recommended definition of SNA will create uncertainty for landowners seeking to use or develop land that has indigenous vegetation, and it is important that all parties having a clear understanding on whether an activity is permitted or not. He considered that Ms Chibnall's recommended amendments to the definition would not provide certainty. He did however support Ms Chibnall's recommendation to remove the northern SNA on the site at 62 Bluff Road, Pokeno from the planning maps.<sup>25</sup>
- 4.33 Dr Mark Bellington presented ecological evidence also on behalf of Hynds, which assessed the SNA identified on Hynds' site. He advised that the area is not a natural ecosystem nor a wetland under the RMA, the National Policy Statement for Freshwater Management or the National Environment Standards for Freshwater Management; therefore, it does not meet the criteria for an SNA.<sup>26</sup>
- 4.34 Ms Collette Hanrahan presented at the hearing and expressed her opposition to the mapping of SNAs. Ms Hanrahan stated her support for WRC's submission to amend the definition of 'Conservation activity' to exclude establishment of walkways, cycleways and accessory buildings.
- 4.35 Mr Marc ter Beek provided evidence that expressed concern at the incorrect mapping of the SNA boundary on his property at 49 Swallow Lane, Tamahere, particularly since the species are exotic she-oaks.
- 4.36 Mr Warwick Cheyne provided evidence and appeared at the hearing. His evidence sought to defer implementing SNAs for three years and if this was not an option, then requested removal of the SNA from the property at 648 Waipuna Road and from all privately-owned properties.
- 4.37 Bruce and Kirstie Hill presented evidence on behalf of the Hill Countries Farming Group and supported the removal of SNA mapping, particularly given the inaccuracy. They

<sup>&</sup>lt;sup>25</sup> Summary of Evidence by Dharmesh Chhima, dated October 2020.

<sup>&</sup>lt;sup>26</sup> Statement of Evidence of Dr Mark Bellingham, Paragraphs 26-27, dated October 2020.

explained that SNAs exist in a stable equilibrium with current land use and suggested that ground-truthing could be deferred until prompted by a change in status or land use. They considered that importing fill to SNAs is no threat to indigenous biodiversity in the context of tracks.<sup>27</sup>

- 4.38 The evidence explained that the nature of fencing and tracking projects may be large yet happen infrequently. They considered that volume and area limits for earthworks for the purpose of constructing or maintaining tracks, fences or drains over a 12-month period is inappropriate and instead suggested a rolling average is applied.<sup>28</sup> They expressed concern that manuka and kanuka meet the criterion to be an SNA and these species (as well as totara) are invasive and persistent species that effect pasture maintenance.<sup>29</sup> The evidence expressed concern at the lack of compensation for the good efforts already put in by landowners and considered that at the very least rates rebate pro-rata for land designated SNA should be provided. They believed the quality of an SNA is more important than the quantity.
- 4.39 Mr Phil Swann supported the removal of SNA mapping from 1384/12665 Whaanga Coast Road. He expressed concern that the PDP does not allow the harvesting of kanuka or manuka for firewood, and if they cannot manage these species the farm will revert to being covered in this species. He highlighted the need to maintain the grass area as productive land.
- 4.40 Ms Sarah Nairn presented evidence on behalf of The Surveying Company and while she supported Ms Chibnall's recommendation to remove SNAs that have not been ground-truthed, she did not support the recommended amendment to the definition of an SNA (which adds reference to Appendix 2). Ms Nairn considered this will create a lack of transparency as provisions need to be clear as to when and where they apply.<sup>30</sup>
- 4.41 Mr Mark Mathers described the property at 536 Wainui Road, Raglan and expressed concern at being restricted as a result of their own plantings. He also was concerned that the identification of SNA affects his ability to develop the site for housing for his family. Some of the areas identified as SNA included a commercial woodlot.
- 4.42 Mr Steven and Mrs Theresa Stark described their steep hill country farm and sought the ability to maintain productive pasture by removing invasive regenerating manuka, kanuka and totara. They explained that they have a kauri tree located right next to an existing access track and considered that getting a consent for any earthworks near is

<sup>&</sup>lt;sup>27</sup> Summary of presentation of Hill Country Farmers Group, Paragraphs 9-11, 20 November 2020.

<sup>&</sup>lt;sup>28</sup> Ibid Paragraphs 13-15.

<sup>&</sup>lt;sup>29</sup> Ibid Paragraph 18-20.

<sup>&</sup>lt;sup>30</sup> Statement of Evidence of Sarah Nairn on behalf of The Surveying Company, dated 29 October 2020.

not logical. They also expressed concern that the rules regarding outside an SNA are more stringent than inside an SNA.

- 4.43 Mr Craig Pilcher presented evidence on behalf of Bathurst Resources Limited and BT Mining Limited. The evidence from Mr Pilcher covered the following aspects:<sup>31</sup>
  - a. Functional need he observed that because a coal deposit is fixed at a specific location, it must be extracted at that location. He considered that coal mining has a functional need to be located where the coal deposits are, and it is also more efficient to establish new coal mining in locations that can utilise existing infrastructure;
  - b. Identification of an SNA he supported the removal of SNA mapping, especially given that mapping was undertaken without ground-truthing. He expressed concerns that constraints are to be imposed based upon a high-level, untested desktop review. Mr Pilcher provided insight into the assessments undertaken by AECOM ecologists of areas they could access safely and recommended the boundaries of the SNAs be reduced as they do not meet the criteria of the RPS. Mr Pilcher also queried the application of the Appendix 11A of the RPS and stated it is not possible to identify SNAs without proper ecological assessment; and
  - c. Future resource consent applications and assessment he sought amendments to ensure that mining operations and development are not unduly restricted by the proposed SNA regime. He explained that the rehabilitation of mining areas are also subject to conditions of a coalmining license or coal mining permits.
- 4.44 Mr Joshua Leckie and Ms Kelsey Barry presented legal submissions on behalf of Bathurst Resources Limited and BT Mining Limited generally supporting the SNA framework. They sought minor amendments: to ensure that the functional need of some activities to locate within SNAs is recognised; to ensure appropriate provision for offsetting and environmental compensation; and to ensure that the 'no net loss' requirement for offsetting does not result in a 'no adverse effects' application. The evidence addressed the following specific provisions:<sup>32</sup>
  - Support for Ms Chibnall's recommended deletion of Rule 22.2.3.3 and replacement of Rule 22.2.3.3 RD1 with Rule 22.2.3.1 RD2. They also expressed support for new matter of discretion (iii) relating to the functional and operational need for the earthworks;

<sup>&</sup>lt;sup>31</sup> Statement of Evidence of Craig Pilcher for Bathurst Resources Limited and BT Mining Limited, Paragraphs 8 and10, dated 29 October 2020.

<sup>&</sup>lt;sup>32</sup> Legal submissions of behalf of Bathurst Resources Limited and BT Mining Limited, dated 16 November 2020.

- Support for Ms Chibnall's recommendation to extend Rules 22.2.7 and 22.2.8 to apply to all vegetation, not only indigenous vegetation, and the related permitted activity status for clearance of non-indigenous species inside an SNA (Rule 22.2.7 P9) and outside an SNA (Rule 22.2.8 P5);
- c. Retain notified Rule 22.2.7 D1 and reject proposed Rules 22.2.7 D2 and D3 on the basis that they effectively duplicate catchall rule D1;
- d. Consequentially amend notified Rule 22.2.8 RD1 to apply in the instance that Rules 22.2.8 P1 P5 are not triggered;
- e. Consequently reject Ms Chibnall's proposed Rule 22.2.8 RD2 because it effectively duplicates catchall Rule 22.2.8 RD1;
- f. Include a functional and operational matter of discretion in Rule 22.2.8 RD1 (and RD2 if retained), like that recommended by Ms Chibnall in 22.2.3.1 RD2; and
- g. Include an 'offsetting matter of discretion' in 22.2.3.1 RD2 like that proposed at Rules 22.2.8 RD1(b)(vi) and RD2(b)(vi).
- 4.45 Ms Angeline Greensill presented evidence on behalf of Tainui o Tainui and echoed many of the other submitters that kanuka, manuka and totara are not valued because they are growing in the wrong place on pasture. She observed that Tainui o Tainui have little land left, and there are a number of overlays which constrain the potential to develop. She expressed a desire to be able to utilise their land. She considered that they have the capability to take care of their land, in the same manner as other farmers.
- 4.46 Ms Pauline Whitney presented evidence on behalf of Transpower New Zealand Ltd (Transpower) addressing the relationship between Chapter 3 Natural Environment and Chapter 6 Infrastructure. She addressed Ms Chibnall's recommended amendment to the definition of SNA and highlighted the challenges of unidentified SNAs for a linear asset such as the National Grid. Ms Whitney addressed specific provisions as follows:<sup>33</sup>
  - a. She supported the submission of Meridian Energy Limited to remove the word 'enhance' from Objective 3.2.1 for SNAs, as the RMA requires 'protection' not 'enhancement';
  - b. However, she opposed replacing 'and' with 'or' in Objective 3.2.1;
  - c. She supported the recommended amendment to Policy 3.2.3, however should further changes be made to Section 6.2, would seek an amendment to Policy 3.2.3 to give effect to the National Policy Statement for Electricity Transmission;
  - d. She supported minor amendments to the wording of the Funding Policy;
  - e. With regards to Policy 3.2.3 Management Hierarchy Ms Whitney suggested amending the policy to use the wording 'more than minor' in clauses (i) and (ii) and in clause (iv) to insert the word 'consider';

<sup>&</sup>lt;sup>33</sup> Summary of Evidence (Highlight Package ) of Pauline Whitney of behalf of Transpower New Zealand Ltd dated 17 November 2020.

- f. She supported the new Policy 3.2.3 Functional requirement but recommended the policy also refers to 'operational need'; and
- g. She supported Ms Chibnall's section 42A recommendations for Policy 3.2.4 Biodiversity Offsetting and Policy 3.2.6 Providing for vegetation clearance.
- 4.47 Mr Andy Loader appeared on behalf of First Rock Consultancy and considered that the SNAs should be able to be contested by landowners and only mapped as an SNA after the vegetation has been verified by an ecologist.
- 4.48 Mr David Serjeant presented evidence on behalf of KHC Trust and expressed support for the general approach of ground-truthing prior to mapping. He clarified that deletion of the SNA from the property at 170 Port Waikato-Waikaretu Road was not sought, and as a result of discussions between the parties, the mapping has been recommended by Ms Chibnall to be retained on this property. Mr Serjeant supported Ms Chibnall's recommended amendment to the definition of SNA to refer to Appendix 2.
- 4.49 Mr Terence Denton provided evidence addressing the SNA on the property at 40 Cameron Town Road, Pukekohe. His evidence showed how the SNA mapping had captured the garden area on the property which includes vegetation that is not indigenous. He expressed concern that Ms Chibnall's recommended amendments to the definition of SNA would unintentionally capture garden areas and therefore the rule framework would apply.<sup>34</sup>
- 4.50 Mr Norris Peart sought that the SNA be reduced on his property at 274 Okete Road and flexibility to be able to use the land. He explained that some of the vegetation that has been mapped as SNA has pasture underneath, and areas of open grass that are grazed.
- 4.51 Mr Michael Wood appeared on behalf of Waka Kotahi New Zealand Transport Agency (Waka Kotahi). Mr Wood largely expressed support for the section 42A report recommendations in terms of Waka Kotahi's designations and the recommended addition to Policy 3.2.6 (providing for vegetation clearance). While the original submission sought to delete the SNA mapped on existing Waka Kotahi's designations, Mr Wood reconsidered this position and advised that he does not seek the total removal of SNAs from the designations. He outlined his support for the use of SNAs as a tool to protect ecological areas providing these areas do not unduly impact on the maintenance or minor upgrades of the highway network and have been mapped on the basis of ground-truthing. He provided maps which provided insight to the modification of SNAs on the Huntly Bypass of the Waikato Expressway.<sup>35</sup>

<sup>&</sup>lt;sup>34</sup> Statement of Evidence of Terence Denton and Bernardina Van Loon, dated 29 October 2020.

<sup>&</sup>lt;sup>35</sup> Statement of evidence of Mike Wood on behalf of Waka Kotahi NZ Transport Agency, dated 22 October 2020.

- 4.52 Mr Kim Robinson filed a statement of evidence on behalf of Lochiel Farms; however Ms Pervinder Kaur attended the hearing. Mr Robinson's evidence addressed Rule 22.2.7 Indigenous vegetation clearance inside an SNA where he sought to include "repairing or reinstating" in terms of an existing track. He did not agree that "maintaining" covered repairs. Mr Robinson provided an example of a slip and reinstating the track. Regarding Rule 22.2.8 Indigenous vegetation clearance outside an SNA, Mr Robinson considered all controls should be removed so pasture maintenance can occur and in respect of this activity that section 10 of the RMA should apply.<sup>36</sup>
- 4.53 Mr Christopher Scrafton presented evidence on behalf of TaTa Valley Ltd (TaTa Valley) and expressed concerns over Ms Chibnall's recommended amendment to the definition for an SNA to include reference to meeting the criteria of Appendix 2: Criteria for Determining Significance of Indigenous Biodiversity. Mr Scrafton sought amendments to the following specific provisions:<sup>37</sup>
  - a. Objective 3.2.1 Significant Natural Areas to read '*protected or enhanced*' to better reflect Policy 11.1 of the RPS which is to maintain <u>or</u> enhance indigenous biodiversity;
  - Policy 3.2.3 sets out the effects management hierarchy but is overly restrictive. He made the point that while avoidance is generally preferred it is not always practicable and that the policy should also consider the values of indigenous vegetation;
  - c. He preferred the use of "more than minor" in Policy 3.2.4 Biodiversity offsetting;
  - d. He supported a new clause recognising the operating, maintaining or upgrading of existing infrastructure in Policy 3.2.6 but sought that clause (i) be relocated to be under (a) rather than Policy 3.2.6 (b);
  - e. Inclusion of a new policy regarding functional requirements to recognise activities like infrastructure and conservation activities;
  - f. Inclusion of a new policy to set out the effects management hierarchy for indigenous vegetation outside of an SNA; and
  - g. If Policy 3.2.2 is retained, he sought amendments to clause (b) to ensure the characteristics that contribute to their significance are not adversely affected by following the effects management hierarchy in Policy 3.2.3.
- 4.54 Mr Scrafton considered that the protection of indigenous biodiversity within SNAs should be focused on protection of values as opposed to SNA area. Mr Scrafton did not agree with the evidence of Ms Foley on behalf of WRC, who contended that plan mapping should automatically be accepted as a representation of reality in all cases and that the implications of having an SNA inaccurately identified on a property are minor. He did not

<sup>&</sup>lt;sup>36</sup> Statement of Evidence of Kim Robinson on behalf of Lochiel Farmlands Limited, dated 28 October 2020.

<sup>&</sup>lt;sup>37</sup> Statement of Evidence of Christopher Scrafton on behalf of Tata Valley Ltd, dated 29 October 2020.

consider that including SNA mapping in the PDP will ensure that SNAs are identified as per the RPS.<sup>38</sup> He considered that SNA provisions should utilise mapping of areas that qualify where there is a high degree of confidence and recognise the limitations of SNA mapping.

- 4.55 Mr Tim Newton spoke about the property at 1665 Whaanga Road and the rules regarding activities in an SNA. He considered that SNAs need to be properly (and accurately) defined, and the rules need to enable the existing farming operation.
- 4.56 Ms Jean Tregidga attended the hearing and sought removal of the three SNA blocks from her property. She expressed concern regarding the restriction of activities in the SNAs.
- 4.57 Mr Mark Arbuthnot presented evidence while Mr Anthony Blomfield filed evidence on behalf of Dilworth Trust Board. Both sought to amend indigenous vegetation clearance rules outside of an SNA for the purpose of remediation and stabilisation of the banks of a stream, river, or other water body. Mr Arbuthnot considered that the activity would be consistent with Policy 11.1.4 of the RPS which directs district plans to include permitted activities in relation to the maintenance or protection of indigenous biodiversity where the effects of the activity will have minor adverse effects on the vegetation. Mr Arbuthnot considered there should be a permitted activity rule in the PDP to facilitate this, which should also equally apply to the removal of vegetation to the banks of water bodies for undertaking remediation and stabilisation works to protect property from serious damage. He also sought a new policy that provides for vegetation clearance outside of an SNA.<sup>39</sup>
- 4.58 Mr William Murphy presented evidence on behalf of Dermot Murphy and addressed 82 hectares of SNA and Significant Amenity Landscape on the site at 243 Frost Road. He explained that the soil makeup of the land makes it very valuable for a wide range of uses due to the fertile topsoil and underlying sand. He stated that he would be happy to legally covenant the 25-hectare area at the southern end of the property which would meet the criteria in Appendix 2 but maintained that the balance of the alder forest is not an SNA. He considered that having an SNA could restrict cattle from grazing the area, which is a significant part of the farming operation during the dry months.
- 4.59 Mr Brian Butt presented evidence on behalf of his family trust Kiana Lace with regards to the property at 399 Bedford Road, Te Kowhai. He explained that while he initially sought removal of the SNA from the rear portion of the property, he expressed support

<sup>&</sup>lt;sup>38</sup> Rebuttal Evidence of Christopher Scrafton on behalf of Tata Valley Limited, Section 2, dated 5 November 2020.

<sup>&</sup>lt;sup>39</sup> Summary Statement of Evidence of Mark Arbuthnot on behalf of Dilworth Trust Board, dated 17 November 2020.

for the recommendations of Ms Chibnall and Mr Turner to amend the extent of the SNA to only that area which has significant indigenous vegetation.

- 4.60 Mr Sam Shears filed evidence on behalf of Delta Property Group that generally supported Council's introduction of the ability to restore and enhance existing areas of SNAs that may not currently meet the minimum area for conservation lot subdivision, and Ms Chibnall's recommended amendments to Policy 3.2.8 Incentivise Subdivision.
- 4.61 Ms Pam Butler filed evidence on behalf of KiwiRail Holdings Limited in respect of Chapter 3 and the Planning Maps. The letter generally accepted the recommendations in the section 42A report in response to the KiwiRail's submission points.
- 4.62 Ms Christine Foster filed evidence on behalf of Meridian Energy Limited (Meridian) and concurred with Ms Whitney on behalf of Transpower by opposing the use of the term "enhancement" in Objective 3.2.1. Ms Foster also addressed Policy 3.2.3 Management Hierarchy where she considered that the word "significant" should remain in the policy in preference to "more than minor". She considered that in a mitigation hierarchy, avoidance should be reserved for significant adverse effects, not all effects or effects that are close to minor.<sup>40</sup>
- 4.63 Ms Lynette Wharfe tabled evidence on behalf of Horticulture New Zealand. She did not agree with the section 42A report and considered that adding various exclusions as sought in the submission of Horticulture New Zealand would be appropriate (regarding the definition for vegetation clearance, and not including reference to amongst other things, unwanted organisms). Her evidence set out amendments to the definition of vegetation clearance, and Rules 22.2.7 P1 and 22.2.8 P1 to enable response and disposal to an incursion of an unwanted organism under the Biosecurity Act 1993.<sup>41</sup>

#### 5 Panel Decisions

5.1 We note that 623 primary submission points were received on the Natural Environments provisions and these were considered in a comprehensive section 42A report, rebuttal and closing statement prepared by Ms Chibnall who recommended a number of changes. We have structured our decision into sections which largely reflect the key matters raised in submissions and evidence, followed by our findings on the remaining provisions. Given the sheer volume of submissions, we do not attempt to address every submission point but focus on the key changes and our reasons for each section.

Definition of an SNA

<sup>&</sup>lt;sup>40</sup> Statement of Evidence of Christine Foster on behalf of Meridian Energy Limited, Paragraph 12, dated 29 October 2020.

<sup>&</sup>lt;sup>41</sup> Statement of Evidence of Lynette Wharfe on behalf of Horticulture New Zealand, Paragraph 8.1, dated 29 October 2020.

- 5.2 Central to this topic is the definition of a "Significant Natural Area" and whether it is limited to those areas identified as an SNA on the district plan maps, or whether it should include any indigenous vegetation that meets the criteria in Appendix 2: Criteria for Determining Significance of Indigenous Biodiversity, regardless of whether or not it is mapped.
- 5.3 We support the identification of SNAs on planning maps and that the rules for SNAs should relate explicitly to those mapped sites. While we understand the challenges faced by Council in having to: rely on region-wide data provided by WRC (some of which is not accurate); access sites; identify the attributes; and accurately map the SNAs on private property, we consider that this approach provides far more certainty for landowners, network utility operators and Council. We note this is the approach favoured by the draft National Policy Statement on Indigenous Biodiversity. This is also preferable to relying instead on the criteria which would lead to the perverse outcome where a single tree in a garden (or indeed a paddock) could well be deemed to be an SNA. Having carefully considered the costs and benefits of the various options suggested by Ms Chibnall and submitters such as Ms Walker, we consider this approach to be the most effective and efficient in achieving the objectives in Chapter 3 Natural Environments.

#### Mapping of SNA sites

- 5.4 It was apparent to us that the data that informed the mapping of SNAs in the PDP was inaccurate. For this reason, we have deleted all the SNAs from the planning maps, except for the following:
  - a. Those that have been visited and verified (in terms of consistency with Appendix 2 criteria and spatial extent) by Ms Chibnall and Mr Turner;
  - b. Submitters that have appeared at the hearing with clear photographs and evidence of their properties;
  - c. Sites in public ownership such as Department of Conservation, WRC and Council; or
  - d. QEII National Trust-covenanted sites.
- 5.5 We accept the proposition advanced by farmers at the hearing that on the whole, farmers are excellent stewards of the land generally, and indigenous vegetation specifically. We also accept that the existence of SNAs on privately-owned farmland today is due to the care that past landowners and farmers have taken of the indigenous vegetation. We are also aware that the National Policy Statement for Indigenous Biodiversity is likely to be released shortly and the draft versions have indicated that councils will be required to map and assess all of the indigenous vegetation in their districts in some detail. For all these reasons, we consider that there is a low risk of landowners taking advantage of a lack of interim protection of indigenous vegetation. Given all the options available to us, we consider it would be inappropriate to retain mapping where it has not been verified by Ms Chibnall or Mr Turner, and would likely

result in resource consent applications being required for disturbance of vegetation that do not meet the Appendix 2 criteria and should not be an SNA.

- 5.6 Based on our consideration of the issues, we have grouped submissions into the following four categories:
  - a. Retained the SNA as notified where land is in public ownership or is already protected by a conservation protection mechanism (such as QEII National Trust covenant);
  - b. Retained the SNA as notified where it has been verified by Mr Turner and Ms Chibnall as being mapped correctly;
  - c. Amended the geographical extent of the SNA as a result of the evidence presented to us, either by/on behalf of the landowner and/or because it has been verified by Mr Turner and Ms Chibnall; and
  - d. Deletion of the SNA.
- 5.7 While we have amended the planning maps accordingly, we have only inserted the maps in this decision where we have amended the geographical extent of the SNA.

Submitter	Address
Colette Hanrahan [77.3]	126B Woodcock Road, Tamahere
Mark Emms [75.1] Diane Emms [282.1]	126C Woodcock Road, Tamahere
Jon Harris [327.1]	140B Woodcock Road, Tamahere
Roderick MacRae [331.1]	142 Woodcock Road, Tamahere
The Bardsley No. 1 Family Trust [100.1]	31 Birchwood Lane, Tamahere
Riverdale Group Ltd [719.3]	102 Hooker Road, Tamahere
John and Roselei Holland [135.1]	368 Riverview Road, Huntly
Seumas MacDonald [728.2]	658 Te Akau South Road
S, J and Z Ifwersen [437.1]	170 Port Waikato Waikaretu Road

Retain SNA as notified

Jean Tregidga [731.13]	Lyons Road, Mangatawhiri
Jianjun Li [394.26]	312 Parker Lane, Buckland
K Dooley [90.1]	38 Hermitage Road, Waiuku
F & S Turton [706.1]	616 Matahuru Road, Matahuru
R Luders [273.9]	635 Mangapiko Road, Waiterimu
C & E Barakat [268.4]	648 Waipuna Road, Waerenga
J Holland [591.13]	300 River Road, Huntly
B & A Harvey Limited [132.1]	Balemi Road, Ohinewai

## Amended geographical extent

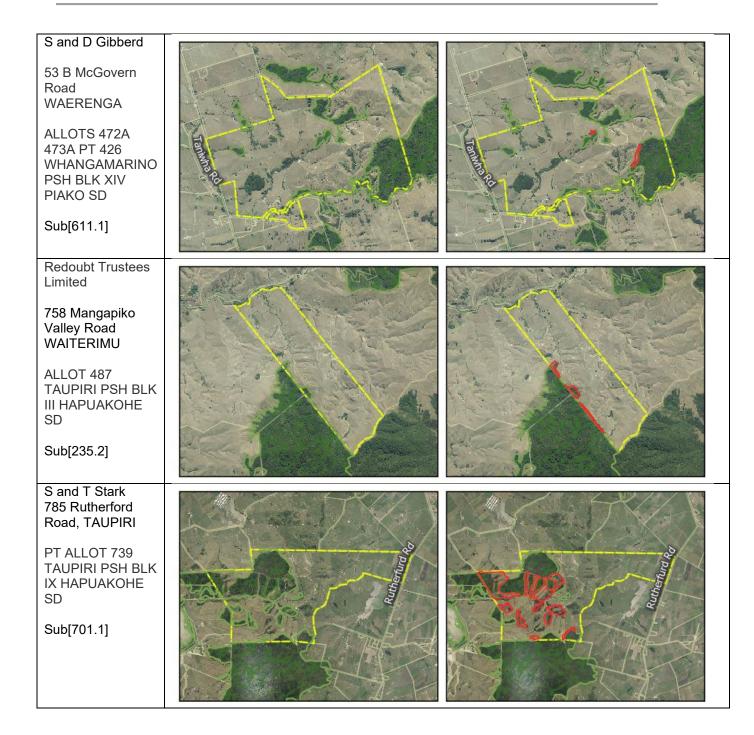
#### Note: Yellow delineates property boundary

Address/Legal/ Sub No.	Notified Map (Green line indicates extent of SNA)	Decision Map (Red line indicates SNA to be removed) (Lime green indicates SNA to be added)
P Bullock and D Capstick 40B Cameron Town Road, PUKEKOHE LOT 1 DP 120337 Sub[643.1]	Cameron Town Ro	Cameron Town Ro
Terence Stephen Allan Denton 40 Cameron Town Road, PUKEKOHE LOT 3 DP 120337 Sub[352.1]		
G And S Morse 63 Parker Lane PUKEKOHE LOT 1 DP 122885 Sub[20.2]	Parker Lane	Parker Lane

## Decision Report 9: Significant Natural Areas Report and Decisions of the Waikato District Plan Hearings Panel

D and L Lawrie 52 B Mill Road, BOMBAY PT LOT 2 DP 52223 SUBJ TO QEII COV Sub[78.1]	
Kyung Koo Han and Sun Kyung Kang 7C Ridge Road, TUAKAU LOT 4 DP 133049 Sub[961.1]	
McPherson and Co 47 McPherson Road, MANGATAWHIRI MANGATAWHIRI ALLOTS 161-164 MANGATAWHIRI PSH ALLOTS 22 139 SEC 1 MANGATAW HIRI PSH Sub[691.16]	<image/>

Ryburn LagoonTrust 159 Serpell Road, POKENO LOT 4 DP 182809 Sub[747.1]	<image/>
Selwyn Taylor Morrison Road, TUAKAU PT LOT 1 DPS 34002 Sub[718.1]	
McDougall and co 980 Churchill Road, TUAKAU LOT 3 DPS 27386 LOT 2 DPS 27385 SUBJ TO LAND COV DP 471622 Sub[844.1]	<image/>



## Decision Report 9: Significant Natural Areas Report and Decisions of the Waikato District Plan Hearings Panel

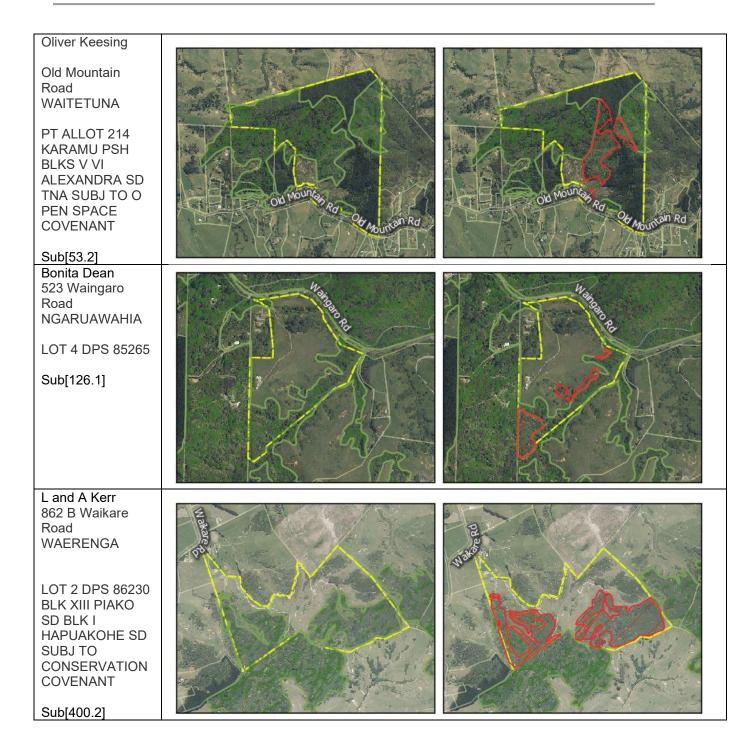
J and D Tate 72 James Road HUNTLY LOT 2 DP 366514 BLK XII RANGIRIRI SD INT IN ESMT Sub[494.2]	
M and K Stead 703 B Te Kowhai Road, TE KOWHAI LOT 2 DPS 37883 LOT 1 DPS 83067 BLK XV NEWCASTLE SD Sub[834.1]	Te Kowhai Rd
A and D Hutt 154 Orini Road, TAUPIRI ALL DP 19970 BLK XVI RANGIRIRI SD BLK IV NEWCASTLE SD Sub[21.1]	

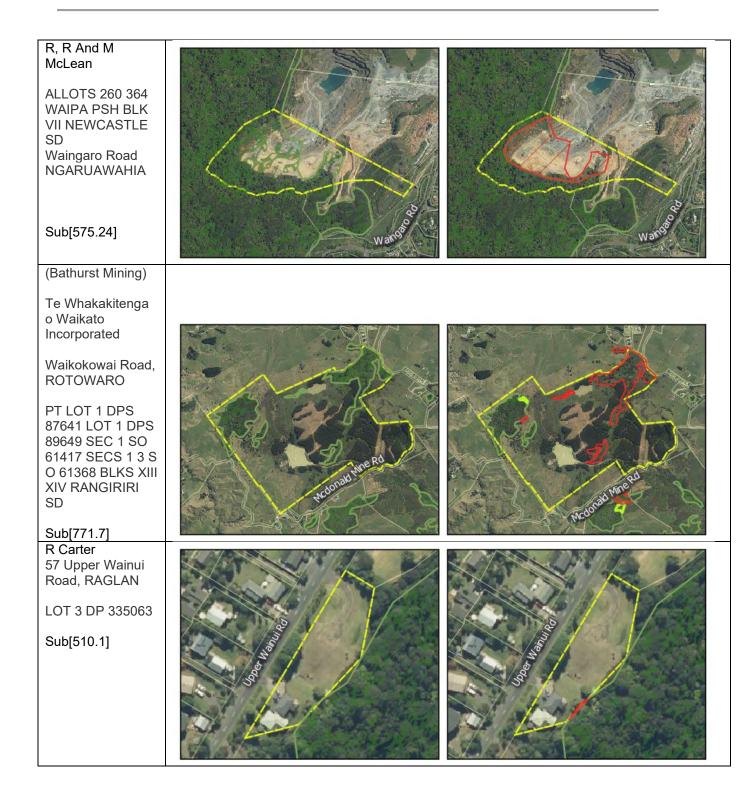
Elvin Priest and Co 29 Kendrick Lane, TAMAHERE LOT 4 DPS 4591 BLK III HAMILTON S D Sub[9.1]	<image/>
Guy Rathbone 5254 Highway 22 NGARUAWAHIA LOT 5 PT 3 4 DP 33080 ALLOTS 422-425 427 PT ALLOT 213 PEPEPE PSH BLK IV WHAINGAROA SD Sub[125.1]	
J and D Tate 185B Hakarimata Road, NGARUAWAHIA PT ALLOTS 122 123 127 PEPEPE PSH BLKS III VII NEWCASTLE SD P T SEC 6 SO 52669 LOT 1 DPS 67131 SUBJ TO ESMT DP 474562 Sub[494.4]	P P P P P P P P P P P P P P P P P P P

J and H Ensing 383 Karakariki Road, KARAKARIKI LOT 2 DPS 58980 Sub[30.1]	Contraction of the second seco	Contraction of the second seco
G Kirkbride and co 35 Karakariki Road, KARAKARIKI LOT 2 DPS 30291 LOT 1 DPS 58059 LOT 2 DP 337077 LOT 3 DPS 85 856 BLKS XIV XV NEWCASTLE SD SUBJ TO ESMTS Sub[240.1]	Karaharki Valley Rd	Karakartki Valley Rd
L Hughes 17 Calvert Road Whale Bay, RAGLAN LOT 2 DPS 16189 BLK IV KARIOI SD Sub[301.2]	Calvert Rd Barrier Rd	Calvert Rd B B B B B B B B B B B B B B B B B B B

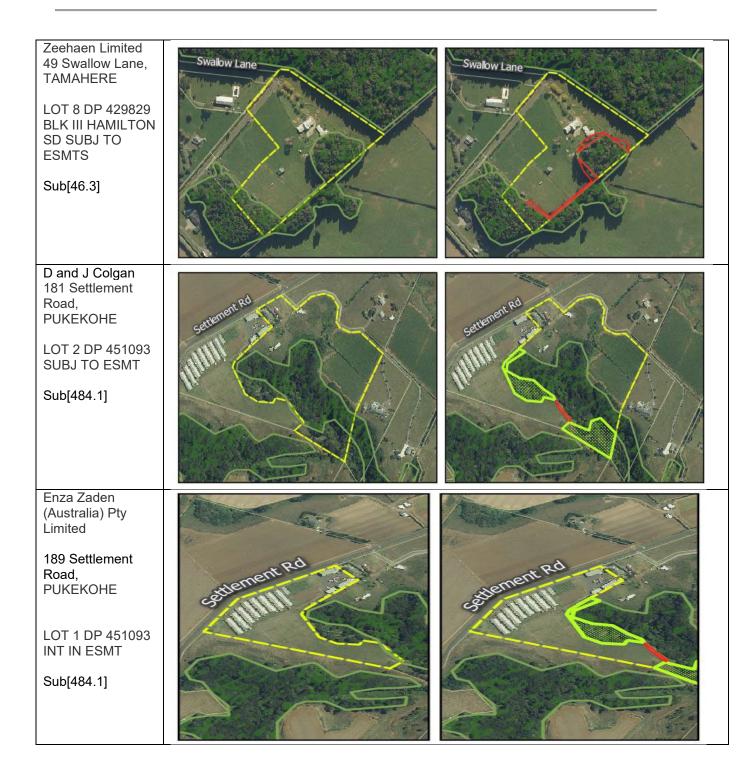
Bernard Brown 759 Wainui Road, RAGLAN WHAANGA 1B2B1A BLK IV KARIOI SD Sub[669.7]	Wainui Rd
65 Karioi Road, RUAPUKE LOT 6 DP 359810 BLK VIII KARIOI SD SUBJ TO & INT IN ESMTS Sub[501.1]	
S and M Mathers 536 Wainui Road, RAGLAN LOT 1 DPS 83978 Sub[232.1]	

Robert Morton Jones 35 A Norrie Avenue RAGLAN LOT 2 DPS 58813 Sub[346.1]	<image/>
Martin Bloxham 13 Te Awa Lane, TAMAHERE LOT 1 DPS 66958 LOT 3 DP 328563 BLK VII HAMILTON SD Sub[101.1]	
2003906 Isobel Margaret Waitere Te Akau Wharf Road, TE AKAU SOUTH LOT 3 DPS 46556-OPEN SPACE COVENANT Sub[176.1]	

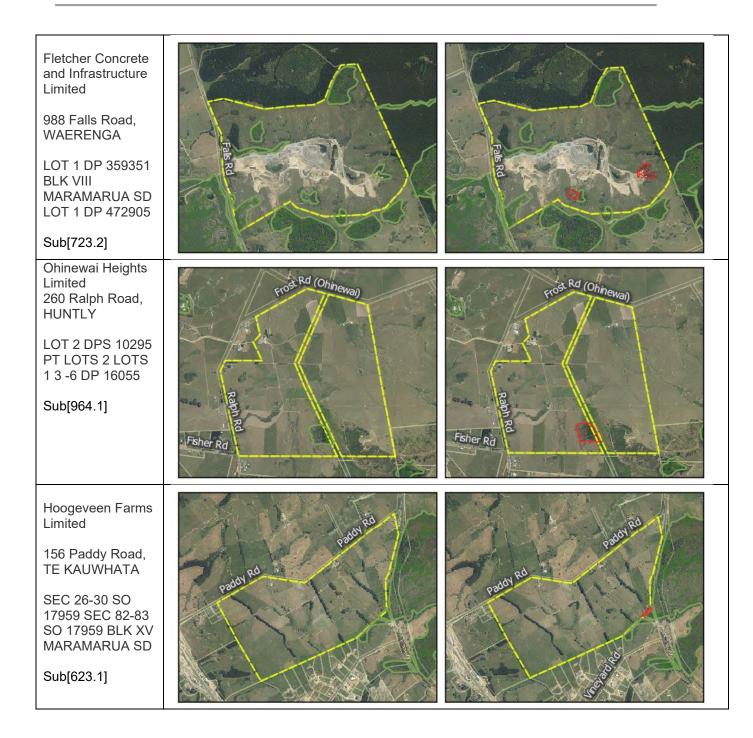


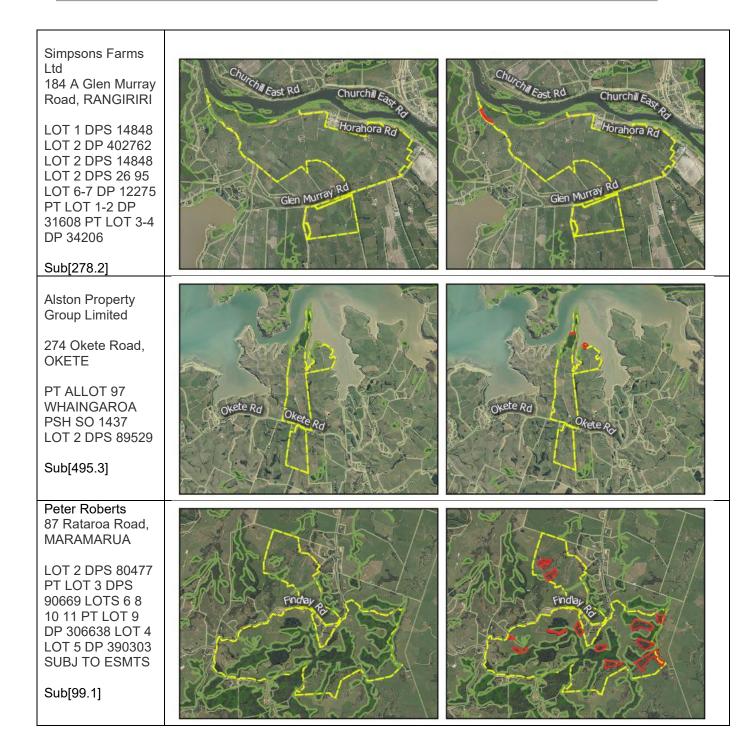


Tibet Farm Ltd 1665 Whaanga Road, RAGLAN LOT 3 DP 352682 BLK VIII KARIOI SD Sub[104.1]	<image/>
P McCallum and M Wilcox 996 Te Papatapu Road, TE MATA LOT 4 DP 411951 BLK XIII KARIOI SD SUBJ TO & INT IN ESMTS Sub[11.1]	
R and C Rumble 1807 Whaanga Road, RAGLAN LOT 3 DP 415659 BLK VIII KARIOI SD SUBJ TO OPEN SPACE COVENA NT DPS 68067 Sub[737.1]	Volume Participant and the second sec

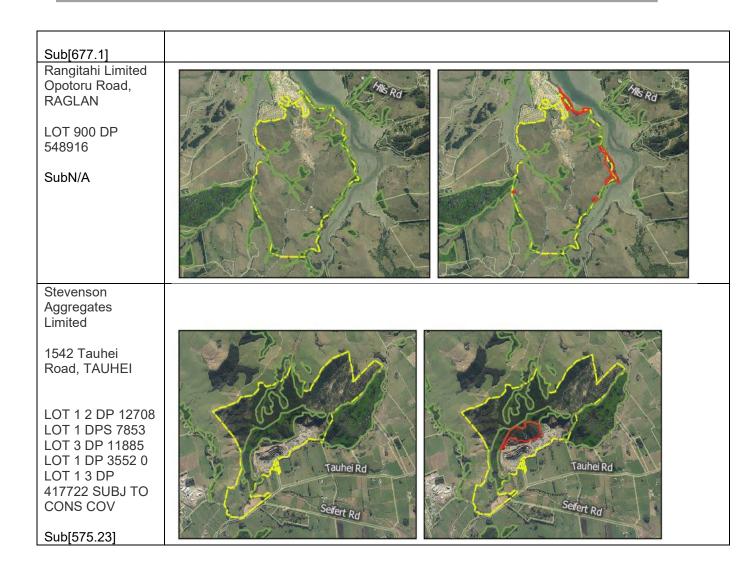


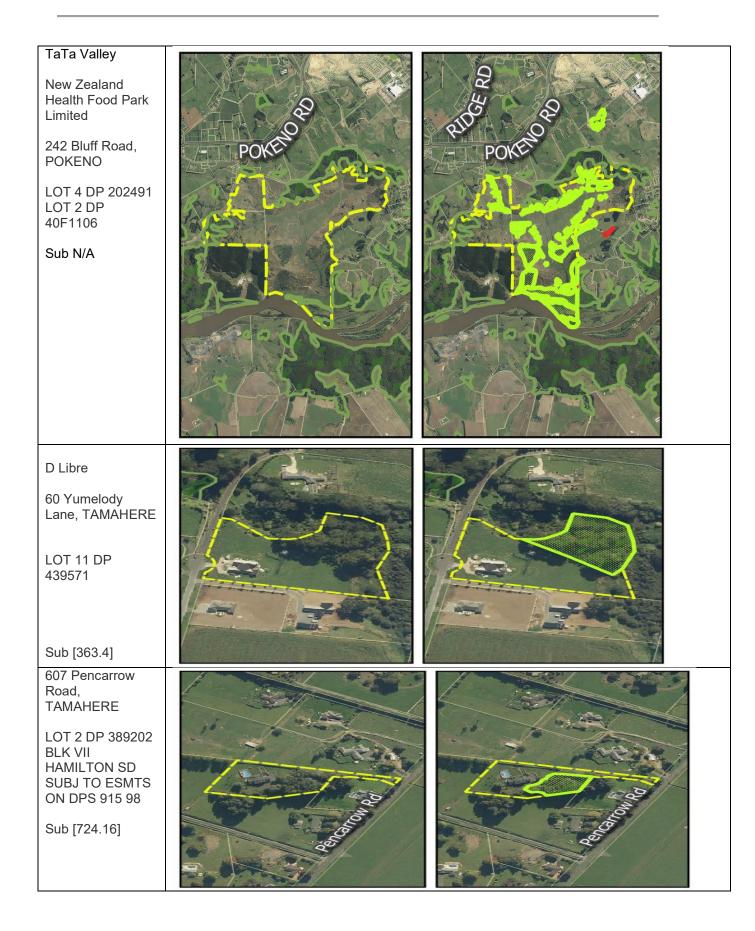
Hynds Foundation 62 Bluff Road, POKENO LOT 2 DP 463893 Sub[548.2]	
B And P Day 656 Wainui Road, RAGLAN LOT 1 DP 463845 Sub[760.2]	
Caroline Margaret Swann 1384 Whaanga Road, RAGLAN PT ALLOT 113 KARIOI PSH SO 1301 PT ALLOT 113 KARIOI PSH SO 1301 and 6 more Sub[358.3]	

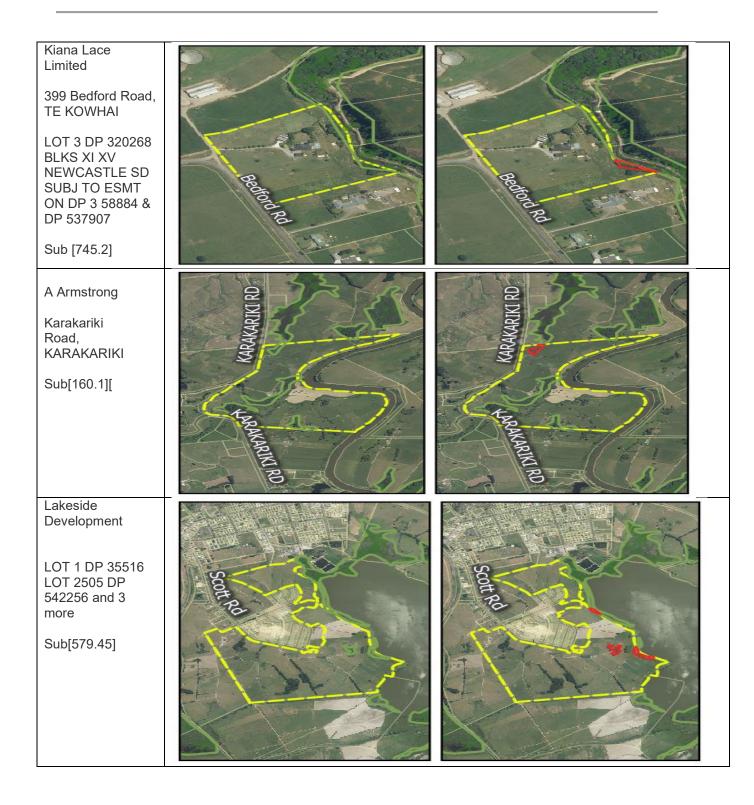


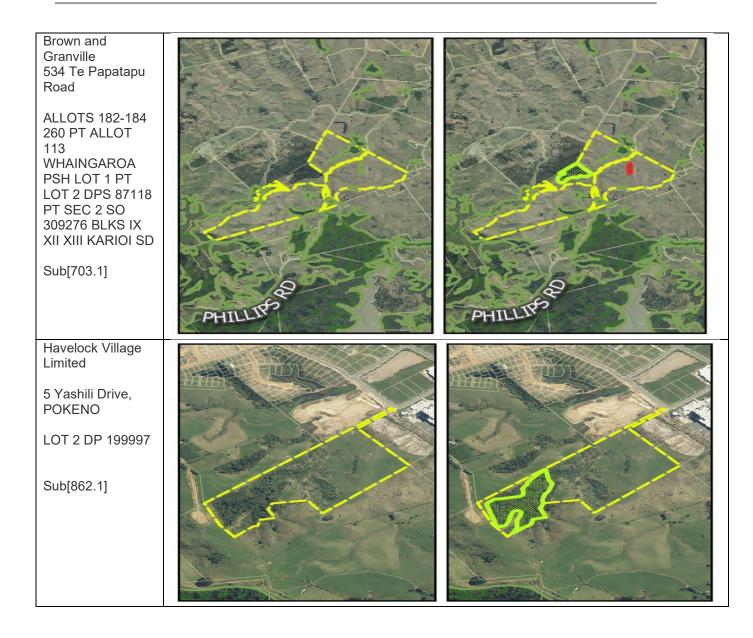


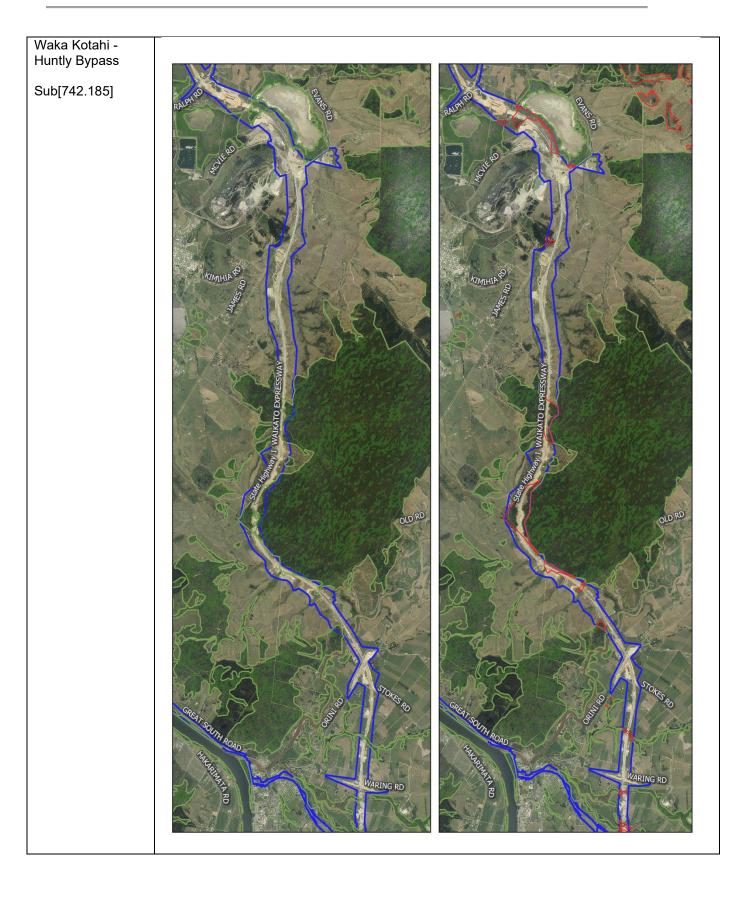
Lochiel Farmlands Limited 316 Allen And Eyre Road, TUAKAU ALLTS 91 134 261 262 PT ALLTS 113 121 146 190 191 Whangape S D PT 4 BLK 4 No 45 No 50 No 49B1 No49B2 3D3B 51B Opuatia S Sub[349.3] Lochiel Farmlands Limited (additions to SNA) 316 Allen And Eyre Road, TUAKAU ALLTS 91 134 261 262 PT ALLTS 113 121 146 190 191 Whangape S D PT 4 BLK 4 No 45 No 50 No 49B1 No49B2 3D3B 51B Opuatia S Sub[349.3] Arthur Raymond Wright 314 Murray Road, TUAKAU Nurray Rd Murray Rd LOT 1 3 DP 527033 PT ALLT 16 ONEWHERO SD PT ALLT 163 õ ONEWHER O SD LOT 1 DPS 54104 ALLT 145 **ONEWHERO SD** LOT 2 DP 423968











#### Deletion of the SNA

Submitter	Address
D Limmer Limited [601.1]	209 Whangamarino Road, Te Kauwhata
D Limmer Limited [601.1]	596 Waikare Road, Waerenga
H & P Fyers Limited [815.1]	442 Waikare Road, Wairenga
B & A Harvey Limited [132.1]	35 Owen Road, Te Kauwhata
Simpson Farms [278.2]	1675 Ohautira Road, Waingaro
D Hansen [506.2]	83A Paulsen Road, Waerenga
Malcom Jackson [104.6]	1109 Whaanga Road, Raglan
Trever Weaver [410.2]	Te Onetea Road, Rangiriri
Ruakiwi Graziers Ltd [340.2]	343 Jefferis Road, Waerenga
Zhou Wei Shen [153.1]	68 Brown Road
Genesis Energy [924.7]	Genesis Energy

No SNA was identified on the property so no changes are necessary

Submitter	Address
R & R Ranstead [6.1]	149 Cogswell Road, Waitetuna
D Saxton [412.2]	254 Hall Road (113 Hampton Downs Springhill Prison)

Broderick Farms [944.1]	849 Matahuru Road
R Luders [273.9]	280 Mangapiko Road
P Buckley [855.1]	1036 Island Block Road, Meremere
Havelock Village Limited [862.33]	278 Bluff Road, Pokeno
Middlemiss Farm Holdings [794.29]	95 Jericho Road, Harrisville

#### Bats

- 5.8 The evidence of Ms Thurley on behalf of Director-General of Conservation in relation to long-tailed bats stated that much of Waikato District has not been surveyed for the presence of this species of bats. While we understand that the Department of Conservation has a statutory obligation under the Wildlife Act 1953 to protect long-tailed bats, we agree with Ms Chibnall that there is insufficient data to support protection measures being mandated through the PDP.<sup>42</sup> We do not consider it practical to establish SNAs in a 7.2-kilometre radius around each site where long-tailed bats have been confirmed as present, as sought by Mr Riddell, especially given the species is highly mobile.<sup>43</sup> We are also aware from Ms Thurley that bat habitats are not restricted to areas of indigenous vegetation.
- 5.9 We consider that in the absence of thorough and robust information, the rules managing indigenous vegetation clearance both inside and outside an SNA are appropriate to assist in protecting habitats of long-tailed bats. Where clearance of indigenous vegetation is of such a scale or reason to require resource consent, we consider there are appropriate policies and matters of discretion to consider the effects on bats. For example, we note that Policy 3.1.2(b)(ii) requires consideration of the habitats of threatened and at-risk species. We do not consider it necessary to include policies in the PDP for a single species which is highly transient and where there is a paucity of information.
- 5.10 Ms Chibnall recommended including a non-regulatory policy regarding bats which had two parts to it:

<sup>&</sup>lt;sup>42</sup> Closing statement of Susan Chibnall, Paragraph 66, dated August 2021.

<sup>&</sup>lt;sup>43</sup> Evidence in Chief of Andrew Riddell on behalf of the Director-General of Conservation, Paragraph 198, dated 29 October 2020.

- a. Council will support the provision of biodiversity advice and information to landowners; and
- b. Incorporating reference to long-tailed bats in Council's Conservation Strategy.

We have not included the first limb of the policy as we consider this role is most appropriately fulfilled by the Department of Conservation. We consider the acknowledgement of bats in Council's Conservation Strategy is appropriate and have retained this part of Ms Chibnall's additional Policy 3.1.2E.

#### Kauri dieback

- 5.11 While we understand that kauri dieback is a significant issue for this iconic New Zealand species, we consider the suite of provisions proposed by Mr Riddell to be impossible to implement in practice. While we are aware that the Thames-Coromandel District Plan contains rules addressing kauri dieback, we consider that these are highly complex. Having said that, we understand that the Coromandel area has a substantially higher population of kauri than Waikato District and therefore the consequences of the disease are greater in the Coromandel. We are also mindful of Mr Turner's advice that that there are many other means by which the disease can be spread other than via earthworks. We accept Ms Urlich's legal submission that addressing kauri dieback falls within the scope of a district council's functions. We also consider that voluntary and/or educational measures, as proposed by Ms Chibnall and Ms Walker's rebuttal evidence, are inconsistent with the direction from the Environment Court as well as Council's core functions.
- 5.12 We agree with Ms Chibnall's recommendations to explicitly include reference to kauri dieback disease in Policy 3.1.2; its acknowledgement in Council's Conservation Strategy; and highlighting where guidance on kauri dieback can be found as set out in additional Policy 3.1.2E. We also agree with Ms Chibnall's recommendation to insert in all the permitted earthworks rules a requirement for earthworks to be outside a kauri root zone, as we heard from Mr Riddell that earthworks are the key method for transferring kauri dieback disease. It seems to us that such an approach necessitates a definition for "kauri root zone" to provide clarity on what this is. Mr Riddell sought inclusion of a definition that is an area three times the radius of the dripline, and while this seems very onerous to us, we did not receive any other evidence on what an appropriate area is. We therefore have included a definition for "kauri root zone" to provide clarity of interpretation of the rules for earthworks.
- 5.13 We have also added a matter of discretion requiring the risk of earthworks exacerbating Kauri dieback disease where earthworks requires a resource consent (which applies to earthworks either within or outside an SNA).

#### Kanuka and manuka

- 5.14 We understand the complexity of managing kanuka and manuka in Waikato District, especially given their inclusion in the Conservation Status of New Zealand Indigenous Vascular Plants 2017 as being either a threatened or at-risk species. The consequence of this is that every individual specimen now meets the criteria in RPS Appendix 11A Table 11-1: Criteria for determining significance of indigenous biodiversity, and therefore is deemed to be significant indigenous biodiversity. We understand from Ms Chibnall that these species are not threatened due to numbers but rather potentially threatened by myrtle rust (a fungal disease) that may or may not affect them.<sup>44</sup>
- 5.15 The notified PDP included rules enabling removal of up to 5 cubic metres of manuka and/or kanuka in an SNA outside of the Coastal Environment per single consecutive 12-month period per property for specific purposes. Outside of an SNA, this limit increased to 1000 square metres for trees less than 4 metres in height. Despite this classification, we have considerable sympathy with the farming community who described their attempts to keep these species (and totara) from colonising pasture. It seems to us that there are three scenarios:
  - a. Within an SNA but not located in the Coastal Environment;
  - b. Outside an SNA but not located in the Coastal Environment; and
  - c. Within the Coastal Environment.
- 5.16 We are well aware of Policy 11(a)(i) of the New Zealand Coastal Policy Statement (NZCPS) and its directive to avoid adverse effects on indigenous taxa that are listed as threatened or at risk in the New Zealand Threat Classification System lists. We asked Ms Bridget Parham (counsel for Council), to provide us with a legal opinion on the interpretation and application of NZCPS Policy 11(a) in the context of manuka and kanuka in the coastal environment within Waikato District. Ms Parham considered that Policy 11(a)(i) does not require all adverse effects to be avoided. She advised that it may be acceptable to allow activities that have minor or transitory adverse effects and still give effect to the policy where the avoidance is not necessary or relevant to protect the indigenous biological diversity in the coastal environment. She also considered that the scale at which Policy 11(a)(i) applies depends on the circumstances of the particular threatened or at risk species.<sup>45</sup> In that regard, Mr Turner's assessment is that manuka and kanuka is widespread and prevalent.<sup>46</sup> Thus, we consider it is not necessary to protect every individual kanuka or manuka in the coastal environment.
- 5.17 We considered whether kanuka and manuka clearance was appropriate in an SNA, but given that it is within an SNA, we consider that the notified limits and reasons for clearance is appropriate. That is, clearance of up to 5 cubic metres of manuka and/or

<sup>&</sup>lt;sup>44</sup> Section 42A report by Susan Chibnall, Paragraph 321, dated November 2021.

<sup>&</sup>lt;sup>45</sup> Legal opinion on Hearing 21A: SNA's - Application of Policy 11 NZCPS, Paragraphs 3-4, dated 21 December 2020.

<sup>&</sup>lt;sup>46</sup> Ibid Paragraph 67.

kanuka outside of a wetland, per single consecutive 12-month period, per property, for domestic firewood purposes and arts or crafts. We considered whether there was a way to make sure that the firewood was used for domestic purposes rather than commercial sale but concluded that the maximum volume somewhat limits the use to domestic purposes. We cannot perceive a situation where kanuka and manuka would need to be cleared within an SNA for the maintenance of pasture given that pasture would not be included in the mapped SNA, and therefore have not included a rule for clearance of kanuka and manuka for pasture maintenance within a SNA.

- 5.18 We considered whether there should be a limit on clearance of kanuka and manuka outside of an SNA. We have sympathy for the farming community who need to keep clearing the species to maintain pasture, but as the species is currently classified as threatened, we do not feel an unlimited level of clearance is appropriate at this time. We considered that matching the amount of clearance allowed in the Operative District Plan is appropriate given that this does not appear to have caused issues. We do not see any need to distinguish between areas inside or outside the coastal environment and therefore have set a maximum 3000-square metre limit per year per property for both situations.
- 5.19 We therefore have included the following limits on clearance of kanuka and manuka as a permitted activity:
  - a. Indigenous vegetation clearance within a Significant Natural Area Clearance of up to 5 cubic metres outside of a wetland per single consecutive 12-month period per property for domestic firewood purposes and arts or crafts; and
  - B. Rule 22.2.8 Indigenous vegetation clearance outside a Significant Natural Area
     3000 square metres per single consecutive 12-month period for trees less than 4 metres high to maintain productive pasture or for domestic firewood.
- 5.20 Ms Chibnall also recommended a corresponding recognition in Policy 3.2.6 of the need to remove kanuka and manuka for pasture maintenance and we agree that this complements Policy 3.1.2(c) which provides for the removal of manuka or kanuka on a sustainable basis. We consider this framework of policies and rules strikes an appropriate balance that recognises the conservation status of these species, while enabling the productive potential of established pasture. We consider this to be an effective and efficient way to achieve Objectives 3.1.1 and 3.2.1, as well as Objective 5.1.1 which supports productive rural activities.

#### Earthworks and tracks

5.21 A number of submitters sought inclusion of more lenient rules for routine farming activities and explained why they considered it necessary to enable clearance of indigenous vegetation to create new tracks, as well as maintain existing and relocate tracks that had been damaged by natural hazard events such as landslips and floods. With regards to maintaining tracks, we consider this is logical and have retained specific

mention of this in Policy 3.2.6 and enabled this as a permitted activity both inside and outside an SNA in Rules 22.2.7 and 22.2.8. While Rule 22.2.3.3, as notified, sets out maximum volumes and other requirements for earthworks within an SNA for the maintenance of existing tracks, fences or drains, we have deleted these as they are unreasonable given that the track, fence or drain is already existing.

- 5.22 With regards to the disturbance of indigenous vegetation for new tracks and relocation of an existing track within an SNA, we consider that these should be assessed through a resource consent process. This activity would require resource consent as a discretionary activity for new tracks within an SNA (Rule 22.2.7 D2) and a restricted discretionary activity for new tracks outside an SNA (Rule 22.2.8 RD2). Creation of a new track within an SNA that necessitated earthworks is a restricted discretionary activity (Rule 22.2.3.1 RD2).
- 5.23 In accordance with the evaluation required by section 32AA of the RMA, we consider this to be an effective and efficient way to achieve Objectives 3.1.1 and 3.2.1, as well as Objective 5.1.1 which supports productive rural activities.

#### Provisions focused on biodiversity in general and outside SNAs

5.24 From paragraphs 5.24 to 5.40 we have set out our decisions on the objectives and policies which relate to biodiversity in general, and the rules for the disturbance of indigenous vegetation outside an SNA.

#### Objective 3.1.1. Biodiversity and ecosystems

- 5.25 Objective 3.1.1 is the overarching objective which applies to all biodiversity and ecosystems. There was considerable support in the submissions for Objective 3.1.1 and the only change we have made is to delete the word "values", as the RPS provisions in Chapter 11 do not use this term and we consider it is not needed.
- 5.26 Also, we do not agree with the inclusion of "in order to work towards achieving a no net loss of biodiversity" as requested by WRC. We consider that if the indigenous ecosystems are maintained or enhanced as sought by Objective 3.1.1, then by virtue there will be no net-loss of biodiversity. We do not agree with the submission from Middlemiss Farm Holdings Limited that an additional clause is needed for new areas of indigenous biodiversity to be established. We consider this concept is better reflected in the policies as being a method for achieving the outcome stated in the objective.

#### Policy 3.1.2

5.27 Policy 3.1.2 is the key policy to achieve Objective 3.1.1 and relates generally to indigenous biodiversity, rather than SNAs. Of the submissions seeking changes to Policy 3.1.2: three sought to add incentivising subdivision or planting of indigenous vegetation; one sought to include eco-sourcing; and one sought explicit recognition of

plant diseases. In terms of incentivising subdivision, we have deleted the mechanism from the Rural Zone rules on the basis that there is a clear obligation on landowners to appropriately manage areas of high ecological value through the National Policy Statement for Freshwater Management 2020 (NPS-FM) in terms of waterways and wetlands, as well as the rules in this PDP for SNAs. For this reason, we have not included incentives in Policy 3.1.2 and have deleted Policy 3.2.8 Incentivise Subdivision which we discuss later in this decision.

- 5.28 Turning to eco-sourcing, we agree with Ms Chibnall's assessment that eco-sourced species are likely to have the best chance of survival but may not always be readily available.<sup>47</sup> For this reason we have included "eco-sourcing where practical" in Policy 3.1.2(a)(i). We do not see the need to add references to plant diseases and consider that the current reference to "biosecurity works" in Policy 3.1.2(a)(iii) to be adequate.
- 5.29 We have made other amendments to ensure the policy reads clearly, avoids duplication and effectively and efficiently achieves Objective 3.1.1. We have also included a new Policy 3.1.2(a) to clarify that the identification of SNAs is the principle means of achieving Objective 3.1.1. We have deleted Policy 3.1.2(b)(vii) and (viii) as these are more effectively addressed by other sections of the PDP and have limited applicability to indigenous vegetation and habitats.
- 5.30 Federated Farmers sought inclusion of additional clauses to recognise a landowner's stewardship and that Council will work with landowners. We agree with Ms Walker that the best biodiversity outcomes are achieved when councils have a good understanding of the issues facing landowners and acknowledge the public good aspect which is being provided.<sup>48</sup> We agree with Ms Chibnall's recommendation to include a new non-regulatory Policy 3.1.2C which identifies methods to achieve Objective 3.1.1 that are outside of the PDP. We consider this policy will be effective in supporting the maintenance of existing indigenous biodiversity as well as encouraging enhancement and therefore achieve Objective 3.1.1.

#### Management Hierarchy

5.31 WRC sought inclusion of a mitigation hierarchy for indigenous biodiversity where it is located outside of an SNA. While there is already such a policy for vegetation within SNAs, we agree with Ms Chibnall that there is value in establishing a similar approach for outside SNAs. We are aware that there are rules for indigenous vegetation clearance outside an SNA within the Rural Zone. Although these areas may not be deemed significant, they still may have some ecological value, and in the event of the permitted

<sup>&</sup>lt;sup>47</sup> Section 42A report: Natural Environments 1- Indigenous Vegetation and Habitats by Susan Chibnall, Paragraph 124, dated November 2020.

<sup>&</sup>lt;sup>48</sup> Evidence in chief of Hilary Walker on behalf of Federated Farmers of New Zealand, Paragraph 29 dated 29 October 2020.

level of clearance being breached and land use consent being required, we consider this policy would provide helpful guidance for applicants as well as staff assessing resource consents. We note that RPS Method 11.1.3 requires district councils to ensure remediation, mitigation or offsetting relates to the indigenous vegetation being lost and not just SNAs. On this basis we have included a new Policy 3.1.2A and consider this will be an effective and efficient way of achieving Objective 3.1.1.

5.32 Following on from this, WRC also sought inclusion of a policy to provide for biodiversity offsetting where the indigenous vegetation or habitat is not an SNA. Given our inclusion of a policy setting out a management hierarchy for areas outside an SNA, we consider it would be helpful to provide a policy providing guidance for biodiversity offsetting. We have therefore included a new Policy 3.1.2B and consider this will not only support Policy 3.1.2A but be effective in achieving Objective 3.1.1.

#### New policy for clearance of indigenous vegetation outside an SNA

5.33 In our consideration of the rules allowing clearance of indigenous vegetation outside SNA, we became aware that there is no policy basis in the PDP for allowing a certain level of clearance outside a SNA. We are aware that RPS Method 11.4.1 provides for activities having minor adverse effects on indigenous biodiversity. We have therefore added Policy 3.1.3 which provides for clearance of indigenous vegetation outside SNAs where it will have minor adverse effects in relation to the maintenance or protection of indigenous biodiversity. We consider this is an efficient way to give effect to the RPS as sought by Ms Foley, but also will assist in achieving Objective 3.1.1.

#### Rules for vegetation clearance outside an SNA

- 5.34 While we have determined that the basis for rules inside an SNA will apply to areas mapped in the district plan maps, we are aware that there may be areas of indigenous vegetation that are valuable but have not been identified through this district plan review process. Given the objectives and policies in the RPS to maintain or enhance indigenous biodiversity, we consider it is important that the PDP contains rules to manage clearance of indigenous vegetation outside SNAs, albeit that the rules are more permissive outside an SNA. Rule 22.2.8 sets limits for the clearance of indigenous vegetation outside an SNA in the Rural Zone, although our findings on this rule will be rolled out to the similar rule that appears in other zones. A large number of submissions were received on this rule, and for this reason we have focused our decision on the amendments we have made. All other submissions we have rejected on the basis that they are not the most appropriate way to achieve Objective 3.1.1 in accordance with section 32AA of the RMA.
- 5.35 We agree with WRC's request for Rule 22.2.28 P1(a)(vii) to only enable clearance for a building platform where there is no practicable alternative on the site. We have added this requirement to Rule 22.2.8 P3 also. We considered what is the most appropriate area to allow clearance for building activities but given the directive of the RPS, we

consider 500 square metres is appropriate as a permitted activity and note that this is twice the amount allowed inside an SNA.

- 5.36 In response to the submissions and evidence of the aggregate extraction companies, we agree with Ms Chibnall that 2000 square metres is an appropriate limit per year. In reaching this finding we are particularly aware that there is no choice as to where mineral resources are located and there is a functional and operational need for those activities to be located where the mineral resources are.
- 5.37 We have included conservation activities, as due to their definition they are likely to result in increases in biodiversity and therefore will be effective in achieving Objective 3.1.1.
- 5.38 We have deleted Rule 22.2.8 P2 as it duplicates P1.
- 5.39 When Ms Chibnall was considering this rule, she recommended a new rule for indigenous vegetation clearance that was associated with gardening. The PDP takes the approach that activities not otherwise listed in the plan are non-complying activities (although we have amended this to be the less stringent discretionary activity). Because of this approach, if innocuous activities, including gardening, are not listed a resource consent would be required. This is non-sensical. Although it seems intuitive, we agree that a specific permitted activity rule for gardening needs to be inserted and have done so. Similarly, we have also inserted a rule permitting the removal of non-indigenous vegetation, in order to prevent interpretation issues with the PDP in the future. Ms Chibnall also recommended including a new restricted discretionary activity rule to cover the scenario where indigenous vegetation is for a reason other than those listed in the permitted activities. We agree this is necessary to complete the package of rules.
- 5.40 We agree with Ms Chibnall's recommended amendments to the matters of discretion in Rule 22.2.8 RD1 and consider that they will more fully enable the effects to be considered and better achieve Objective 3.1.1. For similar reasons we have included Rule 22.2.8 RD2 to complete the activity cascade and capture clearance of indigenous vegetation for reasons that are not listed in rules P1, P3, P4, or P6.

#### Provisions for indigenous vegetation within the Coastal Environment and within SNAs

5.41 From paragraphs 5.41 to 5.73 we have set out our decisions on the objectives, policies and rules relating to the disturbance of indigenous vegetation inside SNAs, as well as the disturbance of vegetation in the Coastal Environment (either within or outside an SNA).

#### **Objective 3.2.1 Significant Natural Areas**

5.42 Objective 3.2.1 is the key objective specifically relating to SNAs. We note that RPS Policy 11.1 seeks to maintain *or* enhance indigenous biodiversity and we agree with Mr

Scrafton that changing from "and" to "or" better reflects the RPS. We agree with Mr Scrafton that indigenous biodiversity in SNAs does not need to achieve both protection and enhancement, and we consider this minor change will still achieve the purpose of the RMA, particularly section 6(b). We do not consider that the objective should include the word "restored" as sought by Ryburn Lagoon Trust as there is uncertainty as to what level or point in time the indigenous biodiversity is to be restored to.

#### Policy 3.2.2 Identify and recognise

5.43 Policy 3.2.2 relates to the SNA definition and identifies the mapping of SNA as a method for achieving Objective 3.2.1. We consider that Policy 3.2.2 is important given that the basis for the SNA rules is the identification of them on the planning maps. But we do not consider that the policy needs to, nor should it, specifically refer to the RPS. We have therefore reworded clause (a) to reflect the criteria in Appendix 2 of this PDP rather than cross-referencing the RPS. We have also deleted clause (b) and amended the title of the policy as these introduce a management approach into the policy rather than simply focusing on the identification of SNAs.

#### Policy 3.2.3 Management hierarchy

- 5.44 Meridian Energy Limited and Genesis Energy Limited sought inclusion of environmental compensation as the last step in the management hierarchy. Despite it not being included in the RPS, we agree that compensation is a well-established mitigation method used to complement other mitigation methods. We also agree that environmental compensation can be considered, but only as a last option. We have therefore added in an additional clause that addresses compensation. We note that the Director General of Conservation sought inclusion of compensation in Policy 3.2.4, but we consider including compensation in Policy 3.2.3 is both appropriate and sufficient.
- 5.45 Submissions from Fulton Hogan Limited and McPherson Resources Limited sought to exclude mineral and aggregate extraction activities from the policy. While we accept that the locations of mineral resources are fixed by the underlying geology, we do not consider there should be exemptions in this policy for mineral and aggregate extraction activities, but, as we address later in this decision, we have inserted a new policy that recognises operational and functional requirements. In a similar vein, Mr Scrafton suggested that avoiding, remedying or mitigating be required "as far as practicable". We note that the RPS is not helpful in this regard, as on the one hand it seeks to "protect" significant indigenous vegetation and significant habitats of indigenous fauna (Policy 11.2), but on the other hand, Policy 11.2.2(c) requires that unavoidable adverse effects be remedied or mitigated. As pointed out by Mr Scrafton, RPS Policy 11.2.2(g) acknowledges that there may be a need for activities to be located in or near areas of significant indigenous vegetation and significant habitats of indigenous fauna where no reasonably practicable alternative location exists. We note that Mr Riddell considered that the policy should emphasise that the first step is to avoid adverse effects to the

fullest extent practicable. We have included "as far as practicable" in terms of avoiding adverse effects, but have not included it in the mitigate or remedy clauses.

- 5.46 We agree with Mr Scrafton that the policy should be focused on the "values" present rather than the SNA as a whole. Policy 11.2 of the RPS is clear that it is the characteristics (values and attributes) that make an area "significant" that are not to be reduced.
- 5.47 We considered whether the offsetting should be applied to "significant" adverse effects, which would align with the Guidance on Good Practice Biodiversity Offsetting in New Zealand,<sup>49</sup> or "more than minor" adverse effects, which would align with RPS Policy 11.2.2(d). Given that the PDP must give effect to the RPS, we prefer "more than minor" and have made the amendment accordingly.
- 5.48 We have also included new definitions for "biodiversity offsetting" and "environmental compensation" to assist with interpretation of this policy.
- 5.49 Having considered all the options available to us and the costs and benefits as required by section 32AA, we consider that the amended policy will more appropriately achieve Objective 3.2.1 than the various other alternatives raised with us.

#### Policy 3.2.4 Biodiversity offsetting

- 5.50 A number of submitters sought inclusion of compensation into Policy 3.2.4. We consider it is more appropriate that this policy focuses upon biodiversity offsetting, while Policy 3.2.3 contains the complete management hierarchy, including compensation. For this reason, we have retained the focus of Policy 3.2.4 on offsetting and its recognition of Appendix 6 Biodiversity Offsetting.
- 5.51 The submission received from McPherson Resources Limited sought to exclude mineral or aggregate extraction from Policy 3.2.4. While RPS Policy 6.8 addresses access to minerals, we do not consider it appropriate to provide exemptions in this policy, and instead have inserted a new policy which recognises the operational and functional requirements of activities.
- 5.52 The Director-General of Conservation sought additional wording in Policy 3.2.4(b) to ensure that biodiversity offsetting will only be considered appropriate if effects are preferentially avoided in the first place, then remedied or mitigated. We consider that Policy 3.2.3 is the appropriate location to spell out the management hierarchy rather than this policy.

<sup>&</sup>lt;sup>49</sup> Guidance on Good Practice Biodiversity Offsetting in New Zealand, NZ Government et al, August 2014.

- 5.53 We have amended the wording from "significant residual adverse effects" to "more than minor adverse effects" to give effect to RPS Policy 11.2.2(d) and agree with Mr Scrafton in this respect.
- 5.54 Mr Riddell sought changes to clause (b) to reflect that 'avoidance' is to be attained to the fullest extent practicable. This was also to clarify that it is not just relate to no net loss, but preferably to a net gain. We agree that this amendment will better reflect the RPS. Mr Riddell also sought inclusion of a new clause at the end of the policy that recognises limits to the use of biodiversity offsetting, including because of the irreplaceability or vulnerability of the biodiversity affected. We consider that this approach is appropriate and reflects the Guidance on Good Practice Biodiversity Offsetting in New Zealand.
- 5.55 We consider that our amendments to Policy 3.2.4 gives effect to RPS and are more appropriate in achieving Objective 3.1.1 than the notified version.

#### Policy 3.2.5 Biodiversity in the coastal environment

5.56 Overall, there was a high level of support by submitters for Policy 3.2.5 which largely replicates NZCPS Policy 11(a). The only change we have made is to not confine it to SNAs in the coastal environment as it is possible that there are areas which have not been identified as an SNA and yet meet the criteria of NZCPS Policy 11(a). In this regard we accept the evidence of Mr Riddell.<sup>50</sup> It is for this same reason that we reject the submission from Waka Kotahi who sought that regionally significant infrastructure be excluded from the "avoid adverse effects" directive in this policy.

#### Policy 3.2.6 Providing for vegetation clearance

5.57 A consistent theme in the submissions and evidence was a need to enable clearance of SNAs for the operation, maintenance or upgrading of existing infrastructure.<sup>51</sup> Method 11.1.4 a) of the RPS recognises the maintenance, operation and upgrading of lawfully established infrastructure, while Objective 3.12 e) recognises and protects regionally significant infrastructure. We agree that recognising existing infrastructure in Policy 3.2.6 is warranted. We are also aware that Chapter 14: Infrastructure enables the maintaining or upgrading of existing infrastructure as a permitted activity. We consider that the inclusion of a new clause in Policy 3.2.6 that provides for the clearance of indigenous vegetation, where required for the operation, maintenance or upgrading of existing infrastructure, is an effective way of achieving Objective 6.1.1.

<sup>&</sup>lt;sup>50</sup> Evidence in chief of Andrew Riddell on behalf of the Director-General for Conservation, 29 October 2020, paragraph 285

<sup>&</sup>lt;sup>51</sup> KiwiRail New Zealand Ltd, Transpower New Zealand Ltd, Waka Kotahi New Zealand Transport Agency and Genesis Energy Ltd

5.58 Submissions sought to exclude mineral or aggregate extraction from the policy. As we have outlined previously in this decision, we do not consider it appropriate to provide exemptions for mineral or aggregate extraction in this policy, and instead have inserted a new policy which recognises the operational and functional requirements of activities.

#### Policy 3.2.7 Managing Significant Natural Areas

5.59 Having considered all the submissions on this policy, we somewhat agree with the assessment of Ms Chibnall<sup>52</sup> but have made minor amendments to give effect to the RPS. In response to the submission from Federated Farmers and the evidence of Ms Walker, we have inserted a new policy which outlines ways in which the protection of indigenous vegetation can be encouraged outside of the PDP.

#### Policy 3.2.8 Incentivise subdivision

5.60 In terms of incentivising subdivision, we have deleted the mechanism from the Rural Zone rules on the basis that there is a clear obligation on landowners to appropriately manage areas of high ecological value through the NPS-FM in terms of waterways and wetlands, as well as the rules in this PDP for SNAs. It appears to us that the conservation lot concept serves to simply reward landowners for doing what they typically undertake voluntarily, and are nevertheless required to be doing anyway, in terms of fencing off waterways, maintaining wetlands, and managing SNAs. As a consequential amendment to the subdivision rules in the Rural Zone, we have therefore deleted Policy 3.2.8.

#### New policy: operational and functional requirement

5.61 A common issue raised by submitters and in evidence was the need to enable the disturbance of indigenous vegetation where there was a functional or operational need for an activity to be sited in that particular location. Mr Scrafton in his evidence on behalf of TaTa Valley Ltd suggested a new policy to address the gap he perceived in the PDP and to give effect to the RPS Policy 11.2.2(g). He explained that the policy does not exempt plan users from other provisions that apply to SNAs, and further integrates with the proposed amendments to Policy 3.2.3 Management Hierarchy. Mr Blomfield (Dilworth Trust) raised similar issues in his evidence. While Ms Foley had a different interpretation of the RPS policy, we agree with Mr Scrafton that the policies in Chapter 3 of the PDP do not explicitly address this aspect of the RPS, and there is, therefore, a gap. We have included a new Policy 3.29 which states that activities having a functional or operational requirement to traverse or locate within an SNA can do so, provided there is where no reasonably practicable alternative location. We were cautious about enabling limitless activities and have therefore limited the policy to infrastructure and quarrying given the RPS directives regarding these two activities.

<sup>&</sup>lt;sup>52</sup> Section 42A report: Natural Environments 1 - Indigenous Vegetation and Habitats by Susan Chibnall, Section 14, dated November 2020.

5.62 We consider that the new policy will give effect to section 11 of the RPS. The amendment will assist in achieving Objective 3.1.1 and provide suitable guidance to plan users for the assessment of activities that affect indigenous biodiversity. In addition, we consider that the new policy will achieve Objective 6.1.1.

#### Earthworks within an SNA

- 5.63 As outlined earlier in this decision, we have deleted the standards in the notified PDP which applied to the maintenance of existing tracks, fences or drains. In response to the concerns raised by Ms Walker and Mr and Mrs Hill, we have also enabled earthworks in an SNA for the purpose of conservation activities and water reticulation for farming purposes. We consider that the disturbance of indigenous vegetation associated with these activities will be minimal, and, in the case of conservation activities, will increase biodiversity values. Earthworks in an SNA for any other reason is a restricted discretionary activity.
- 5.64 We have also enabled earthworks in an SNA on Maaori Freehold Land or Maaori Customary land for a Marae Complex or Papakaainga but have inserted standards limiting the volume per year and the requirement that there are no alternative development areas elsewhere on the site. We consider this approach strikes a balance of protecting the SNA while enabling development on Maaori land where a large proportion of such land is SNAs. We consider this is the most appropriate way to achieve Objectives 3.1.1 and 3.2.1 as well as the objectives in the new Maaori Land Chapter.

#### Rules for vegetation clearance inside an SNA

- 5.65 Rule 22.2.7 is the principal rule in the Rural Zone for managing indigenous vegetation clearance inside an SNA and we received a large number of submissions on it. We have made a number of amendments to this rule, although our findings on it will be rolled out to the similar rule that appears in other zones. For succinctness, we have focused on our reasons for making the amendments, noting that we have rejected all other submissions on the basis that they are not the most appropriate way to achieve Objective 3.1.1 in accordance with section 32AA of the RMA.
- 5.66 Firstly, we have allowed vegetation clearance for the purposes of conservation activities as a permitted activity. The definition of "conservation activities" is quite limited and will not result in wholescale disturbance of indigenous vegetation. In any event, the activities included in the definition of "conservation activities" are likely to result in increases in biodiversity and therefore will be effective in achieving Objective 3.1.1.
- 5.67 As notified, clearance of indigenous vegetation for building, access, parking and manoeuvring areas was a permitted activity. Given the direction of RPS Policy 11.1 to maintain or enhance indigenous biodiversity, we agree with Ms Chibnall that permitted activity status for a building development may risk compromising an SNA if not managed

appropriately.<sup>53</sup> We are also aware that there are properties which are completely covered by SNA or where topography limits the options for siting buildings, and where section 85(3B) of the RMA will apply.<sup>54</sup> We consider that a controlled activity status provides certainty for the landowner but allows the effects of vegetation clearance to be considered. We consider that a limit of 250-square metres for building, access, parking and manoeuvring areas as a controlled activity to be appropriate, and that any greater clearance should be a discretionary activity.

- 5.68 The submission from the Director-General of Conservation sought amendments to the rule for indigenous vegetation clearance to include a minimum setback from water bodies. We agree that this would be beneficial for indigenous vegetation adjacent to waterbodies. We agree with Ms Chibnall that a 10-metre setback aligns with the National Environmental Standard for Freshwater Management and have therefore included this as a standard in various rules where we consider such a standard is appropriate.
- 5.69 We have deleted P5 as it duplicates P1, and P6 as it duplicates P2.
- 5.70 The focus of the rules as notified was on clearance of indigenous vegetation, but Ms Chibnall recommended inclusion of a rule to allow trimming or pruning in response to the submission from WRC. We agree that such an addition is appropriate. Mr Riddell considered that this activity was already sufficiently provided for by Rule P1, but we disagree as Rule P1 only relates to "clearance" rather than trimming or pruning. We have added trimming or pruning to Rule P1 so that it limits the reasons why trimming or pruning can occur.
- 5.71 In Ms Chibnall's consideration of Rule 22.2.7, she noted that there was no clarity on what the activity status is for the clearance of non-indigenous vegetation and recommended including a permitted activity rule to make the activity status explicit. We are aware that the PDP takes the approach that any activity not listed is a non-complying activity (although we have made changes to lessen the activity status to discretionary). Although it seems logical that removing non-indigenous vegetation in an SNA would be a permitted activity, we have included a permitted activity rule to this effect to avoid plan interpretation issues in the future. Similarly, Ms Chibnall noticed that there was no clear activity status if the clearance of indigenous vegetation was for a reason other than those listed in the permitted and controlled rules, i.e.:
  - a. Protect human life or existing buildings or structures;
  - b. Conservation fencing to exclude stock or pests;
  - c. Maintaining existing farm drains;

<sup>&</sup>lt;sup>53</sup> Closing Statement Hearing 21A: Natural Environment 1- Indigenous Vegetation and Habitats, Susan Chibnall, Paragraph 25, dated August 2021.

<sup>&</sup>lt;sup>54</sup> The Environment Court may direct a local authority to change provisions in a plan or proposed plan if it makes any land incapable of reasonable use, and places an unfair and unreasonable burden on any person who has an interest in the land.

- d. Maintaining existing tracks and fences;
- e. Gathering plants in accordance with Maaori customs and values;
- f. Conservation activities;
- g. Kanuka and manuka for domestic firewood purposes and arts or crafts;
- h. Papakaainga or marae complex;
- i. Kanuka or manuka to maintain productive pasture; or
- j. Building, access, parking and manoeuvring areas.
- 5.72 Ms Chibnall recommended a discretionary activity rule be included to cover this gap in the Plan and we agree that it will complete the rule cascade.
- 5.73 Given Policy 11(a) of the NZCPS, Ms Chibnall recommended inclusion of a new provision in Rule 22.2.7 which effectively trumped all the other rules and made the clearance of indigenous vegetation from all SNAs in the coastal environment a discretionary activity. We consider that clearance of indigenous vegetation for the reasons listed in P1, P2 and P4 should remain as permitted activities in the coastal environment, but clearance of indigenous vegetation for any other reason in the coastal environment should be discretionary. We consider this approach gives effect to the NZCPS.

#### Urban Allotment SNA

5.74 WRC sought to retain Schedule 30.5 Urban Allotment which relates SNAs containing groups of trees which are located on urban environment allotments. We agree with Ms Chibnall's assessment that the SNA spatial data has too many inaccuracies to safely include these on the planning maps (including those listed in Schedule 30.5). On this basis we have deleted Schedule 30.5 (and any reference to it in the rules) and have deleted this layer from the planning maps.<sup>55</sup>

#### 6 Conclusion

- 6.1 We accept and/or reject the section 42A report and the evidence filed by the submitters, collectively forming the section 32AA assessment informing this Decision.
- 6.2 Overall, we are satisfied that the natural environment provisions (including SNAs) as amended will provide a suitable framework for protecting the indigenous biodiversity while providing enabling activities that have negligible adverse effects.

#### For the Hearings Panel

<sup>&</sup>lt;sup>55</sup> Section 42A report Hearing 28: Other Matters, Susan Chibnall, Paragraphs 153-160, dated June 2021.

Phirm t.

Dr Phil Mitchell, Chair Dated: 17 January 2022

## Chapter 3: Natural Environment

#### Introduction

<u>Biological diversity, or biodiversity, describes the variety and diversity of all life forms and the</u> <u>ecosystems they inhabit. Indigenous biodiversity is biodiversity that is native to New Zealand and</u> <u>relates to individual birds, plants, insects and other species and also includes the ecosystems where</u> <u>these species live.</u>

The largest tracts of indigenous vegetation in the Waikato District are in the General Rural Zone.

The Resource Management Act 1991 (RMA) requires the Council to manage indigenous biodiversity in two particular ways. Firstly, the Council has the ability to control any actual or potential effects of the use, development, or protection of land for the purpose of maintaining indigenous biodiversity. Secondly, the Council is required to recognise and provide for the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna.

The District Plan achieves this by identifying and mapping Significant Natural Areas and applying rules which control the clearance of indigenous vegetation in these areas. There are rules that apply to the clearance of indigenous vegetation outside significant natural areas as well but these are more permissive. A District Plan user should refer to the planning maps for the location of Significant Natural Areas.

Significant Natural Areas are also protected by mechanisms outside the District Plan such as indigenous vegetation that is protected by private covenants or public ownership. Of these, the Queen Elizabeth II National Trust protects approximately 10,000ha and the Department of Conservation manages approximately 23,000ha. Approximately 37,000 hectares is, however, held in private hands, such that the District Plan plays a pivotal role in its management.

#### 3.2 Significant Natural Areas

#### 3.2.1 Objective - Significant Natural Areas

(a) Indigenous biodiversity in Significant Natural Areas is protected and or enhanced.

#### 3.2.2 Policy - Identify and Recognise

- (a) Identify and map areas of significant indigenous vegetation and habitats of indigenous fauna where it meets one or more criteria in Appendix 2: Criteria for Determining Significance of Indigenous Biodiversity. 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 the values of indigenous biodiversity within Significant Natural Areas by:
  - (i) avoiding the significant adverse effects of vegetation clearance and the disturbance of habitats in the first instance as far as practicable unless specific activities need to be enabled
  - (ii) remedying and/or mitigating 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 more than minor residual adverse effects in accordance with Policy 3.2.4.
- (v) If offsetting of any significant residual adverse effects in accordance with Policy 3.2.4. is not feasible then environmental compensation may be considered.

#### 3.2.4 Policy – Biodiversity Offsetting

- (a) Allow for a biodiversity offsetting to be offered by a resource consent applicant where an activity will result in significant more than minor residual adverse effects on a Significant Natural Area, provided that, 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, to the extent practicable, and then remedied or mitigated in accordance with the hierarchy established in Policy 3.2.3; 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<u>, and preferably a net gain</u>, 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; and

(iii) recognising that there are limits to the appropriate use of biodiversity offsetting, including because of the irreplaceability or vulnerability of the biodiversity affected.

#### 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 Vvegetation clearance in Significant Natural Areas

- (a) **Provide for <u>Allow</u>** 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 removing manuka and kanuka for domestic firewood for domestic use (noncommercial);
  - (v) <u>operating, maintaining or upgrading existing infrastructure;</u>
  - (vi) providing for the removal of manuka and kanuka for pasture maintenance; and
- (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 <u>for</u> 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; <u>and</u>

- (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 Manage 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; <u>and</u>
  - (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.

#### Policy 3.2.9 Operational and Functional Requirement

(a) <u>Recognise that infrastructure and quarrying activities may have a functional or operational</u> requirement to traverse or locate within a Significant Natural Area where no reasonably practicable alternative location exists.

#### 3.1 Indigenous Vegetation and Habitats

#### 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 - Maintaining and enhancing biodiversity

- (a) <u>Identify and protect indigenous vegetation and fauna in Significant Natural Areas as the principle</u> means of achieving Objective 3.1.1.
- (b) (a) Enable activities that maintain or enhance indigenous biodiversity including:
  - (i) Planting using indigenous species suitable to the habitat <u>and eco-sourcing these where</u> <u>practical</u>;
  - (ii) the removal or management of pest plant and animal species; and
  - (iii) biosecurity works.
- (c) (b) Consider the following when avoiding <u>Avoid</u>, remedying or mitigateing adverse effects on indigenous biodiversity, including by considering:
  - (i) the required range of natural food sources required to sustain indigenous fauna;
  - (ii) habitats of threatened and at risk species;
  - (iii) ecological processes and corridors;
  - (iii) ecological sequences;

- (iv) migratory pathways;
- (v) pest plants and pest animals;
- (vi) the Waikato river and its catchment;
- (vii) natural character and landscape values of the area;
- (vi) natural waterway habitats and hydrology;
- (vii) ecological corridors, natural processes and buffer areas;
- (viii) legal and physical protection of existing habitat; and
- (ix) the risk of earthworks exacerbating Kauri dieback disease.
- (d) (c) Provide for the removal of manuka or kanuka on a sustainable basis.

#### 3.1.2A Policy - Management hierarchy

(a) Recognise and protect indigenous biodiversity outside Significant Natural Areas using the following hierarchy by:

- (i) avoiding the significant adverse effects of vegetation clearance and the disturbance of habitats in the first instance;
- (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 3.1.2B.

#### 3.1.2B Policies-Biodiversity Offsetting

(a) Allow for a biodiversity offset to be offered by a resource consent applicant where:

(i) an activity will result in significant residual adverse effects to indigenous vegetation or habitat outside a Significant Natural Area; and

(ii) the biodiversity offset is consistent with the framework detailed in Appendix 6 Biodiversity Offsetting.

#### 3.1.2C Non- Regulatory Policy

The Council will work with landowners to promote the use of non-regulatory methods, including assistance with the establishment of protective covenants, service delivery, education, and other incentives in protecting and enhancing ecological sites.

#### 3.1.2D Policy Significant Natural Area Assessment Funding

<u>Council in joint responsibility with Waikato Regional Council will meet the costs of an ecological</u> assessment that shows the area which meets one or more of the criteria in Appendix 2: Criteria for <u>Determining the Significance of Indigenous Biodiversity</u>

#### 3.1.2E Policy - Non-regulatory

(a) The Council will incorporate the following information in their Conservation Strategy:

(i) Kauri Dieback, including reference to the Kauri Dieback Programme; and

(ii) Long-Tailed Bats.

(b) Guidance on Kauri Die Back can be found in the Protecting Kauri: A Rural Landowner's Guide produced by Waikato Regional Council and endorsed by Ministry for Primary Industries.

#### Policy 3.1.3 Clearance of vegetation outside Significant Natural Areas

<u>Provide for clearance of indigenous vegetation outside Significant Natural Areas where it will have</u> <u>minor adverse effects in relation to the maintenance or protection of indigenous biodiversity.</u>

## Chapter 13: Definitions

Significant Natural Area

Means an area <del>of significant indigenous biodiversity</del> that is identified as a Significant Natural Area on the planning maps.

#### **Biodiversity offsetting**

Biodiversity offsets are measurable conservation outcomes resulting from actions designed to compensate for significant residual adverse biodiversity effects arising from project development after appropriate prevention and mitigation measures have been taken.

#### Environmental Compensation

Environmental compensation comprises actions offered as a means to address residual adverse effects on the environment arising from a project development.

#### Conservation activity

Means activities associated with <u>managing or restoring</u> indigenous habitat, <u>including</u> wetlands, and wildlife management and restoration that fundamentally benefit <u>maintains or enhances</u> indigenous biodiversity or raises public awareness of indigenous biodiversity values. This includes stock exclusion <u>(inclusive of fencing)</u>, research and monitoring, the establishment, maintenance or upgrading of public walking or cycle tracks, interpretive and directional signs, accessory buildings including those for tourism, interpretation or education purposes and the provision of access for plant or animal pest management.

#### <u>Kauri root zone</u>

Means the area within three times the maximum radius of the drip line of the New Zealand kauri tree.

### Rules

Note: These amendments to rules for Significant Natural Areas will apply to Chapters 16, 18, 20, 21, 22, 23, 24, 25 and 28, as well as any new zones or overlays.

#### Advice Note

The Waikato Regional Council has a Waikato Pest Management Plan that provides guidance when undertaking activities such as earthworks.

#### 22 General Rural Zone

#### 22.2.3.1 Earthworks – General

PI	(a) Earthworks <del>-for</del> :
	(i) <u>Defined as</u> Aancillary rural earthworks;
	(ii) For a fFarm quarry where the volume of aggregate does not exceed 1000m <sup>3</sup> per single consecutive 12 month period;
	<u>(iii)</u> For <del>C</del> onstruction and/or maintenance of tracks, fences or drains;
	(iv) For Aa building platform for a residential activity, including accessory buildings,
	provided they are not within a kauri root zone.
P2	(a) Earthworks within a site must meet all of the following conditions standards:
	<ul> <li>Do not exceed a volume of more than 1000m<sup>3</sup> and an area of more than 2000m<sup>2</sup> over any single consecutive 12 month period;</li> </ul>
	<ul> <li>(ii) The total depth of any excavation or filling does not exceed 3m above or below ground level with a maximum slope of 1:2 (1 vertical to 2 horizontal);</li> </ul>
	(iii) Earthworks are setback 1.5m from all boundaries;
	<ul><li>(iv) Areas exposed by earthworks are re-vegetated to achieve 80% ground cover within</li><li>6 months of the commencement of the earthworks;</li></ul>
	<ul> <li>(v) Sediment resulting from the earthworks is retained on the site through implementation and maintenance of erosion and sediment controls; <u>and</u></li> </ul>
	<ul> <li>(vi) Do not divert or change the nature of natural water flows, water bodies or established drainage paths</li> </ul>
	provided they are not within a kauri root zone.
P3	<ul> <li>(a) Earthworks for the purpose of to createing a building platform for residential purposes within a site, using imported fill material must meet the following condition standard:</li> <li>(i) Be carried out in accordance with NZS 4431:1989 Code of Practice for Earth Fill for Residential Development</li> </ul>
	provided they are not within a kauri root zone.

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P4	<ul> <li>(a) Except where permitted by Rule 22.2.3.1(P3), Eearthworks for purposes other than creating a building platform for residential purposes within a site, using imported fill material or cleanfill must<u>that</u> meets all of the following conditions standards: <ul> <li>(i) not exceed a total volume of 200m<sup>3</sup>;</li> <li>(ii) not exceed a depth of Im;</li> <li>(iii) the slope of the resulting filled area in stable ground must not exceed a maximum slope of 1:2 (1 vertical to 2 horizontal);</li> <li>(iv) fill material is setback 1.5m from all boundaries;</li> <li>(v) areas exposed by filling are revegetated to achieve 80% ground cover within 6 months of the commencement of the earthworks;</li> <li>(vi) sediment resulting from the filling is retained on the site through implementation and maintenance of erosion and sediment controls; and</li> <li>(vii) does not divert or change the nature of natural water flows, water bodies or</li> </ul> </li> </ul>
	established drainage paths
DE	provided they are not within a kauri root zone.
<u>P5</u>	(a) <u>Earthworks for conservation activities, water reticulation for farming purposes or the maintenance of existing tracks, fences or drains within a Significant Natural Area provided they are not within a kauri root zone.</u>
<u>P6</u>	(a) On Maaori Freehold Land or Maaori Customary land within a Significant Natural Area , earthworks for a Marae Complex or Papakaainga housing where: (i) there is no alternative development area on the site outside of the
	(ii) <u>significant natural area; and</u> (ii) <u>The earthworks do not exceed a volume of 500m<sup>3</sup> in a single consecutive 12</u> month period; and
	(iii) The earthworks do not exceed an area of 1500m <sup>2</sup> in a single consecutive 12 month period;
	<ul> <li>(iv) Sediment resulting from the earthworks is retained on the site through implementation and maintenance of erosion and sediment controls; and</li> <li>(v) Do not divert or change the nature of natural water flows, water bodies or established drainage paths</li> </ul>
	provided they are not within a kauri root zone.
RDI	<ul> <li>(a) Earthworks that do not comply with Rule 22.2.3.1 P1, P2, P3 P4 or P5.</li> <li>(b) Council's discretion shall be limited to the following matters: <ul> <li>(i) amenity values and landscape effects;</li> <li>(i) volume, extent and depth of earthworks;</li> <li>(ii) nature of fill material;</li> <li>(iii) contamination of fill material or cleanfill;</li> <li>(iv) location of the earthworks to waterways, significant indigenous vegetation and habitat;</li> <li>(v) compaction of the fill material;</li> <li>(vi) volume and depth of fill material;</li> <li>(vii) protection of the Hauraki Gulf Catchment Area;</li> <li>(viii)geotechnical stability;</li> <li>(ix) flood risk, including natural water flows and established drainage paths;</li> <li>(ix) land instability, erosion and sedimentation; and</li> <li>(x) the risk of earthworks exacerbating Kauri dieback disease.</li> </ul> </li> </ul>
<u>RD2</u>	Earthworks in a Significant Natural Area for purposes other than the maintenance of existing tracks, fences or drains.
	Council's discretion is restricted to the following matters:

	(i) The effects on indigenous vegetation and fauna; (ii) Land instability, erosion and sedimentation; and (iii) Volume, extent and depth of earthworks.
<u>RD3</u>	Earthworks on Maaori Freehold Land or Maaori Customary land that does not comply with Rule 22.2.3.1 P6. Council's discretion is restricted to the following matters:
	(i) The effects on the indigenous vegetation and fauna; (ii) Land instability, erosion and sedimentation; and (iii) Volume, extent and depth of earthworks.

#### 22.2.3.3 Earthworks - Significant Natural Areas

PL	a) Earthworks for the maintenance of existing tracks, fences or drains within an identified Significant
	Natural Area must meet all of the following conditions:
	(i) The earthworks must not exceed a volume of 50m3 in a single consecutive 12 month period; and
	(ii) The earthworks must not exceed an area of 250m2 in a single consecutive 12 month period;
	(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;
	(vi) Sediment resulting from the earthworks is retained on the site through implementation and
	maintenance of erosion and sediment controls;
	(vii) Do not divert or change the nature of natural water flows, water bodies or established drainage
	<del>paths</del>
<del>P2</del>	Filling using imported fill must not exceed a volume of 20m3 and a depth of 1.5m.
<del>P3</del>	(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:
	(i) The location of earthworks, taking into account waterways, significant indigenous vegetation or
	habitat;
	(ii) The effects on the Significant Natural Area

#### 22.2.7 Indigenous +Vegetation clearance inside within a Significant Natural Area

PI	(a) Indigenous vegetation clearance, <u>trimming or pruning of indigenous vegetation in a Significant</u> <u>Natural Area</u> in a Significant Natural Area <del>identified on the planning maps or in Schedule 30.5</del> (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; <del>or</del>
	(v) Gathering plants in accordance with Maaori customs and values <u>; or</u>
	(vi) <u>Conservation activities.</u>
P2	Removal <u>Clearance</u> of up to 5m <sup>3</sup> manuka and/or kanuka outside of the Coastal Environment <u>a</u> <u>wetland</u> 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.

<ul> <li>P4         <ul> <li>(a) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation cleara Significant Natural Area for the purposes of development identified on the planning in Schedule 30.5 (Urban Allotment Significant Natural Areas) where:</li></ul></li></ul>	<del>g maps or</del> de the
<ul> <li>B. 500m<sup>2</sup> per dwelling, including areas associated with access, manoeuvring;</li> <li>B. 500m<sup>2</sup> per dwelling, including areas associated with access, manoeuvring; and</li> <li>C. 500m<sup>2</sup> for a papakaainga building including areas associated with access, and manoeuvring.</li> </ul>	
P5 (a) On Maaori Freehold Land or Maaori Customary Land indigenous vegetation-cleara Significant Natural Area identified on the planning maps-or in Schedule 30.5 (Urbar Significant Natural Areas) for the following purposes: (i) Removing vegetation that endangers human life or existing buildings or structur (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.	<del>n Allotment</del>
P6 Removal of up to 5m3 of manuka and/or kanuka outside of the Coastal Environment pe consecutive 12 month period per property for domestic firewood purposes and arts or provided the removal will not directly result in the death, destruction or irreparable day other tree, bush or plant	r crafts
P7 Vegetation clearance of non-indigenous species in a Significant Natural Area.	
CI       (a) Indigenous vegetation clearance for building, access, parking and manoeuvring Significant Natural Area identified on the planning maps must comply with all of the standards:         (i)       There is no practicable alternative development area on the site outside the Significant Area; and         (ii)       The total indigenous vegetation clearance does not exceed 250m <sup>2</sup> ; and         (iii)       The vegetation clearance is at least 10m from a natural waterbody.	the following
DI Indigenous vegetation clearance in a Significant Natural Area <del>identified on the planning r</del> Schedule 5 (Urban Allotment Significant Natural Areas) that does not comply with one <del>conditions</del> <u>standards</u> in Rule 22.2.7 P1, P2, <del>P3</del> , P4, <del>P5, <u>P7</u></del> or P <del>6or C1.</del>	•
D2 Indigenous vegetation clearance in a Significant Natural Area other than for purposes lis P4.	sted in PI-
D3 Indigenous vegetation clearance inside a Significant Natural Area other than listed in P1- this is inside the coastal environment	-P4 where

#### 22.2.8 Indigenous +Vegetation clearance - outside a Significant Natural Area

PI	(a)	
		maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) must be for the
		following purposes:
		(i) Removing vegetation that endangers human life or existing buildings or structures;

	(ii) Maintaining productive pasture through the neuronal of up to 1000-2
	(ii) Maintaining productive pasture through the removal of up to 1000m <sup>2</sup> per single consecutive 12 month period of manuka and/or kanuka that is more than 10m from
	a waterbody, and less than 4m in height;
	(ii) Maintaining existing tracks and fences;
	(iii) Maintaining existing farm drains;
	(iv) Conservation fencing to exclude stock or pests;
	(v) Gathering of plants in accordance with Maaori custom and values; <del>or</del>
	(vi) A building platform and associated access, parking and manoeuvring up to a total of 500m <sup>2</sup> clearance of indigenous vegetation <u>and there is no practicable alternative</u> <u>development area on the site outside of the area of indigenous vegetation clearance;</u>
	(vii) In the Aggregate Extraction Areas, a maximum of 2000m <sup>2</sup> in a single consecutive 12 month period per record of title; or
	(viii) <u>Conservation activities.</u>
<del>P2</del>	(a) On Maaori Freehold Land or Maaori Customary Land, indigenous vegetation clearance outside a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) must be for the following purposes:
	(i) Removing vegetation that endangers human life or existing buildings or structures;
	(ii) Maintaining productive pasture through the removal of up to 1000m <sup>2</sup> per single consecutive
	12 month period of manuka and/or kanuka that is more than 10m from a waterbody, and less
	<del>than 4m in height;</del> <del>(iii) Maintaining existing tracks and fences;</del>
	(iv) Maintaining existing farm drains;
	(v) Conservation fencing to exclude stock or pests; or
	(v) Generical values relating to exclude stock of pess, or (vi) Gathering of plants in accordance with Maaori custom and values.
P3	
P3	(a) On Maaori Freehold Land or Maaori Customary Land, the clearance of indigenous vegetation clearance outside a Significant Natural Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural Areas) must not exceed:
	(i) 1500m <sup>2</sup> for a Marae complex including associated access, parking and manoeuvring;
	(ii) 500m <sup>2</sup> per dwelling including associated access, parking and manoeuvring; <del>and</del>
	(iii) 500m <sup>2</sup> for a papakaainga building including associated access, parking and manoeuvring; <u>and</u>
	(iv) <u>And there is no practicable alternative development area on the site outside of the area of indigenous vegetation clearance.</u>
<u>P4</u>	Outside a Significant Natural Area, indigenous vegetation clearance associated with gardening.
<u>P5</u>	Vegetation clearance of non-indigenous species outside a Significant Natural Area.
<u>P6</u>	Removal of manuka and/or kanuka to maintain productive pasture or for domestic firewood purposes complying with the following:
	(i) up to 3000m <sup>2</sup> per single consecutive 12 month period per site; and
	(ii) plants are less than 4m in height; and
	(iii) outside a wetland; and
	(iv) more than 10m from a waterbody.
RDI	(a) <u>Outside a Significant Natural Area,</u> Indigenous Vegetation clearance <del>outside a Significant Natural</del> Area identified on the planning maps or in Schedule 30.5 (Urban Allotment Significant Natural
	Areas) that does not comply with one or more <del>conditions</del> <u>standards</u> of Rule 22.2.8 PI, <del>P2</del> or P3 or P6.
	(b) Council's discretion is restricted to the following matters:
	<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>

	<ul> <li>(ii) the extent to which the clearance will result in loss, damage or disruption to ecological processes, functions and ecological integrity, including ecosystem services;</li> <li>(iii) the extent to which cumulative effects of the vegetation clearance; have been considered and addressed;</li> </ul>
	<ul><li>(iv) the extent to which the clearance affects Tangata Whenua relationships with indigenous biodiversity on the site;</li></ul>
	(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; and
	(vi) <u>The extent to which adverse effects have been avoided, remedied, mitigated or if this is unable</u> to be achieved, the extent of offsetting on significant residual adverse effects.
<u>RD2</u>	(a) <u>Indigenous vegetation clearance outside a Significant Natural Area for any reason not</u> <u>specified in P1-P5.</u>
	<ul> <li>(b) Council's discretion is restricted to the following matters: <ul> <li>(i) the extent to which the clearance will result in the fragmentation and isolation of indigenous ecosystems and habitats;</li> <li>(ii) the extent to which the clearance will result in loss, damage or disruption to ecological processes, functions and ecological integrity, including ecosystem services;</li> <li>(iii) the cumulative effects of the vegetation clearance;</li> <li>(iv) the extent to which the clearance affects Tangata Whenua relationships with indigenous biodiversity on the site;</li> <li>(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; and</li> <li>(vi) The extent to which adverse effects have been avoided, remedied, mitigated or if this is unable to be achieved, the extent of offsetting on significant residual adverse effects.</li> </ul> </li> </ul>

# Appendix 2 Criteria for Determining Significance of Indigenous Biodiversity

Add the following:

The Appendix does not apply to plantation forestry.

# Appendix 6: Biodiversity Offsetting

#### Introduction

The following sets out a framework for the use of biodiversity offsets. Any biodiversity offset is to be consistent with this framework.

#### **Biodiversity offsetting framework**

- Restoration, enhancement and protection actions <u>offered by an applicant</u> will only be considered a biodiversity offset where they are used to offset the <del>anticipated</del> reasonably measureable residual effects of activities <u>that are likely to remain</u> after appropriate avoidance, remediation and mitigation <u>measures</u> <del>actions</del> have <u>been applied</u> <del>occurred</del> in accordance with Policy 3.2.3 (i.e., not in situations where they are used to mitigate the adverse effects of activities).
- 2. A proposed biodiversity offset will contain an <u>qualitative</u> assessment of losses and gains commensurate to the scale of effects the activity, and should demonstrate the manner in which no net loss can be achieved.
- 3. A biodiversity offset will recognise the limits to offsets due to irreplaceable and vulnerable biodiversity (including effects that must be avoided in accordance with Policy II(a) of the New Zealand Coastal Policy Statement 2010), and its design and implementation will include provisions for addressing sources of uncertainty and risk of failure of the delivery of no net loss.
- 4. Restoration, enhancement and protection actions undertaken as a biodiversity offset are demonstrably additional to what otherwise would occur, including that they are additional to any remediation or mitigation undertaken in relation to the adverse effects of the activity.
- 5. In relation to an SNA, offset actions will be undertaken within the SNA as a first priority, or where this is not practicable, as close as possible to the location of development within the same ecological district as a second priority.
- 6. Offset actions will prioritise protection and enhancement of existing areas of biodiversity where those actions produce additional biodiversity gains commensurate with the biodiversity values lost.

- 7. The values to be lost through the activity to which the offset applies are counterbalanced by the proposed offsetting activity which is at least commensurate with the residual adverse effects on indigenous biodiversity, so that the overall result is no net loss.
- 8. The offset will be applied so that the ecological values being achieved through the offset are the same or similar to those being lost, unless an alternative ecosystem or habitat will provide a net gain for indigenous biodiversity, and the values lost are not irreplaceable or highly vulnerable.
- 9. There is a strong likelihood that the positive ecological outcomes of the offset last at least as long as the impact of the activity, and preferably in perpetuity. Adaptive management responses should be incorporated into the design of the biodiversity offset, as required to ensure that the positive ecological outcomes are maintained over time.
- 10. The biodiversity offset will be designed and implemented in a landscape context i.e., with an understanding of both the donor and recipient sites' roles, or potential roles, in the ecological context of the area.
- II. Any application that intends to utilise a biodiversity offset will include a biodiversity offset management plan that:
  - a. sets out baseline information on indigenous biodiversity that is potentially impacted by the proposal at both the donor and recipient sites;
  - b. demonstrates how the requirements of the framework set out in this appendix will be addressed; and
  - c. identifies the monitoring approach that will be used to demonstrate how the matters set out in this framework have been addressed, over an appropriate timeframe.