

Owairaka / Mt Albert Tree Removal Methodology

27 Summit Drive, Mt Albert, Auckland 1025

Client: Tūpuna Maunga Authority

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Prepared by: Treescape Arboriculture Consultants

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This report should be accepted and read in its entirety. No single statement or part of this report should be used individually in a manner that is outside the context of the whole report.

This assessment and report does not address the matter of environmental effects relating to arboriculture works as it was outside the scope of works.

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Acknowledge that information from relevant reports and/or plans supplied by others may have been used in the formulation of this report, to support the information provided and authorised.

Contents

Operating Methods Assessment & Selection	5
Assessment & Selection Factors	5
Survey Area	6
Tree Population	6
Operating Methods	8
Operations Plan	10
Operating Zones	10
Trees for Removal	10
Operating Methods	12
Operational Management Requirements	15
Appendix A: Description of Tree Removal Methods	16
Appendix B: Description of Tree Processing Methods	18
Appendix C: Itemised Tree Inventory	19
Appendix D: Recommended Operational Management Requirements	52

Introduction

The Tūpuna Maunga Authority has engaged Treescape Ltd to prepare a Tree Removal Methodology (Methodology) for the removal of 345 exotic trees on Owairaka (trees not definitively identified have been included in this figure as non-natives).

This Methodology includes an inventory of all exotic trees over 3m in height and their GPS locations. The Methodology has been informed by advice from specialists to avoid damage or disturbance of archaeological, cultural and historical features of the maunga.

This Methodology has been prepared by and/or overseen by appropriately qualified Arboriculture Consultants familiar with large scale tree removal. Treescape Limited undertook the recent removal works at Maungarei.

This Methodology does not give consideration to the environmental effects of the proposed tree removals. Reports by other specialists will assess ecological and landscape visual matters relevant to the wider restoration project.

Scope

Treescape Limited has been engaged by Tūpuna Maunga Authority to prepare a methodology for the removal of exotic species from Owairaka. This has involved:

- Identifying each exotic tree, its location and the characteristics relevant to defining a removal method
- Determining operating methodologies for their removal that are cost effective, safe and best protect the archaeological, cultural and historical features of the maunga from damage or disturbance; and
- Defining the operations management system and practices required to minimise implementation risks

This Methodology will be used to inform a detailed Arboriculture Works Specification from which potential tree removal contractors can provide sufficiently complete and accurate service solution proposals and pricing estimates.

Scope Exclusions

- An assessment of the environmental effects of planned arboriculture works
- Detailed review and refinement of work specifications at an individual tree level

Operating Methods Assessment & Selection

Assessment & Selection Factors

The factors relevant to, and considered in, developing the Methodology are detailed below in Table 1 below. Assessment & evaluation of these factors, and their interconnection, has determined the specific operating methods selected for given areas and trees.

This section in the table on Overlays has been informed by advice from the project archaeologist and planner. The remaining sections are informed by the arboricultural expertise of the Treescape consultants.

Table 1: Assessment Factors

Category	Factor	Relevance
Overlays	Natural Features	Ground disturbance is not permitted in a natural / unmodified area of the maunga unless approved by the Archaeologist.
	Archaeological sensitivity	Archaeologically sensitive areas must be protected from damage or alteration. The default position is that no ground disturbance, regardless of how minor, is permitted. This eliminates all removal methods that involve tree / tree sections being lowered to the ground at its original location. Crane assisted dismantling can be used to remove trees located less than 40m - 70m (crane size dependent) from a suitable operating area. Any increased tolerance for ground disturbance would give rise to the possible use of crash mats to lessen the impact when lowering tree sections on to sensitive ground. Used in conjunction with rigging techniques that offer maximum control may be a solution that meet acceptable risk thresholds.
Physical Factors	Topography	As the land gradient becomes steeper so to does the level of complexity and risk associated with tree removal. Manually assisted felling and dismantling methods can be used but, for larger trees especially, controlling the direction and resting place of the fall and the feasibility of processing in situ and moving tree rings or logs are important considerations. Crane or helicopter assisted dismantling is highly likely a more cost effective, as well as lower risk, method for removing large trees from sloped areas.
	Built features / Land Modifications	Modifications such as roading and pathways provide potential work areas, or access ways to work areas, for large machinery. In modified areas ground disturbance is permitted as the archaeological effect has already occurred and the risk significantly reduced. The size, gradient and stability of the modified area(s) will determine the size and type of machinery that can be used.
Tree Factors	Provenance	Provenance refers to a tree's place of origin. An objective of this project is remove any species not originating in NZ (exotics) from the maunga. Identifying exotics is a key function of the tree survey.
	Species	Tree species can define tree handling and removal requirements. E.g. species susceptible to diseases posing high biosecurity risk e.g. Dutch Elm, Myrtle and Kauri are subject to specific controls. Some, but not all species will require ringbarking or injecting with herbicides in advance of removal if stumps are to be left to rot and decay.
	Size	Size is a key determinant of the tree removal method. Felling methods require a clear area to land the tree and is only feasible in non-sensitive areas. Cutting large trees into sufficiently small sections to be loaded into trucks is generally not cost effective when compared to dismantling into large sections that can be loaded by crane or helicopter.
	Quantity	When all but a few trees require crane or helicopter assisted removal it is highly likely utilising these tools for the few will be more cost effective.
Regulatory Factors	Noise Disturbance Traffic Management Health & Safety	Noise restrictions will impact when and where helicopters and loud machinery can be operated. Operating on or around roads will require either traffic management plans to be implemented or potentially temporary road closures. An assessment of H&S risk relating to all aspects of planned operations for each site is mandatory and should be viewed as informing the evaluation and selection of tree removal methods.
Cost Factors	Method Cost	
	Overall Cost	

Survey Area

The survey area is shown on Figure 1. It comprises the main maunga including the tihi, two flat, modified sports areas either side of the central sloping ridge, the outer 'shoulders' of the maunga and the southern 'pan handle' to the south, but this latter is effectively treeless. The level area and peripheral trees to the southwest are excluded as these are controlled by Watercare.

Figure 1: Aerial image of the subject site and surrounding area



Tree Population

Total Population

A total of 787 trees (woody vegetation >3m in height) representing 45 species were identified within the survey area.

Native Tree Species

There is a healthy mix of native species within the whole tree population across the site, predominantly consisting of pohutukawa (*Metrosideros excelsa*) – 19%, totara (*Podocarpus totara*) – 17%, and puriri (*Vitex lucens*) – 7%, supported amongst others by manuka (*Leptospermum scoparia*), ngaio (*Myoporum laetum*), and karaka (*Corynocarpus laevigatus*).

Natives account for 442 individuals - over 56% of all trees currently within the survey area.

Exotic Tree Species

A total of 345 other trees (woody vegetation >3m in height) representing 22 genus were identified within the survey area. A breakdown by species is summarised in Table 2 on the following page and relative distribution shown in Figure 2 on page 8.

The greatest concentrations of exotics are around the eastern half of the maunga and possibly reflect plantings undertaken after quarry operations. The species composition is dominated by *Prunus sp.* (flowering cherry) – 17%, a variety of Eucalypts with 13 trees representing 13% of the total tree stock. These two prominent species are supported by *Banksia* trees at 3%.

A large number of larger-sized Eucalypts are present, particularly upon the inner slopes of the archery field environs within both areas D and F and around the North-eastern shoulder.

Table 2: Tree Population Breakdown by Species

Tree Species	No.
" <i>Acmena smithii</i> - Syzygium - lilly pilly, monkey apple"	5
" <i>Hoheria populnea</i> - lacebark, ribbonwood"	3
" <i>Knightsia excelsa</i> - rewarewa, native honeysuckle"	1
" <i>Meliccytus ramiflorus</i> - mahoe, whiteywood"	10
" <i>Pittosporum eugenioides</i> - lemonwood, tarata"	4
" <i>Populus nigra</i> - Lombardy poplar, black poplar"	1
<i>Banksia sp.</i>	26
<i>Callistemon sp.</i> - bottle brush	2
<i>Coprosma robusta</i> - karamu	8
<i>Corynocarpus laevigatus</i> - Karaka	11
<i>Crataegus laevigata</i> - English hawthorn	1
<i>Cryptomeria japonica</i> - Japanese cedar	2
<i>Cupressus macrocarpa</i> - Monterey cypress	2
<i>Dacrydium cupressium</i> - rimu	1
<i>Dysoxylum spectabile</i> - kohekohe	6
<i>Entelea arborescens</i> - whau	4
<i>Erythrina sp.</i> - coral/flame tree	1
<i>Eucalyptus eugenioides</i> - thin leaf stringybark	7
<i>Eucalyptus sp.</i>	97
<i>Fraxinus oxycarpa</i> 'Raywood' - claret ash	1
<i>Fraxinus sp.</i>	2
<i>Grevillea robusta</i> - silky oak	8
<i>Griselinia littoralis</i> - kapuka	1
<i>Ilex sp.</i> - holly	1
<i>Jacaranda sp.</i>	1
<i>Lagunaria patersonia</i> - Norfolk Island hibiscus	1
<i>Leptospermum scoparium</i> - manuka	39
<i>Ligustrum lucidum</i> - tree privet	1
<i>Magnolia grandiflora</i> - N Am evergreen magnolia	2
<i>Metrosideros excelsa</i> - pohutukawa	147
<i>Myoporum laetum</i> - ngaio	12
<i>Olea sp.</i> - olive	17
<i>Olearia sp.</i>	1
Palm-other	1
<i>Platanus x acerifolia</i> - London Plane tree	2
<i>Podocarpus totara</i> - totara	134
<i>Populus x euramericana</i> - hybrid poplar <i>P. nigra</i> x <i>P. deltoides</i>	7
<i>Prunus sp.</i> -flowering cherry	131
<i>Pseudopanax sp.</i>	1
<i>Quercus coccinea</i> - scarlet oak	3
<i>Quercus ilex</i> - holm oak	7
<i>Quercus robur</i> - English oak	1
<i>Salix sp.</i> - willow	1
<i>Schefflera sp.</i>	1
Unknown	12
<i>Vitex lucens</i> - Puriri	58
Mixed Species	2
Total	787

Figure 2: Owairaka Tree Provenance



Operating Methods

The operating methods are the various tree removal and processing techniques.

Tree Removal

A suite of tree removal method options appropriate for the range of works required has been developed. These have been selected for inclusion on the basis of feasible, effectiveness and cost. Selected methods are listed below and described in Appendix A.

- Ring barking, spraying, drill and fill methods
- Manual felling
- Machine assisted manual felling
- Manual dismantling
- Manual dismantling using rigging techniques
- MEWP assisted dismantling
- Crane assisted dismantling
- Helicopter assisted dismantling

Debris Processing

A suite of processing method options appropriate for the range of works required has been developed. These have been selected for inclusion on the basis of feasibility, effectiveness and cost. Selected methods are listed below and described in Appendix B.

- Cut and leave
- Mulch on-site
- Mulch off-site
- Cut logs on-site
- Cut logs off-site

Operations Plan

Operating Zones

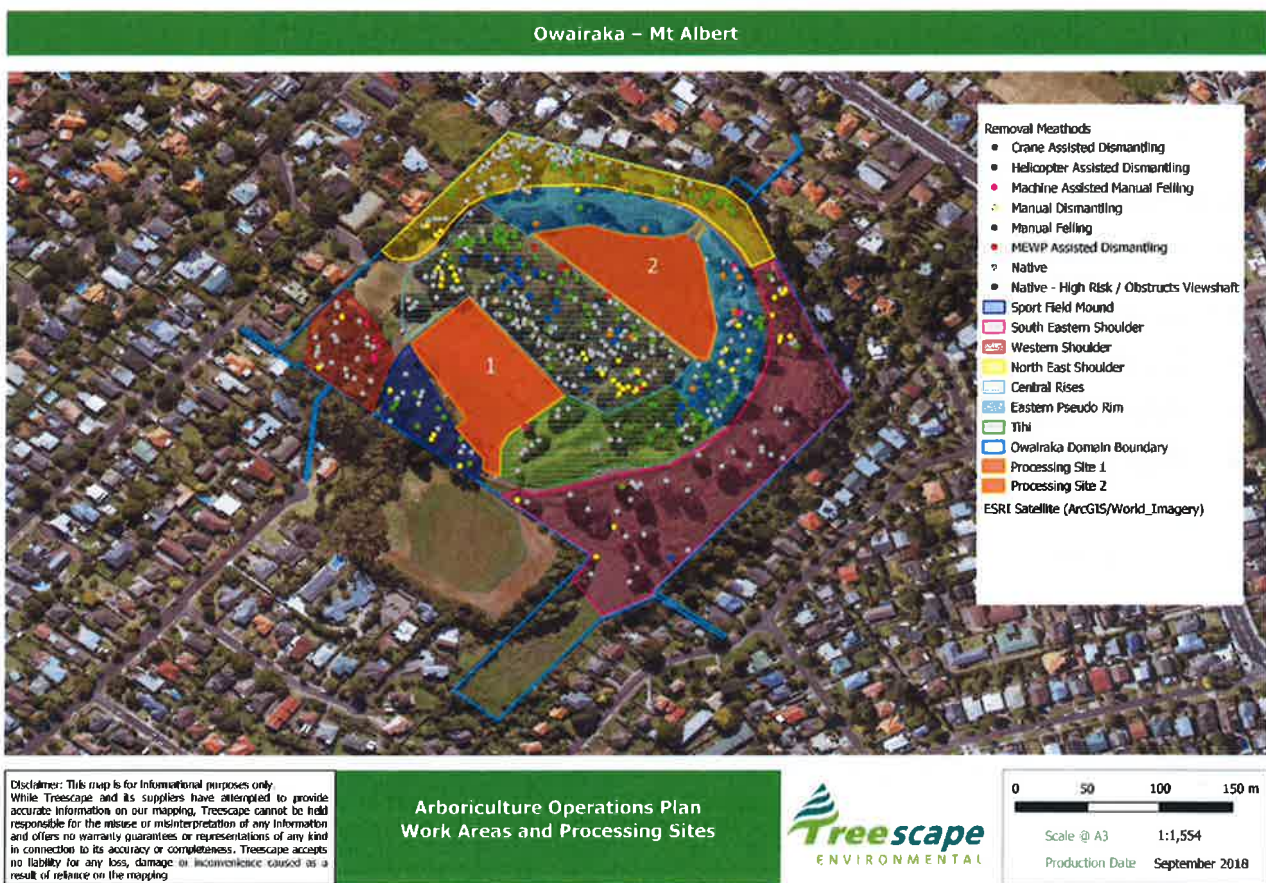
Groupings of trees with same methodology have been bundled into Tree Removal Operating Zones.

Modified areas of sufficient size and proximity to removal works have been identified as Processing Sites.

Figure 3 below identifies the recommended location and boundaries of both Tree Removal Operating Zones (green bordered areas) and Processing Sites (yellow bordered areas). The coloured dots represent the locations of exotic trees, with the colour representing the primary removal method.

The operating zones are detailed more fully in Table 4 on the page 11.

Figure 3: Maps of Operating Zones, Tree Locations & Removal Methods



Trees for Removal

Tree Inventory

The species and quantities of exotic trees identified in each operating zone on Owairaka – Mt. Albert are summarised in Table 3 on the following page and itemised in full in Appendix C.

Table 3: Summary of Exotic Trees

Tree Species	A1 - Southeastern shoulder	A2 - Northeastern Shoulder	B - Western shoulder	C - Sportsfield Mound	D - Central Rises	E - Tihl	F - Eastern Pseudo-rim	Species total
"Acmena smithii, Syzygium - lilly pilly, monkey apple"				2	2	1		5
Banksia sp.			11		15			26
Callistemon sp. - bottle brush						2		2
Crataegus laevigata - English hawthorn	1							1
Cryptomeria japonica - Japanese cedar					2			2
Cupressus macrocarpa - Monterey cypress				1		1		2
Erythrina sp. - coral/flame tree		1						1
Eucalyptus eugenoides - thin leaf stringybark					6	1		7
Eucalyptus sp.	11	25	29		15	7	10	97
Fraxinus oxycarpa 'Raywood' - claret ash					1			1
Fraxinus sp.					2			2
Grevillea robusta - silky oak						3	5	8
Ilex sp. - holly	1							1
Jacaranda sp.		1						1
Lagunaria patersonia - Norfolk Island hibiscus	1							1
Ligustrum lucidum - tree privet			1					1
Magnolia grandiflora - N Am evergreen magnolia					2			2
Mixed Species	2							2
Olea sp. - olive		6			6	4	1	17
Palm-other		1						1
Platanus x acerifolia - London Plane tree					2			2
"Populus nigra - Lombardy poplar, black poplar"					1			1
Populus x euramericana - hybrid poplar P. nigra x P. deltoides					47	3	4	7
Prunus sp.-flowering cherry		3			1	34	47	131
Quercus coccinea - scarlet oak				7		2		3
Quercus ilex - holm oak								7
Quercus robur - English oak					1	1		1
Salix sp. - willow			2		1			1
Unknown		2			4	3	1	12
							Grand total	345

Operating Methods

Tree Removal Methods

The tree removal method standard includes:

- Felling a tree (as one section) or dismantling a standing tree by cutting and removing it in sections
- Leaving the remnant stump in place (approx. <1m in height) – N.B. mandatory in archaeologically sensitive areas.
- Any pre-treatment of the tree.

The recommended operating methods are outlined in the Table 5 on the page 12.

The following variations to the method standard are identified for consideration by the relevant other experts.

Leaving stumps > 1m in height Due to the considerable time and expense involved in reducing very large trees to just above ground height, it may be pragmatic to leave taller stumps, of up to 5m in height, as this can result in as much as a 50% reduction in the removal cost for an individual tree.

Use of Crash Mats Crash mats could be used to minimise ground disturbance impact when lowering tree sections on to sensitive ground.

Used in conjunction with rigging techniques that offer maximum control may be a solution that meet acceptable risk thresholds.

Debris Processing Methods

Cuts from trees removed by helicopter assisted dismantling can be loaded directly into the method of transport. Cuts from all other trees will require further processing (at a designated Processing Site) into section sizes suitable for loading.

Processing Sites

Three processing areas are proposed for the helicopter and crane assisted dismantling methods:

Process. Site #	Area Description
1	Large flat modified area between Area C: Sports Field Mound and Area D: Central Rises.
2	Large flat modified area inside and below the elevated rim that is Area F: Eastern Pseudo Shoulder

During helicopter operations two processing sites will be utilised to process removed trees and one as a refuelling site for the helicopter.

Processing Methods

As it relates to this Maunga, the Tūpuna Maunga Authority preference is that with the exception of specific logs that may be suitable for carving, processing is mulch on site. Where surplus to requirements, the mulch will be removed off site.

Table 4: Description of Operating Zones

Area	Name	Description	Physical Properties	Historical/Cultural Characteristics	Viable Access Points	Tree Population Description	Processing Site Suitability
A1	South-Eastern Shoulder	This area spans the eastern boundary of the site including the south-eastern corner, flanked by both the southern and eastern boundaries of the site and runs up the slope to meet the main vehicular ring road. This area is located in the north-eastern corner of the site; flanked by both the eastern and northern boundaries and runs up the slope to meet the main vehicular ring road.	Steep gradient Non-modified area	The entire area is deemed archaeologically sensitive with visible terracing being the prominent feature.	Main ring road that spans the length of the area at the top of the slopes	16 exotic trees are located in this area, including 11 of the eucalypts.	No
A2	North-Western Shoulder	This area is located in the south-western corner of the site; flanking the eastern and southern boundaries and runs up to the main vehicular ring road.	Moderate gradient Modified Area	This area has been modified and, as such, is deemed to be of no archaeological significance.	Main ring road that spans the length of the area at the top of the slopes	39 exotics trees are located in this area, again dominant by far are the eucalypts. Both this and the previous Area A1 provide the vegetative 'skirt' around the maunga where it interfaces with dwellings.	No
B	Western Shoulder	This area is located in the south-western corner of the site; flanking the eastern and southern boundaries and runs up to the main vehicular ring road.	Low-moderate gradient Non-modified Area	Archaeological features are thought to be present.	Main ring road that spans the length of the area at the top of the slopes and Flat, grassed area to the right of the vehicle entrance off Summit Avenue.	43 exotics trees are located in this area, again mostly eucalypts but a strong presence of Banksia which seem concentrated on the western side of the sportsfield and east-facing slope of the Central Rises (D).	No
C	Sports Field Mound	This area is located in the southern half of the site, sitting inside the main vehicular ring road and adjacent to the main sports and its car park.	Flat gradient Non-modified area	This mound has clear signs of both modification and intact archaeology, including some very well formed pit features. There are also areas of it, particularly at the eastern end where it is not entirely obvious whether modifications have occurred, or if it has occurred to what extent, and therefore what the likelihood of intact subsurface archaeology is.	Main sports field and adjacent car park Main ring road on western and southern boundary of area	Only 10 exotics trees are located in this area, which is divided between the flat section by the car park and the fenced mound which is predominantly native.	Yes - the large flat modified area between areas C and D will serve as a processing site.
D	Central Rises	This area runs between the main and secondary sports fields that are identified as processing areas. Its western boundary is the main ring road. Its eastern boundary is	Steep gradient	The majority of this area has been modified by quarry activities and the creation of the sports field. There are locations on the periphery of this area that have intact archaeological evidence, the majority has been destroyed.	Main ring road that spans the length of the area at the top of the slopes and Flat, grassed area (Processing Site 1) is in close proximity	107 exotics trees are located in this area, the majority of which occupy the larger (eastern) flank. 47 of the flowering cherries and 21 of the Eucalyptus live here.	No - but edges accessible by crane from both sportsfield and archery club areas. Central strip beyond crane reach
E	Thi	This area runs from south of the sportsfield up to the thi apex and down through a well-wooded valley to the archery field corner.	Steep with terracing up to the thi.	Archaeological features are present, some of the periphery of the area has been modified by quarrying.	Main ring road that spans the length of the area at the top of the slopes and Flat, grassed area (Processing Site 1) is in close proximity	62 exotic trees are located in this area, of which just over half (34) are cherries.	No
F	Eastern Pseudo Shoulder	This area comprises a crater rim-like mound, centrally divided by the entrance to the archery club car-park	Steep gradient with informal paths along the ridgepole. A few trees are positioned on the outside (road) face and apex but the majority are on the inner slopes.	The area is understood to have been quarried and the former rail track that led from the level field is now removed.	Main road has a turn off into the car park with a chain gate permitting access to the field and central slope.	A similar number, 68 exotic trees are located in this area. These are again mostly made up of cherries and eucalypts and perhaps indicate the managed restoration activity following quarry cessation.	Yes - the large flat modified area inside and below the elevated rim will serve as a processing site

Operational Management Requirements

Appendix E sets out operational management requirements for carrying out the works.

The requirements focus on compliance with health and safety, regulation compliance and client relationship.

This would form part of a delivery plan and its purpose to achieve the desired outcomes within the various requirements and constraints of the project, as well as providing reassurance to the Authority, it is recommended that the contractor be required to adequately demonstrate appropriate operations management system controls.

Appendix A: Description of Tree Removal Methods

Method	Description
Ringbarking, spraying, drill and fill methods	Where trees can be left to die and decay in situ, various techniques can be employed to kill a standing tree. Removing a complete ring of bark near the base of the tree can effectively kill the upward portion of many types of tree that exhibit secondary growth. Other alternative methods involve the application of herbicide via holes drilled in the base of the stem or direct spraying of the foliage or basal bark. The trees will die after a period and will slowly decay and fall apart in sections or fail at the root plate or base.
Manual felling	The tree is cut at the base using approved felling techniques. A pre-installed pull rope can be hand pulled by ground staff or attached to a hand winch to assist with directional felling. The cutting arborist (herein after referred to as the cutter) may use other tools such as hammer and wedges, felling lever, or jack to push open the back cut to assist with directional felling. Once the final cut (the back cut) has been completed, and the tree begins to fall, the cutter retreats from the base of the tree via pre-planned escape route. If pull assisted felling is being employed, the cutter may have the opportunity to retreat via the escape route before the tree is pulled over. A felled tree is typically dismantled using approved snedding or delimiting techniques to remove side branches. Logs can be cut to required lengths.
Machine assisted manual felling	The excavator operator positions the excavator in an appropriate position to push the tree in the intended direction of fell or is attached to a pull line and positioned to pull the tree in the intended felling direction. The cutter makes felling cuts at the base of the tree. Once the final cut (the back cut) has been completed, the cutting arborist retreats from the base of the tree via pre planned escape route. The excavator then pushes or pulls the tree over. A felled tree is typically dismantled using approved snedding or delimiting techniques to remove side branches. Logs can be cut to required lengths.
Manual dismantling	The tree may be accessed using a mobile elevated work platform (MEWP or by a climber with a rope and harness. Approved cutting techniques can be used to cut the tree in sections. Sections can be cut and allowed to free fall to the ground or can be cut and snapped off by hand and then thrown to the ground. Cut sections can be pushed by the climber or pulled by ground staff using a pull line to assist cut sections to fall in a particular direction.
Manual dismantling using rigging techniques	The tree can be accessed using a MEWP or by a climber with a rope and harness. The tree can be dismantled in sections using approved cutting techniques. Where there are targets below and/or debris needs to be lowered or relocated in a controlled manner, rigging techniques can be employed. Rigging typically involves the use of a system of ropes, pulleys/rings, and a ground based friction device, and other hardware. Rigging techniques can be used to lift or lower cut sections, or more advanced techniques such as sky/speed line or compound rigging can be used to transport cut material to another location. Using appropriate rigging techniques can reduce or avoid the impact of falling debris. Additional impact prevention measures can be implemented for sensitive sites such as the use of padding or impact resistant materials for crash pads.
MEWP assisted dismantling	The MEWP operator will position the truck and set it up in an appropriate place. The work platform is used to access the tree. From the platform, the tree can be dismantled using proper cutting and rigging procedures. If the work is near overhead power lines, an insulated boom, insulated tools and other specialist equipment can be utilised by competent and suitably qualified staff to clear vegetation from the power lines. Specific procedures need to be followed for work around overhead power lines. The voltage, weather and proximity of vegetation, vehicles, tools, and staff all need to be considered. When working near overhead power lines, a dedicated safety observer is positioned to watch the MEWP operator to ensure no part accidentally comes in contact with the overhead lines. When working on network lines the network

	<p>operator's control centre needs to be notified about timing and location of work. A MEWP may also be utilised to dismantle trees that are unsafe to climb or difficult for a climber to access. The MEWP operator can cut small sections that can be snapped off by hand. The MEWP can be used to fly the held piece over to an appropriate position where they can be safely dropped.</p>
<p>Crane assisted dismantling</p>	<p>The crane will be setup in an appropriate location. A climber will access the tree using a rope and harness or via the crane. The lifting dogman will direct the crane operator to manoeuvre the hook to the climber. The climber will attach the crane hook using chains or sling to the section to be cut. The dogman will direct the crane operator to apply appropriate tension and position the hook over the section's centre of gravity. The climber will descend to a position agreed with the dogman to perform the cut sequence. Once directed by the dogman, the climber will proceed to cut the section to release it in a controlled manner. As the piece is released, the dogman will direct the crane operator to lift the section smoothly up and away from the climber. The crane operator will fly the load to the processing site where he will be directed by the landing dogman to lower and settle the section. Once the section has been stabilised, the sling/chains can be released by ground staff. The crane operator then directs the hook back to the climber for the next lift and the sequence is repeated.</p>
<p>Helicopter assisted dismantling</p>	<p>A suitably qualified climbing arborist (herein after referred to as the climber) will access the tree using a rope and harness. The tree may be pre-stopped (long choker slings/strops attached prior, to minimise flying time). The climber will check and adjust if necessary sling. The lifting dogman will direct the helicopter pilot to manoeuvre the helicopter hook to the climber. The hook is attached to the helicopter via a long line. The climber will attach the sling to the hook and signal the dogman. The lifting dogman will direct the pilot to take up the slack and position the helicopter over the load's centre of gravity. The lifting dogman will communicate with the climber to place the cuts at an appropriate point to ensure the load is within the helicopter's lifting capabilities and so the loaded can be lifted smoothly away from the climber.</p> <p>Once the climber has completed the cut procedure, the lifting dogman will direct the pilot to lift the load away from the climber and transport it to the processing site, via planned extraction zones. The landing dogman will direct the pilot to lower and release the load at the processing site. All machinery, vehicles and staff are kept clear of the flight path and suspended load. Once the load has been released, the pilot will return for the next lift, and the procedure will be repeated.</p> <p>During flying operations, only work that is strictly necessary is to be carried out within the landing zone, e.g. releasing slings and safe placement of loads. Loads are only to be approached once they have been safely landed and stabilised.</p>

Appendix B: Description of Tree Processing Methods

Method	Description
Cut and Leave	Material can be left as it lies or stacked into eco piles that will provide habitat and decay over time returning nutrients to the soil.
Mulch On Site	Where mulch can be utilised on site, the chipped material can be chipped directly into a pile or chipped into a truck and tipped at an accessible location. If the cut material is to be chipped directly onto the site, a track mounted chipper can be used for less accessible sites.
Mulch Off Site	Chip-able material can be fed manually or by an excavator into a wood chipper that sprays the chip into the back of a tipper truck. Two 10t trucks will operate in rotation to remove mulch from site when processing higher volumes with an excavator. Truck movements can be up to 8-10 movements to and from site per day.
Log On Site	Logs can be left in length or cut into manageable sizes for the public to remove for firewood.
Log Off Site	Larger logs can be cut up and loaded into a truck manually, or loaded in larger lengths with a loader, crane, hiab or excavator. Logs can be transported from site in up to 5m lengths using a 10t tip truck or hi-ab truck with of 5m deck which can tow a trailer with additional 5m deck. Truck movements are estimated to be up to 4-5 movements to and from site per day.

Appendix C: Itemised Tree Inventory

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPI/S Status	dbh_mm	height_approx_ canopy_spread_m_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shaft	Primary Removal Method
1	Unknown	Unknown	-36.890244	174.718847	Unknown	Unknown										Retained
2	Cupressus macrocarpa - Monterey cypress	Exotic - High Risk/ Obstructs Viewshaft	-36.89148641	174.7192072	C - Sports field/round	Not a pest plant	2200	15	Dominant	Over-mature/senescence	Poor	Probable	Medium	Severe	Yes	Manual Dismantling
3	Quercus ilix - holm oak	Exotic - High Risk/ Obstructs Viewshaft	-36.89146937	174.7192844	C - Sports field/round	Not a pest plant	650	12	Intermediate	Mature	Poor	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
4	Metrosideros excelsa - pohutukawa	Native	-36.89137981	174.7192982	C - Sports field/round	Not a pest plant	500:500:250-450:500	22	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Retained
5	Metrosideros excelsa - pohutukawa	Native	-36.89137872	174.7192129	C - Sports field/round	Not a pest plant	600	15	Intermediate	Mature	Average	Improbable	Medium	Severe	Yes	Retained
6	Metrosideros excelsa - pohutukawa	Native	-36.8913353	174.7192354	C - Sports field/round	Not a pest plant	500:250	15	Co-dominant	Mature	Poor	Possible	Medium	Severe	Yes	Retained
7	*Acmena smithii, Syzygium-illy pilli, monkey apple*	Exotic - High Risk/ Obstructs Viewshaft	-36.89127881	174.7192115	C - Sports field/round	Surveillance pest plant	500:500:450	20	Co-dominant	Over-mature/senescence	Poor	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
8	Metrosideros excelsa - pohutukawa	Native	-36.89119959	174.7190376	C - Sports field/round	Not a pest plant	650:650:500:750:200:300	18	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
9	*Acmena smithii, Syzygium-illy pilli, monkey apple*	Exotic	-36.89124722	174.719003	C - Sports field/round	Surveillance pest plant	350:350:200	10	Suppressed	Mature	Poor	Probable	Low	Minor	Yes	Manual Dismantling
10	Quercus ilix - holm oak	Exotic	-36.89128019	174.7189874	C - Sports field/round	Not a pest plant	500:450:300:350	18	Co-dominant	Mature	Average	Improbable	Medium	Severe	Yes	Manual Dismantling
11	Metrosideros excelsa - pohutukawa	Native	-36.89113971	174.7186689	C - Sports field/round	Not a pest plant	400:600:400:750:650	18	Co-dominant	Mature	Poor	Possible	Medium	Significant	Yes	Retained
12	Quercus ilix - holm oak	Exotic	-36.89090887	174.7186647	C - Sports field/round	Not a pest plant	950	20	Co-dominant	Mature	Average	Improbable	Medium	Severe	Yes	Manual Dismantling
13	Metrosideros excelsa - pohutukawa	Native - High Risk/ Obstructs Viewshaft	-36.8907137	174.7186698	C - Sports field/round	Not a pest plant	100:100:110:750	14	Dominant	Over-mature/senescence	Poor	Probable	Medium	Severe	Yes	Retained
14	Vibx lucens - Puri	Native	-36.89077544	174.7187867	C - Sports field/round	Not a pest plant	450:900:400	12	Co-dominant	Mature	Poor	Improbable	Low	Significant	Yes	Retained
15	Metrosideros excelsa - pohutukawa	Native	-36.89091982	174.7187653	C - Sports field/round	Not a pest plant	750:700	20	Co-dominant	Mature	Average	Improbable	Low	Significant	Yes	Retained
16	Vibx lucens - Puri	Native	-36.89094446	174.7187221	C - Sports field/round	Not a pest plant	500	15	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Retained
17	Quercus ilix - holm oak	Exotic	-36.89100502	174.7187115	C - Sports field/round	Not a pest plant	2000	22	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Dismantling
18	Quercus ilix - holm oak	Exotic	-36.89104048	174.7186842	C - Sports field/round	Not a pest plant	750:750:650	22	Co-dominant	Mature	Average	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
19	Metrosideros excelsa - pohutukawa	Native	-36.89094528	174.7189014	C - Sports field/round	Not a pest plant	500:500:1100	20	Co-dominant	Mature	Average	Possible	Low	Severe	Yes	Retained
20	Vibx lucens - Puri	Native	-36.89091302	174.7189144	C - Sports field/round	Not a pest plant	500:500:600:600	16	Suppressed	Mature	Average	Possible	Low	Severe	Yes	Retained
21	Metrosideros excelsa - pohutukawa	Native	-36.89092157	174.7188574	C - Sports field/round	Not a pest plant	250	10	Co-dominant	Mature	Poor	Imminent	Low	Significant	Yes	Retained
22	Metrosideros excelsa - pohutukawa	Native	-36.8910033	174.7188859	C - Sports field/round	Not a pest plant	500:300:800:900:750:300	18	Co-dominant	Mature	Poor	Possible	Low	Significant	Yes	Retained
23	Quercus ilix - holm oak	Exotic	-36.89117898	174.7189792	C - Sports field/round	Not a pest plant	1300	22	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Crane Assisted Dismantling
24	Quercus ilix - holm oak	Exotic	-36.89104181	174.7190387	C - Sports field/round	Not a pest plant	1300	22	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Dismantling
25	*Acmena smithii, Syzygium-illy pilli, monkey apple*	Exotic - High Risk/ Obstructs Viewshaft	-36.8911092	174.7190836	O - Central/res	Surveillance pest plant	600:600:650:250	20	Co-dominant	Mature	Poor	Probable	Medium	Severe	Yes	Crane Assisted Dismantling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPH's Status	dbh_min	height_approx_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood or Impact to a Target	Consequence of Failure	Observations View Status	Primary Removal Method
26	Metrosideros excelsa - pohutukawa	Native	-36.89026422	174.7188173	D - Central/Ries	Not a pest/plant	650	13	11	Co-dominant	Average	Possible	Medium	Severe	Yes	Retained
27	Viburnum lucidum - Puhī	Native	-36.89022156	174.7186666	D - Central/Ries	Not a pest/plant	850;850;750	9	20	Co-dominant	Average	Possible	Medium	Severe	Yes	Retained
28	Corynocarpus laevigata - Kōwhiri	Native	-36.89020333	174.7188035	D - Central/Ries	Not a pest/plant	600;500	11	Suppressed	Minor	Poor	Possible	Low	Significant	Yes	Retained
29	Metrosideros excelsa - pohutukawa	Native	-36.89018413	174.7190198	D - Central/Ries	Not a pest/plant	400;400;350;300;300	14	16	Co-dominant	Average	Possible	Medium	Significant	Yes	Retained
30	Metrosideros excelsa - pohutukawa	Native	-36.89009204	174.7189936	D - Central/Ries	Not a pest/plant	350;350;300;250;250	12	11	Co-dominant	Average	Possible	Medium	Significant	Yes	Retained
31	Metrosideros excelsa - pohutukawa	Native	-36.89002077	174.7189352	D - Central/Ries	Not a pest/plant	200;200;400;350;350;300	10	11	Co-dominant	Average	Possible	Medium	Significant	Yes	Retained
32	Metrosideros excelsa - pohutukawa	Native	-36.89001863	174.7189963	D - Central/Ries	Not a pest/plant	550;400;400;400	12	10	Co-dominant	Average	Possible	Medium	Severe	Yes	Retained
33	Metrosideros excelsa - pohutukawa	Native	-36.88998787	174.7190088	D - Central/Ries	Not a pest/plant	400;400;300	10	11	Co-dominant	Poor	Possible	Low	Minor	Yes	Retained
34	Prunus sp.-flowering cherry	Exotic	-36.89009508	174.7190522	D - Central/Ries	Not a pest/plant	550	10	16	Co-dominant	Average	Improbable	Medium	Significant	Yes	Manual Dismantling
35	Prunus sp.-flowering cherry	Exotic	-36.88995233	174.7190311	D - Central/Ries	Not a pest/plant	300;150;200	10	7	Co-dominant	Poor	Possible	Low	Significant	Yes	Manual Dismantling
36	Metrosideros excelsa - pohutukawa	Native	-36.88998173	174.7190597	D - Central/Ries	Not a pest/plant	200;200;200;200;150;150	16	11	Co-dominant	Average	Possible	Low	Significant	Yes	Retained
37	Prunus sp.-flowering cherry	Exotic	-36.89003389	174.7190619	D - Central/Ries	Not a pest/plant	200	8	5	Suppressed	Poor	Probable	Low	Significant	No	Manual Dismantling
38	Metrosideros excelsa - pohutukawa	Native	-36.89010894	174.7191422	D - Central/Ries	Not a pest/plant	250;250;250;400;250;250	12	10	Co-dominant	Average	Possible	Low	Significant	Yes	Retained
39	Metrosideros excelsa - pohutukawa	Native	-36.89011222	174.7192132	D - Central/Ries	Not a pest/plant	400;300;300;250;200;200	12	10	Co-dominant	Average	Possible	Medium	Significant	Yes	Retained
40	Metrosideros excelsa - pohutukawa	Native	-36.89012819	174.7191726	D - Central/Ries	Not a pest/plant	300;300;100;200;400	11	16	Co-dominant	Average	Possible	Medium	Significant	Yes	Retained
41	Prunus sp.-flowering cherry	Exotic	-36.89005199	174.7191776	D - Central/Ries	Not a pest/plant	400;400;400	11	14	Co-dominant	Poor	Possible	Low	Severe	Yes	Manual Dismantling
42	Prunus sp.-flowering cherry	Exotic	-36.8900074	174.7191599	D - Central/Ries	Not a pest/plant	400;300	9	7	Intermediate	Poor	Possible	Low	Significant	Yes	Manual Dismantling
43	Metrosideros excelsa - pohutukawa	Native	-36.88997174	174.7192027	D - Central/Ries	Not a pest/plant	300;300	11	7	Co-dominant	Poor	Possible	Low	Significant	Yes	Retained
44	Prunus sp.-flowering cherry	Exotic	-36.88995149	174.7191334	D - Central/Ries	Not a pest/plant	300;300;250	12	9	Co-dominant	Poor	Possible	Low	Significant	Yes	Manual Dismantling
45	Metrosideros excelsa - pohutukawa	Native	-36.88990389	174.719062	D - Central/Ries	Not a pest/plant	400;400;400;350;350;300;250;200	12	5.0	Co-dominant	Poor	Possible	Medium	Significant	Yes	Retained
46	Prunus sp.-flowering cherry	Exotic	-36.88985477	174.7190797	D - Central/Ries	Not a pest/plant	500	10	10	Co-dominant	Average	Possible	Medium	Significant	Yes	Manual Dismantling
47	Prunus sp.-flowering cherry	Exotic	-36.8898784	174.7191253	D - Central/Ries	Not a pest/plant	400;350;300;300;200	11	12	Co-dominant	Poor	Possible	Low	Significant	Yes	Crane Assisted Dismantling
48	Metrosideros excelsa - pohutukawa	Native	-36.88988054	174.7192239	D - Central/Ries	Not a pest/plant	400	8	2	Minor	Poor	Probable	Low	Significant	Yes	Retained
49	Metrosideros excelsa - pohutukawa	Native	-36.88988052	174.7192476	D - Central/Ries	Not a pest/plant	300;200;150;100;100;75;75	9	7	Co-dominant	Average	Possible	Low	Minor	Yes	Retained
50	Prunus sp.-flowering cherry	Exotic	-36.88978072	174.7191881	D - Central/Ries	Not a pest/plant	350;400	10	9	Co-dominant	Average	Possible	Medium	Severe	Yes	Crane Assisted Dismantling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	IPHS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Unsuono of Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
51	Metrosideros excelsa - pohukawea	Native	-36.88982778	174.7192746	D - Central Rises	Not a pest plant	200-200-200-150; 150-300-300	10	10	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Retained
52	Metrosideros excelsa - pohukawea	Native	-36.88977371	174.7192782	D - Central Rises	Not a pest plant	250-250-250-200; 250	12	10	Co-dominant	Mature	Average	Possible	Low	Significant	Yes	Retained
53	Prunus sp.-flowering cherry	Exotic	-36.88976278	174.7192692	D - Central Rises	Not a pest plant	250-250-250	10	9	Co-dominant	Mature	Average	Possible	Low	Significant	Yes	Crone Assisted Dismantling
54	Prunus sp.-flowering cherry	Exotic	-36.88975263	174.7192236	D - Central Rises	Not a pest plant	250-200-350	10	10	Co-dominant	Mature	Poor	Possible	Low	Significant	Yes	Crone Assisted Dismantling
55	Fraxinus sp.	Exotic - High Risk/ Obstructs View Shaft	-36.88974438	174.7192223	D - Central Rises	Not a pest plant	400	9	8	Suppressed	Mature	Poor	Probable	Medium	Severe	No	Crone Assisted Dismantling
56	Fraxinus sp.	Exotic - High Risk/ Obstructs View Shaft	-36.88973808	174.7191911	D - Central Rises	Not a pest plant	300	5	10	Suppressed	Mature	Poor	Probable	Medium	Severe	No	Crone Assisted Dismantling
57	Metrosideros excelsa - pohukawea	Native	-36.88970939	174.7192059	D - Central Rises	Not a pest plant	200-200-200-200; 200-300-100	9	8	Intermediate	Mature	Poor	Possible	Medium	Significant	No	Retained
58	Metrosideros excelsa - pohukawea	Native	-36.88968801	174.7192339	D - Central Rises	Not a pest plant	200-200-200-200; 300-250-300-150	11	9	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
59	Prunus sp.-flowering cherry	Exotic	-36.88973118	174.7192766	D - Central Rises	Not a pest plant	250-200-200-150	9	9	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Crone Assisted Dismantling
60	Prunus sp.-flowering cherry	Exotic	-36.8897461	174.7192951	D - Central Rises	Not a pest plant	450	10	9	Co-dominant	Mature	Average	Improbable	Medium	Severe	Yes	Crone Assisted Dismantling
61	Metrosideros excelsa - pohukawea	Native	-36.8897158	174.7193715	D - Central Rises	Not a pest plant	600	12	10	Dominant	Mature	Average	Improbable	Medium	Severe	Yes	Retained
62	Eucalyptus sp.	Exotic	-36.88955483	174.7192727	F - Eastern Pseudo-rim	Not a pest plant	400	12	7	Dominant	Mature	Poor	Possible	Medium	Severe	Yes	Manual Dismantling
63	Olea sp. - olive	Exotic - High Risk/ Obstructs View Shaft	-36.88954896	174.7201108	F - Eastern Pseudo-rim	Surveillance pest plant	250-250-200-150	5	17	Intermediate	Mature	Poor	Probable	Medium	Significant	No	Manual Dismantling
64	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
65	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
66	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
67	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
68	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
69	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
70	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
71	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
72	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
73	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
74	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
75	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPMIS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Quaranta View Status	Primary Removal Method
76	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
77	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
78	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
79	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
80	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
81	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
82	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
83	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
84	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
85	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
86	Prunus sp.-flowering cherry	Exotic	-36.88960803	174.7197836	F - Eastern Pseudo-rim	Not a pest/plant		6	10	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Manual Felling
87	Grevillea robusta - silky oak	Exotic	-36.88948584	174.7201309	F - Eastern Pseudo-rim	Unknown		18	10	Co-dominant	Mature	Average	Probable	High	Severe	No	Crone Assisted Dk remaining
88	Grevillea robusta - silky oak	Exotic	-36.88948584	174.7201309	F - Eastern Pseudo-rim	Unknown		18	10	Co-dominant	Mature	Average	Probable	High	Severe	No	Crone Assisted Dk remaining
89	Grevillea robusta - silky oak	Exotic	-36.88948584	174.7201309	F - Eastern Pseudo-rim	Unknown		18	10	Co-dominant	Mature	Average	Probable	High	Severe	No	Crone Assisted Dk remaining
90	Grevillea robusta - silky oak	Exotic	-36.88948584	174.7201309	F - Eastern Pseudo-rim	Unknown		18	10	Co-dominant	Mature	Average	Probable	High	Severe	No	Crone Assisted Dk remaining
91	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
92	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
93	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
94	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
95	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
96	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
97	Prunus sp.-flowering cherry	Exotic	-36.8896518	174.7206279	F - Eastern Pseudo-rim	Not a pest/plant		7	22	Inhermediate	Mature	Poor	Probable	Low	Significant	No	Manual Felling
98	Rodocarpus bbara - bbara	Native	-36.88987708	174.7211098	F - Eastern Pseudo-rim	Not a pest/plant	150	5	3.5	Dominant	Semi-mature	Average	Improbable	Low	Minor	No	Related
99	Prunus sp.-flowering cherry	Exotic	-36.8900095	174.7212385	F - Eastern Pseudo-rim	Not a pest/plant		9	30	Co-dominant	Mature	Poor	Probable	Low	Minor	No	Manual Felling
100	Prunus sp.-flowering cherry	Exotic	-36.8900095	174.7212385	F - Eastern Pseudo-rim	Not a pest/plant		9	30	Co-dominant	Mature	Poor	Probable	Low	Minor	No	Manual Felling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPLIS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood or Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
101	Podocarpus bora - bora	Native	-36.8895041	174.721243	F - Eastern Pseudo-rim	Not a pest plant		8	7		Semi-mature	Good	Improbable	Very Low	Minor	No	Retained
102	Podocarpus bora - bora	Native	-36.8895041	174.721243	F - Eastern Pseudo-rim	Not a pest plant		8	7		Semi-mature	Good	Improbable	Very Low	Minor	No	Retained
103	Crevalle robusta - silky oak	Exotic	-36.8895041	174.721243	F - Eastern Pseudo-rim	Unknown	650	12	10	Dominant	Mature	Average	Possible	Medium	Significant	Yes	Machine Assisted Manual Felling
104	Podocarpus bora - bora	Native	-36.8895041	174.721243	F - Eastern Pseudo-rim	Not a pest plant		7	6	Intermediate	Semi-mature	Good	Improbable	Low	Minor	Yes	Retained
105	Eucalyptus sp.	Exotic	-36.8900234	174.721367	F - Eastern Pseudo-rim	Not a pest plant	700-500-450	20	17	Dominant	Mature	Average	Possible	Low	Severe	Yes	Manual Felling
106	Podocarpus bora - bora	Native	-36.8901084	174.721378	F - Eastern Pseudo-rim	Not a pest plant	2200	9	12	Dominant	Mature	Average	Improbable	Low	Minor	No	Retained
107	Prunus sp. - flowering cherry	Exotic	-36.89028645	174.7213292	F - Eastern Pseudo-rim	Not a pest plant		10	12	Suppressed	Semi-mature	Poor	Possible	Low	Minor	No	Manual Felling
108	Prunus sp. - flowering cherry	Exotic	-36.89028645	174.7213292	F - Eastern Pseudo-rim	Not a pest plant		10	12	Suppressed	Semi-mature	Poor	Possible	Low	Minor	No	Manual Felling
109	Prunus sp. - flowering cherry	Exotic	-36.89028645	174.7213292	F - Eastern Pseudo-rim	Not a pest plant		10	12	Suppressed	Semi-mature	Poor	Possible	Low	Minor	No	Manual Felling
110	Podocarpus bora - bora	Native	-36.8903023	174.7212839	F - Eastern Pseudo-rim	Not a pest plant		8	10	Intermediate	Semi-mature	Average	Improbable	Low	Minor	No	Retained
111	Podocarpus bora - bora	Native	-36.8903023	174.7212839	F - Eastern Pseudo-rim	Not a pest plant		8	10	Intermediate	Semi-mature	Average	Improbable	Low	Minor	No	Retained
112	Prunus sp. - flowering cherry	Exotic	-36.89035832	174.7213278	F - Eastern Pseudo-rim	Not a pest plant	300	9	10	Intermediate	Mature	Average	Improbable	Very Low	Significant	No	Manual Felling
113	Metrosideros excelsa - pohutukawa	Native	-36.89037548	174.7213074	F - Eastern Pseudo-rim	Not a pest plant	350	11	9	Intermediate	Mature	Average	Improbable	Low	Significant	No	Retained
114	Podocarpus bora - bora	Native	-36.89029891	174.7213801	F - Eastern Pseudo-rim	Not a pest plant		9	7	Intermediate	Semi-mature	Average	Improbable	Low	Minor	No	Retained
115	Eucalyptus sp.	Exotic	-36.89029891	174.7213801	F - Eastern Pseudo-rim	Unknown	900-900	25	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Machine Assisted Manual Felling
116	Eucalyptus sp.	Exotic	-36.89034598	174.721153	F - Eastern Pseudo-rim	Not a pest plant		15	14	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
117	Eucalyptus sp.	Exotic	-36.89034598	174.721153	F - Eastern Pseudo-rim	Not a pest plant		15	14	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
118	Eucalyptus sp.	Exotic	-36.89038869	174.721527	F - Eastern Pseudo-rim	Not a pest plant		12	11	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
119	Eucalyptus sp.	Exotic	-36.89038869	174.721527	F - Eastern Pseudo-rim	Not a pest plant		12	11	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
120	Prunus sp. - flowering cherry	Exotic	-36.89037628	174.7214945	F - Eastern Pseudo-rim	Not a pest plant		12	10	Intermediate	Mature	Poor	Improbable	Very Low	Minor	Yes	Crane Assisted Demanding
121	Eucalyptus sp.	Exotic	-36.89041892	174.7215317	F - Eastern Pseudo-rim	Not a pest plant		16	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
122	Eucalyptus sp.	Exotic	-36.89041892	174.7215317	F - Eastern Pseudo-rim	Not a pest plant		16	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
123	Podocarpus bora - bora	Native	-36.89033955	174.7214479	F - Eastern Pseudo-rim	Not a pest plant	200	8	5	Intermediate	Semi-mature	Good	Improbable	Low	Minor	No	Retained
124	Prunus sp. - flowering cherry	Exotic	-36.89040149	174.721362	F - Eastern Pseudo-rim	Not a pest plant	200-250-200-200	10	9	Intermediate	Mature	Poor	Probable	Low	Minor	No	Manual Demanding
125	Podocarpus bora - bora	Native	-36.8905184	174.721305	F - Eastern Pseudo-rim	Not a pest plant		9	15	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPLS Status	dbh_mm	Height approx. canopy spread m _w	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Severity of Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
126	Podocarpus tbara - tbara	Native	-36.8905184	174.721305	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Retained
127	Podocarpus tbara - tbara	Native	-36.8905184	174.721305	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Retained
128	Podocarpus tbara - tbara	Native	-36.89048006	174.7213922	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Semi-mature	Good	Improbable	Very Low	Minor	No	Retained
129	Podocarpus tbara - tbara	Native	-36.89048006	174.7213922	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Semi-mature	Good	Improbable	Very Low	Minor	No	Retained
130	Prunus sp.-flowering cherry	Exotic	-36.89055869	174.7212623	F - Eastern Pseudo-rim	Nota pest/plant	2000x200	8	Suppressed	Mature	Poor	Improbable	Very Low	Minor	No	Manual Dismantling
131	Podocarpus tbara - tbara	Native	-36.89060763	174.7212347	F - Eastern Pseudo-rim	Nota pest/plant	400	9	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Retained
132	Prunus sp.-flowering cherry	Exotic	-36.89068789	174.7212275	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
133	Prunus sp.-flowering cherry	Exotic	-36.89068789	174.7212275	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
134	Prunus sp.-flowering cherry	Exotic	-36.89068789	174.7212275	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
135	Prunus sp.-flowering cherry	Exotic	-36.89068789	174.7212275	F - Eastern Pseudo-rim	Nota pest/plant		9	Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
136	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89065864	174.7214281	F - Eastern Pseudo-rim	Nota pest/plant		14	Dominant	Mature	Average	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
137	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89065864	174.7214281	F - Eastern Pseudo-rim	Nota pest/plant		14	Dominant	Mature	Average	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
138	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89065864	174.7214281	F - Eastern Pseudo-rim	Nota pest/plant		14	Dominant	Mature	Average	Probable	Medium	Severe	Yes	Crane Assisted Dismantling
139	Prunus sp.-flowering cherry	Exotic	-36.89059375	174.7214432	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
140	Prunus sp.-flowering cherry	Exotic	-36.89059375	174.7214432	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Manual Dismantling
141	Podocarpus tbara - tbara	Native	-36.89067956	174.7213543	F - Eastern Pseudo-rim	Nota pest/plant	1000	13	Co-dominant	Mature	Poor	Possible	Very Low	Significant	No	Retained
142	Prunus sp.-flowering cherry	Exotic	-36.89074563	174.7213146	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Semi-mature	Average	Improbable	Very Low	Negligible	No	Manual Dismantling
143	Prunus sp.-flowering cherry	Exotic	-36.89074563	174.7213146	F - Eastern Pseudo-rim	Nota pest/plant		8	Intermediate	Semi-mature	Average	Improbable	Very Low	Negligible	No	Manual Dismantling
144	Eucalyptus sp.	Exotic	-36.8908131	174.7213352	F - Eastern Pseudo-rim	Nota pest/plant	650	7	Suppressed	Mature	Poor	Probable	Very Low	Minor	No	Crane Assisted Dismantling
145	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89083155	174.7213499	F - Eastern Pseudo-rim	Nota pest/plant	300x250	11	Co-dominant	Mature	Poor	Possible	Low	Significant	Yes	Crane Assisted Dismantling
146	Metrosideros excelsa - pohutukawa	Native	-36.89083897	174.7213405	F - Eastern Pseudo-rim	Nota pest/plant	400x300x200x150	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
147	Metrosideros excelsa - pohutukawa	Native	-36.89088071	174.7213423	E - Thi	Nota pest/plant	250	8	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
148	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89093306	174.7213179	E - Thi	Nota pest/plant	750	7	Co-dominant	Mature	Poor	Probable	Low	Significant	No	Crane Assisted Dismantling
149	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89102359	174.7212397	E - Thi	Nota pest/plant	750	16	Co-dominant	Mature	Average	Probable	Medium	Significant	Yes	Crane Assisted Dismantling
150	Populus x euramericana - hybrid poplar P. nigra x P. deltoides	Exotic	-36.89097613	174.7212799	E - Thi	Nota pest/plant	700	16	Co-dominant	Mature	Average	Probable	Medium	Significant	Yes	Crane Assisted Dismantling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
151	Metrosideros excelsa - pohutukawa	Native	-36.89109653	174.7217175	E - Tth	Not a pest/plant	300-300-300-250-100/75	11	13	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
152	Prunus sp.-flowering cherry	Exotic	-36.8910088	174.7211635	E - Tth	Not a pest/plant	500	14	8	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Crane Assisted Dismantling
153	Prunus sp.-flowering cherry	Exotic	-36.89100145	174.721005	E - Tth	Not a pest/plant		8	20	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Helicopter Assisted Dismantling
154	Prunus sp.-flowering cherry	Exotic	-36.89100145	174.721005	E - Tth	Not a pest/plant		8	20	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Helicopter Assisted Dismantling
155	Prunus sp.-flowering cherry	Exotic	-36.89100145	174.721005	E - Tth	Not a pest/plant		8	20	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Helicopter Assisted Dismantling
156	Unknown	Exotic	-36.89098319	174.7210105	E - Tth	Unknown		3	11	Suppressed	Mature	Poor	Possible	Low	Negligible	No	Manual Felling
157	Unknown	Exotic	-36.89098319	174.7210105	E - Tth	Unknown		3	11	Suppressed	Mature	Poor	Possible	Low	Negligible	No	Manual Felling
158	Eucalyptus sp.	Exotic	-36.890924	174.7210321	E - Tth	Not a pest/plant		18	22	Co-dominant	Mature	Average	Possible	Low	Severe	No	Helicopter Assisted Dismantling
159	Eucalyptus sp.	Exotic	-36.890924	174.7210321	E - Tth	Not a pest/plant		18	22	Co-dominant	Mature	Average	Possible	Low	Severe	No	Helicopter Assisted Dismantling
160	Eucalyptus sp.	Exotic	-36.89085154	174.721345	E - Tth	Not a pest/plant	650	14	18	Co-dominant	Mature	Average	Possible	Low	Severe	No	Crane Assisted Dismantling
161	Podocarpus bairia - bairia	Native	-36.89079777	174.7210321	E - Tth	Not a pest/plant		9	12	Intermediate	Mature	Good	Improbable	Medium	Minor	No	Retained
162	Podocarpus bairia - bairia	Native	-36.89079777	174.7210321	E - Tth	Not a pest/plant		9	12	Intermediate	Mature	Good	Improbable	Medium	Minor	No	Retained
163	Grevillea robusta - silky oak	Exotic	-36.89078734	174.721121	E - Tth	Not a pest/plant		20	10 each	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Crane Assisted Dismantling
164	Grevillea robusta - silky oak	Exotic	-36.89078734	174.721121	E - Tth	Not a pest/plant		20	10 each	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Crane Assisted Dismantling
165	Grevillea robusta - silky oak	Exotic	-36.89078734	174.721121	E - Tth	Not a pest/plant		20	10 each	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Crane Assisted Dismantling
166	Podocarpus bairia - bairia	Native	-36.89071817	174.721246	E - Tth	Not a pest/plant	200	7	7	Intermediate	Semi-mature	Good	Improbable	Very Low	Minor	No	Retained
167	Podocarpus bairia - bairia	Native	-36.89062572	174.721245	E - Tth	Not a pest/plant	500	11	11	Co-dominant	Mature	Good	Improbable	Very Low	Minor	No	Retained
168	Metrosideros excelsa - pohutukawa	Native	-36.8910514	174.721283	E - Tth	Not a pest/plant	400-400-350-100	10	14	Co-dominant	Mature	Average	Improbable	Low	Significant	No	Retained
169	Podocarpus bairia - bairia	Native	-36.89105228	174.7211853	E - Tth	Not a pest/plant		9	20	Intermediate	Mature	Average	Improbable	Very Low	Minor	No	Retained
170	Podocarpus bairia - bairia	Native	-36.89105228	174.7211853	E - Tth	Not a pest/plant		9	20	Intermediate	Mature	Average	Improbable	Very Low	Minor	No	Retained
171	Podocarpus bairia - bairia	Native	-36.89105228	174.7211853	E - Tth	Not a pest/plant		9	20	Intermediate	Mature	Average	Improbable	Very Low	Minor	No	Retained
172	Podocarpus bairia - bairia	Native	-36.89105228	174.7211853	E - Tth	Not a pest/plant		9	20	Intermediate	Mature	Average	Improbable	Very Low	Minor	No	Retained
173	Quercus coccinea - scarlet oak	Exotic	-36.89101139	174.7209115	E - Tth	Not a pest/plant	400	12	16	Co-dominant	Mature	Good	Improbable	Medium	Minor	No	Helicopter Assisted Dismantling
174	Prunus sp.-flowering cherry	Exotic	-36.89104039	174.7209298	E - Tth	Not a pest/plant		11	14	Intermediate	Semi-mature	Average	Improbable	Low	Significant	No	Helicopter Assisted Dismantling
175	Prunus sp.-flowering cherry	Exotic	-36.89104039	174.7209298	E - Tth	Not a pest/plant		11	14	Intermediate	Semi-mature	Average	Improbable	Low	Significant	No	Helicopter Assisted Dismantling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM's Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequences of Failure	Outcrops View Shards	Primary Removal Method
176	Prunus sp./flowering cherry	Exotic	-36.89104039	174.7209298	E - Thi	Not a pest/plant	350	11	14	Intermediate	Semimature	Average	Improbable	Low	Significant	No	Helicopter Assisted Demanding
177	Quercus coccinea - soralet oak	Exotic	-36.89109449	174.7208896	E - Thi	Not a pest/plant	350	11	8	Co-dominant	Mature	Good	Improbable	Very Low	Negligible	No	Helicopter Assisted Demanding
178	Eucalyptus eugenioides - thin leaf stringbark	Exotic	-36.89114604	174.7209058	E - Thi	Not a pest/plant	850	20	11	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Helicopter Assisted Demanding
179	Metrosideros excelsa - pohutukawa	Native	-36.89117341	174.7209618	E - Thi	Not a pest/plant	350-300-300-200-300	18	15	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
180	Metrosideros excelsa - pohutukawa	Native	-36.89114624	174.7210157	E - Thi	Not a pest/plant	500-500-500-200-500-200-300-200-300	10	9	Co-dominant	Mature	Average	Improbable	Very Low	Significant	No	Retained
181	Metrosideros excelsa - pohutukawa	Native	-36.89109617	174.7210064	E - Thi	Not a pest/plant	200-200-200-250-250	12	8	Co-dominant	Mature	Average	Improbable	Medium	Significant	Yes	Retained
182	Metrosideros excelsa - pohutukawa	Native	-36.89116448	174.7211157	E - Thi	Not a pest/plant	300-200-200-250-250-100	10	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
183	Olea sp. - olive	Exotic	-36.89120084	174.7211009	E - Thi	Surveillance pest/plant	300	7	8	Intermediate	Mature	Poor	Possible	Medium	Minor	Yes	Crane Assisted Demanding
184	Metrosideros excelsa - pohutukawa	Native	-36.89128258	174.7210029	E - Thi	Not a pest/plant	400-400-350	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
185	Podocarpus laevis - tara	Native	-36.89152126	174.7196539	E - Thi	Not a pest/plant	300	9	7	Dominant	Mature	Good	Possible	Low	Minor	Yes	Retained
186	Cupressus macrocarpa - Monterey cypress	Exotic	-36.8911826	174.7197105	E - Thi	Not a pest/plant	850	16	10	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Machine Assisted Manual Felling
187	Podocarpus laevis - tara	Native	-36.89128959	174.7198157	E - Thi	Not a pest/plant	900	10	9	Co-dominant	Mature	Good	Possible	Low	Minor	Yes	Retained
188	Podocarpus laevis - tara	Native	-36.89132579	174.7197624	E - Thi	Not a pest/plant	600-500-500-300-300	10	9	Co-dominant	Mature	Good	Possible	Low	Minor	Yes	Retained
189	Podocarpus laevis - tara	Native	-36.8913628	174.7197131	E - Thi	Not a pest/plant	600-500-500-300-300	10	9	Co-dominant	Mature	Good	Possible	Low	Minor	Yes	Retained
190	Podocarpus laevis - tara	Native	-36.89139229	174.719684	E - Thi	Not a pest/plant	600-500-500-300	9	7	Co-dominant	Mature	Good	Possible	Low	Minor	Yes	Retained
191	Corynocarpus bevigibus - Kamia	Native	-36.89110162	174.7196625	E - Thi	Not a pest/plant	200-200	8	5	Intermediate	Mature	Good	Improbable	Low	Minor	Yes	Retained
192	Metrosideros excelsa - pohutukawa	Native	-36.89105362	174.719666	E - Thi	Not a pest/plant	800-600-500-500	12	22	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Retained
193	Metrosideros excelsa - pohutukawa	Native	-36.89104209	174.7200444	E - Thi	Not a pest/plant	400-400-400-350-350-350-300-300	16	25	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Retained
194	Prunus sp./flowering cherry	Exotic	-36.89089542	174.7201731	D - Central/Ries	Not a pest/plant		9	13	Co-dominant	Mature	Average	Possible	Low	Significant	No	Helicopter Assisted Demanding
195	Prunus sp./flowering cherry	Exotic	-36.89089542	174.7201731	D - Central/Ries	Not a pest/plant		9	13	Co-dominant	Mature	Average	Possible	Low	Significant	No	Helicopter Assisted Demanding
196	Prunus sp./flowering cherry	Exotic	-36.89089542	174.7201731	D - Central/Ries	Not a pest/plant		9	13	Co-dominant	Mature	Average	Possible	Low	Significant	No	Helicopter Assisted Demanding
197	Coprosma robusta - tararua	Native	-36.89020091	174.7193869	D - Central/Ries	Not a pest/plant	200	6	8	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Retained
198	Coprosma robusta - tararua	Native	-36.89020091	174.7193869	D - Central/Ries	Not a pest/plant	200	6	8	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Retained
199	Prunus sp./flowering cherry	Exotic	-36.89021003	174.7194691	D - Central/Ries	Not a pest/plant		10	10	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Manual Felling
200	Corynocarpus bevigibus - Kamia	Native	-36.89023711	174.7193889	D - Central/Ries	Not a pest/plant	200-150-150-100-100	9	6	Co-dominant	Mature	Average	Improbable	Medium	Minor	No	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPMIS Status	dbh_mm	Height, approx. m.	Height, approx. canopy spread, m.	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Urgency of Impact to a Target	Consequences of Failure	Obstacles View Shifts	Primary Removal Method
201	Corynocarpus bevigatus - Karaka	Native	-36.89031255	174.7194809	D - Central Rises	Not a pest plant	300	8	4	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
202	Podocarpus tataru - tataru	Native	-36.89031729	174.7195133	D - Central Rises	Not a pest plant	150	5	4	Intermediate	Semi-mature	Average	Improbable	Low	Minor	No	Retained
203	Prunus sp.-flowering cherry	Exotic	-36.89033365	174.7195804	D - Central Rises	Not a pest plant	9	9	12	Co-dominant	Mature	Average	Possible	Medium	Minor	Yes	Crane Assisted De-manding
204	Prunus sp.-flowering cherry	Exotic	-36.89033365	174.7195804	D - Central Rises	Not a pest plant	9	9	12	Co-dominant	Mature	Average	Possible	Medium	Minor	Yes	Crane Assisted De-manding
205	Podocarpus tataru - tataru	Native	-36.89036153	174.7196519	D - Central Rises	Not a pest plant	250	9	6	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained
206	Metrosideros excelsa - pohutukawa	Native	-36.89038433	174.7196126	D - Central Rises	Not a pest plant	400	13	8	Co-dominant	Mature	Good	Improbable	Medium	Significant	Yes	Retained
207	Podocarpus tataru - tataru	Native	-36.89035328	174.719703	D - Central Rises	Not a pest plant	150	7	3	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	Yes	Retained
208	Vibex lucens - Puri	Native	-36.8903854	174.7196964	D - Central Rises	Not a pest plant	900	10	10	Co-dominant	Mature	Average	Improbable	Medium	Significant	No	Retained
209	Vibex lucens - Puri	Native	-36.89041061	174.7196528	D - Central Rises	Not a pest plant	500	10	10	Co-dominant	Mature	Average	Improbable	Medium	Significant	No	Retained
210	Prunus sp.-flowering cherry	Exotic	-36.89037788	174.7197355	D - Central Rises	Not a pest plant	700	8	11	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Crane Assisted De-manding
211	Podocarpus tataru - tataru	Native	-36.89038647	174.7197600	D - Central Rises	Not a pest plant	250	9	4	Co-dominant	Mature	Good	Improbable	Low	Minor	Yes	Retained
212	Podocarpus tataru - tataru	Native	-36.89042428	174.7197919	D - Central Rises	Not a pest plant	350	11	7	Co-dominant	Mature	Good	Improbable	Low	Minor	Yes	Retained
213	Corynocarpus bevigatus - Karaka	Native	-36.89048354	174.7197628	D - Central Rises	Not a pest plant	9	9	13	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
214	Corynocarpus bevigatus - Karaka	Native	-36.89048354	174.7197628	D - Central Rises	Not a pest plant	9	9	13	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
215	Corynocarpus bevigatus - Karaka	Native	-36.89048354	174.7197628	D - Central Rises	Not a pest plant	9	9	13	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
216	Unknown	Unknown	-36.8905253	174.7198127	D - Central Rises	Not a pest plant	150	8	2	Co-dominant	Semi-mature	Average	Improbable	Low	Minor	Yes	Retained
217	Vibex lucens - Puri	Native	-36.89051331	174.7198167	D - Central Rises	Not a pest plant	12	12	20	Co-dominant	Mature	Average	Possible	Low	Minor	Yes	Retained
218	Vibex lucens - Puri	Native	-36.89051331	174.7198167	D - Central Rises	Not a pest plant	12	12	20	Co-dominant	Mature	Average	Possible	Low	Minor	Yes	Retained
219	Vibex lucens - Puri	Native	-36.89051331	174.7198167	D - Central Rises	Not a pest plant	12	12	20	Co-dominant	Mature	Average	Possible	Low	Minor	Yes	Retained
220	Podocarpus tataru - tataru	Native	-36.89054897	174.7198737	D - Central Rises	Not a pest plant	10	10	20	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained
221	Podocarpus tataru - tataru	Native	-36.89054897	174.7198737	D - Central Rises	Not a pest plant	10	10	20	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained
222	Podocarpus tataru - tataru	Native	-36.89054897	174.7198737	D - Central Rises	Not a pest plant	10	10	20	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained
223	Podocarpus tataru - tataru	Native	-36.890556157	174.7198669	D - Central Rises	Not a pest plant	400	11	8	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained
224	Platanus x acerifolia - London Plane tree	Exotic	-36.89062083	174.7198992	D - Central Rises	Not a pest plant	850	12	12	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Crane Assisted De-manding
225	Podocarpus tataru - tataru	Native	-36.89065462	174.7198808	D - Central Rises	Not a pest plant	10	10	15	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	Pests Status	dbh_cm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shaft	Primary Removal Method
226	Podocarpus tataru - tataru	Native	-36.89065462	174.7198808	D - Central/Rises	Not a pest/plant		10	15	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
227	Podocarpus tataru - tataru	Native	-36.89065462	174.7198808	D - Central/Rises	Not a pest/plant		10	15	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
228	Salix sp. - willow	Exotic - High Risk/Obstructs Viewshaft	-36.89072568	174.7199056	D - Central/Rises	Unknown	850			Co-dominant	Mature	Poor	Probable	Medium	Significant	Yes	Cone Assisted Demanding
229	Vitex lucens - Puri	Native	-36.89062378	174.7199938	D - Central/Rises	Not a pest/plant	200-200-250/200-200/150	12	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
230	Podocarpus tataru - tataru	Native	-36.89065811	174.7201185	D - Central/Rises	Not a pest/plant		6	8	Intermediate	Semimature	Average	Improbable	Medium	Minor	Yes	Retained
231	Podocarpus tataru - tataru	Native	-36.89065811	174.7201185	D - Central/Rises	Not a pest/plant		6	8	Intermediate	Semimature	Average	Improbable	Medium	Minor	Yes	Retained
232	Unknown	Exotic	-36.89064631	174.7200675	D - Central/Rises	Unknown	200-200	5	4	Suppressed	Over-mature/Emesce	Poor	Possible	Medium	Significant	Yes	Retained
233	Corynocarpus bevigatus - Karaka	Native	-36.89067849	174.7200346	D - Central/Rises	Not a pest/plant	150	8	3	Intermediate	Mature	Poor	Possible	Low	Minor	Yes	Retained
234	Vitex lucens - Puri	Native	-36.89060081	174.7199696	D - Central/Rises	Not a pest/plant		9	8	Co-dominant	Mature	Poor	Improbable	Medium	Minor	Yes	Retained
235	Vitex lucens - Puri	Native	-36.89060081	174.7199696	D - Central/Rises	Not a pest/plant		9	8	Co-dominant	Mature	Poor	Improbable	Medium	Minor	Yes	Retained
236	Vitex lucens - Puri	Native	-36.89060081	174.7199696	D - Central/Rises	Not a pest/plant		9	8	Co-dominant	Mature	Poor	Improbable	Medium	Minor	Yes	Retained
237	Platanus x acerifolia - London Plane tree	Exotic	-36.89069677	174.7200434	D - Central/Rises	Not a pest/plant	250-250/200-100	11	10	Co-dominant	Mature	Poor	Improbable	Low	Minor	Yes	Cone Assisted Demanding
238	Podocarpus tataru - tataru	Native	-36.89068613	174.7200404	D - Central/Rises	Not a pest/plant	300	9	8	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Retained
239	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
240	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
241	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
242	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
243	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
244	Coprosma robusta - kararu	Native - High Risk/Obstructs Viewshaft	-36.89067312	174.7201939	D - Central/Rises	Not a pest/plant		5	8	Suppressed	Over-mature/Emesce	Poor	Probable	Medium	Minor	Yes	Retained
245	Unknown	Native - High Risk/Obstructs Viewshaft	-36.89073503	174.720198	D - Central/Rises	Unknown	200	7	5	Intermediate	Mature	Poor	Possible	Medium	Minor	Yes	Retained
246	Podocarpus tataru - tataru	Native	-36.89077904	174.7201483	D - Central/Rises	Not a pest/plant	200	4	4	Intermediate	Semimature	Average	Improbable	Medium	Minor	Yes	Retained
247	Metrosideros excelsa - pohutukawa	Native	-36.89066709	174.7200909	D - Central/Rises	Not a pest/plant		11	18	Co-dominant	Mature	Average	Improbable	Medium	Significant	No	Retained
248	Metrosideros excelsa - pohutukawa	Native	-36.89066709	174.7200909	D - Central/Rises	Not a pest/plant		11	18	Co-dominant	Mature	Average	Improbable	Medium	Significant	No	Retained
249	Corynocarpus bevigatus - Karaka	Native	-36.890655205	174.7200220	D - Central/Rises	Not a pest/plant	400	9	6	Suppressed	Mature	Average	Improbable	Medium	Minor	No	Retained
250	Prunus sp. - flowering cherry	Exotic	-36.88869491	174.7195556	D - Central/Rises	Not a pest/plant	550-500	10	15	Intermediate/Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Cone Assisted Demanding

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPI6 Status	dth_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Observed View Shafts	Primary Removal Method
251	Prunus sp.-flowering cherry	Exotic	-36.88965335	174.7194872	D - Central/Ries	Not a pest/plant	300	8	5	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
252	Prunus sp.-flowering cherry	Exotic	-36.88965657	174.7195126	D - Central/Ries	Not a pest/plant	200	8	5	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
253	Prunus sp.-flowering cherry	Exotic	-36.889711	174.7196189	D - Central/Ries	Not a pest/plant	250	9	10	Intermediate, Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
254	Prunus sp.-flowering cherry	Exotic	-36.88973406	174.7195405	D - Central/Ries	Not a pest/plant	350	9	10	Intermediate, Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
255	Quercus coccoloba - sarsnet oak	Exotic	-36.88967614	174.7196213	D - Central/Ries	Not a pest/plant	400	12	9	Co-dominant	Mature	Good	Improbable	Low	Minor	No	Crane Assisted Demanding
256	Prunus sp.-flowering cherry	Exotic	-36.88975225	174.7194919	D - Central/Ries	Not a pest/plant	250/200/200	9	10	Intermediate, Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
257	Eucalyptus sp.	Exotic	-36.88973239	174.7195238	D - Central/Ries	Not a pest/plant	650	12	9	Co-dominant	Mature	Average	Possible	Low	Significant	Yes	Crane Assisted Demanding
258	Prunus sp.-flowering cherry	Exotic	-36.88975263	174.7195583	D - Central/Ries	Not a pest/plant	350/150	10	8	Intermediate, Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
259	Prunus sp.-flowering cherry	Exotic	-36.8897236	174.7194707	D - Central/Ries	Not a pest/plant	200/200/150	9	12	Intermediate, Co-dominant	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Demanding
260	Unknown	Exotic	-36.88969662	174.7194735	D - Central/Ries	Unknown	200	7	9	Suppressed mature/overmature	Over-mature/overmature	Poor	Imminent	Low	Minor	No	Crane Assisted Demanding
261	Olea sp. - olive	Exotic	-36.88974206	174.7193839	D - Central/Ries	Surveillance pest/plant	450/250	7	10	Intermediate	Mature	Poor	Probable	Low	Minor	Yes	Crane Assisted Demanding
262	Metrosideros excelsa - pohutukawa	Native	-36.88966465	174.7194057	D - Central/Ries	Not a pest/plant	500/200/350/600	11	16	Dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
263	Podocarpus totara - totara	Native	-36.88988718	174.7194831	D - Central/Ries	Not a pest/plant		10	18	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Retained
264	Podocarpus totara - totara	Native	-36.88988718	174.7194831	D - Central/Ries	Not a pest/plant		10	18	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Retained
265	Podocarpus totara - totara	Native	-36.88988718	174.7194831	D - Central/Ries	Not a pest/plant		10	18	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Retained
266	Eucalyptus sp.	Exotic	-36.88979922	174.7195686	D - Central/Ries	Not a pest/plant	500	10	5	Suppressed	Mature	Poor	Probable	Low	Severe	Yes	Crane Assisted Demanding
267	Prunus sp.-flowering cherry	Exotic	-36.88977938	174.7196608	D - Central/Ries	Not a pest/plant		9	9	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
268	Prunus sp.-flowering cherry	Exotic	-36.88977938	174.7196608	D - Central/Ries	Not a pest/plant		9	9	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
269	Prunus sp.-flowering cherry	Exotic	-36.88977938	174.7196608	D - Central/Ries	Not a pest/plant		9	9	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
270	Prunus sp.-flowering cherry	Exotic	-36.88977938	174.7196608	D - Central/Ries	Not a pest/plant		9	9	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
271	Olea sp. - olive	Exotic	-36.88993035	174.7196843	D - Central/Ries	Surveillance pest/plant	200	5	6	Suppressed	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
272	Eucalyptus sp.	Exotic	-36.88988128	174.7196444	D - Central/Ries	Not a pest/plant	1200	18	18	Dominant	Mature	Average	Possible	Low	Severe	Yes	Helicopter Assisted Demanding
273	Prunus sp.-flowering cherry	Exotic	-36.88992874	174.7196572	D - Central/Ries	Not a pest/plant	200/200	7	6	Intermediate	Mature	Poor	Possible	Low	Minor	No	Helicopter Assisted Demanding
274	Prunus sp.-flowering cherry	Exotic	-36.88987082	174.7197869	#N/A	Not a pest/plant		10	25	Co-dominant	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding
275	Prunus sp.-flowering cherry	Exotic	-36.88987082	174.7197869	#N/A	Not a pest/plant		10	25	Co-dominant	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding

Item No	Tree Species	Status	Latitude	Longitude	Operating Zone	RPLIS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shaft	Primary Removal Method
276	Prunus sp. - flowering cherry	Exotic	-36.88987082	174.7197869	#NA	Not a pest plant	10	25	25	Co-dominant	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Dismantling
277	Banksia sp.	Exotic	-36.88979359	174.7197765	D - Central/Rees	Unknown	400	9	8	Co-dominant	Mature	Average	Possible	Low	Minor	No	MEWP Assisted Dismantling
278	Banksia sp.	Exotic	-36.8899463	174.7198812	D - Central/Rees	Unknown	450	10	8	Intermediate	Mature	Average	Possible	Medium	Significant	No	MEWP Assisted Dismantling
279	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
280	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
281	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
282	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
283	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
284	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
285	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
286	Podocarpus tataru - tataru	Native	-36.89002876	174.7199012	D - Central/Rees	Not a pest plant	9	24	24	Intermediate	Semi-mature	Average	Improbable	Very Low	Minor	No	Retained
287	Eucalyptus sp.	Exotic	-36.88998693	174.720031	D - Central/Rees	Not a pest plant	500	20	15	Dominant	Mature	Good	Possible	Medium	Severe	No	Crane Assisted Dismantling
288	Fraxinus oxycarpa 'Raywood' - caretash	Exotic	-36.88994617	174.7200286	D - Central/Rees	Unknown	300	9	11	Intermediate	Mature	Average	Possible	Medium	Significant	No	MEWP Assisted Dismantling
289	Banksia sp.	Exotic	-36.89000436	174.7198479	D - Central/Rees	Unknown	12	7	7	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
290	Banksia sp.	Exotic	-36.89000436	174.7198479	D - Central/Rees	Unknown	12	7	7	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
291	Banksia sp.	Exotic	-36.89000436	174.7198479	D - Central/Rees	Unknown	12	7	7	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
292	Banksia sp.	Exotic	-36.89000436	174.7198479	D - Central/Rees	Unknown	12	7	7	Intermediate	Mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
293	Eucalyptus sp.	Exotic	-36.88998532	174.7197779	D - Central/Rees	Not a pest plant	1500	22	24	Dominant	Mature	Average	Possible	Medium	Severe	No	Crane Assisted Dismantling
294	Podocarpus tataru - tataru	Native	-36.89003037	174.7197289	D - Central/Rees	Not a pest plant	200	8	6	Intermediate	Mature	Average	Improbable	Low	Minor	Yes	Helicopter Assisted Dismantling
295	Prunus sp. - flowering cherry	Exotic	-36.89006442	174.7196608	D - Central/Rees	Not a pest plant	200	9	10	Suppressed	Mature	Poor	Possible	Low	Minor	No	Helicopter Assisted Dismantling
296	Eucalyptus sp.	Exotic	-36.89004217	174.7196481	D - Central/Rees	Not a pest plant	250	10	7	Intermediate	Mature	Average	Possible	Very Low	Significant	No	Helicopter Assisted Dismantling
297	Eucalyptus sp.	Exotic	-36.89000811	174.7195975	D - Central/Rees	Not a pest plant	500:800:200:200:200	10	15	Intermediate	Mature	Poor	Possible	Medium	Significant	No	Helicopter Assisted Dismantling
298	Olea sp. - olive	Exotic	-36.88995126	174.7195284	D - Central/Rees	Surveillance pest plant	200:100	7	6	Intermediate	Mature	Poor	Possible	Low	Minor	No	Helicopter Assisted Dismantling
299	Eucalyptus sp.	Exotic - High Risk / Obstructs View shaft	-36.89005852	174.7195633	D - Central/Rees	Not a pest plant	10	15	15	Intermediate	Mature	Poor	Probable	Medium	Significant	No	Helicopter Assisted Dismantling
300	Eucalyptus sp.	Exotic - High Risk / Obstructs View shaft	-36.89005852	174.7195633	D - Central/Rees	Not a pest plant	10	15	15	Intermediate	Mature	Poor	Probable	Medium	Significant	No	Helicopter Assisted Dismantling

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dth_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Level of Impact to a Target	Consequence of Failure	Obstructs View Shaft	Primary Removal Method
301	Podocarpus bora - bora	Native	-36.8901446	174.7196273	D - Central Rises	Not a pest plant	250	7	4	Intermediate	Semi-mature	Poor	Possible	Low	Minor	No	Retained
302	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	\$	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
303	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	\$	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
304	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	\$	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
305	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	\$	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
306	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	5	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
307	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	5	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
308	Banksia sp.	Exotic	-36.8900436	174.7201104	D - Central Rises	Unknown		10	5	Co-dominant	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
309	Prunus sp.-flowering cherry	Exotic	-36.8900628	174.7198667	D - Central Rises	Not a pest plant	200-150	9	8	Co-dominant	Mature	Average	Possible	Low	Minor	No	Crane Assisted Demanding
310	Prunus sp.-flowering cherry	Exotic	-36.89017624	174.7203332	D - Central Rises	Not a pest plant	200-250-200	7	10	Intermediate	Mature	Average	Possible	Low	Minor	No	MEWP Assisted Demanding
311	Podocarpus bora - bora	Native	-36.89021673	174.7203679	D - Central Rises	Not a pest plant	300	9	5	Intermediate	Mature	Average	Improbable	Low	Minor	No	Retained
312	Podocarpus bora - bora	Native	-36.89023175	174.7204192	D - Central Rises	Not a pest plant	300	9	5	Intermediate	Mature	Average	Improbable	Low	Minor	No	Retained
313	Banksia sp.	Exotic	-36.8902658	174.7204461	D - Central Rises	Unknown	300	10	6	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Demanding
314	Podocarpus bora - bora	Native	-36.89032277	174.7204978	D - Central Rises	Not a pest plant	200-200	8	6	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
315	Podocarpus bora - bora	Native	-36.89034082	174.7204826	D - Central Rises	Not a pest plant	250-100	8	6	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
316	Eucalyptus sp.	Exotic	-36.89035134	174.720428	D - Central Rises	Not a pest plant	1200	24	20	Dominant	Mature	Good	Possible	Medium	Severe	Yes	Crane Assisted Demanding
317	Eucalyptus eugenoides - bh leaf string/bark	Exotic	-36.89040873	174.7205507	D - Central Rises	Unknown	200-250-300	11	9	Intermediate	Mature	Poor	Possible	Medium	Significant	No	Crane Assisted Demanding
318	Eucalyptus sp.	Exotic	-36.89047442	174.7205547	D - Central Rises	Unknown	200-250-300	11	9	Intermediate	Mature	Poor	Possible	Medium	Significant	No	Crane Assisted Demanding
319	Podocarpus bora - bora	Native	-36.89036877	174.7205885	D - Central Rises	Not a pest plant	300-150	7	6	Intermediate	Mature	Average	Improbable	Medium	Minor	No	Retained
320	Prunus sp.-flowering cherry	Exotic	-36.8904822	174.7205842	D - Central Rises	Not a pest plant		9	20	Suppressed	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding
321	Prunus sp.-flowering cherry	Exotic	-36.8904822	174.7205842	D - Central Rises	Not a pest plant		9	20	Suppressed	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding
322	Prunus sp.-flowering cherry	Exotic	-36.8904822	174.7205842	D - Central Rises	Not a pest plant		9	20	Suppressed	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding
323	Prunus sp.-flowering cherry	Exotic	-36.8904822	174.7205842	D - Central Rises	Not a pest plant		9	20	Suppressed	Mature	Poor	Possible	Low	Significant	No	Crane Assisted Demanding
324	Podocarpus bora - bora	Native	-36.89050607	174.7205614	D - Central Rises	Not a pest plant	200	9	7	Intermediate	Mature	Average	Improbable	Very Low	Minor	No	Retained
325	Metrosideros excelsa - pohutukawa	Native	-36.89047094	174.7206865	D - Central Rises	Not a pest plant	200-200-200-150	10	8	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequences of Failure	Obstructs View Shafts	Primary Removal Method
326	Podocarpus bora - bora	Native	-36.8904637	174.7207719	D - Central/Ries	Nota post-plant	300/200/200	7	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
327	Podocarpus bora - bora	Native	-36.8904094	174.7207039	D - Central/Ries	Nota post-plant	300	8	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
328	Podocarpus bora - bora	Native	-36.89055406	174.7206928	D - Central/Ries	Nota post-plant	300	8	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
329	Podocarpus bora - bora	Native	-36.89059107	174.7208338	D - Central/Ries	Nota post-plant	300	9	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
330	Podocarpus bora - bora	Native	-36.89059107	174.7208338	D - Central/Ries	Nota post-plant	300	9	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
331	Podocarpus bora - bora	Native	-36.89066374	174.7209587	D - Central/Ries	Nota post-plant	400	10	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
332	Podocarpus bora - bora	Native	-36.89070416	174.7210522	D - Central/Ries	Nota post-plant	500	10	6	Inmediate	Sem-mature	Average	Improbable	Medium	Minor	No	Retained
333	Metrosideros excelsa - pohutukawa	Native	-36.89064255	174.7208336	D - Central/Ries	Nota post-plant	150	5	3	Suppressed	Sem-mature	Average	Improbable	Very Low	Minor	No	Retained
334	Metrosideros excelsa - pohutukawa	Native	-36.8906026	174.7206935	D - Central/Ries	Nota post-plant	200/200/150/100/100	7	6	Suppressed	Sem-mature	Poor	Possible	Medium	Minor	No	Retained
335	Eucalyptus sp.	Exotic	-36.89051786	174.7206985	D - Central/Ries	Nota post-plant	750	22	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding
336	Metrosideros excelsa - pohutukawa	Native	-36.89048783	174.7205336	D - Central/Ries	Nota post-plant	150/150/75	8	5	Suppressed	Sem-mature	Poor	Probable	Medium	Minor	No	Retained
337	Podocarpus bora - bora	Native	-36.8904452	174.7204839	D - Central/Ries	Nota post-plant	250	10	6	Inmediate	Mature	Good	Improbable	Medium	Minor	No	Retained
338	Podocarpus bora - bora	Native	-36.89048113	174.7204565	D - Central/Ries	Nota post-plant	250	10	6	Inmediate	Mature	Good	Improbable	Medium	Minor	No	Retained
339	Prunus sp. flowering cherry	Exotic	-36.89044064	174.7204293	D - Central/Ries	Nota post-plant	350	11	12	Inmediate	Mature	Average	Improbable	Medium	Minor	No	Retained
340	Metrosideros excelsa - pohutukawa	Native	-36.8904334	174.7203703	D - Central/Ries	Nota post-plant	200 X11	19	9	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
341	Metrosideros excelsa - pohutukawa	Native	-36.89046558	174.7203636	D - Central/Ries	Nota post-plant	-	8	4	Suppressed	Young	Poor	Imminent	Medium	Minor	No	Retained
342	Metrosideros excelsa - pohutukawa	Native	-36.890398138	174.7203389	D - Central/Ries	Nota post-plant	250x8	14	9	Co-dominant	Mature	Average	Possible	Medium	Minor	Yes	Retained
343	Metrosideros excelsa - pohutukawa	Native	-36.89041556	174.7202486	D - Central/Ries	Nota post-plant	300x3/250x7	18	18	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
344	Eucalyptus sp.	Exotic	-36.88939276	174.720988	A2 - Northeastern Shoulder	Nota post-plant	700	17	15	Co-dominant	Sem-mature	Poor	Possible	Very Low	Significant	No	Crane Assisted Demanding
345	Eucalyptus sp.	Exotic	-36.88941644	174.7211039	A2 - Northeastern Shoulder	Nota post-plant	400	10	7	Co-dominant	Over-mature/young science	Poor	Probable	Very Low	Minor	No	Crane Assisted Demanding
346	Eucalyptus sp.	Exotic	-36.88945384	174.721061	A2 - Northeastern Shoulder	Nota post-plant	800	16	16	Co-dominant	Sem-mature	Average	Possible	Very Low	Significant	No	Crane Assisted Demanding
347	Eucalyptus sp.	Exotic	-36.88939431	174.7211002	A2 - Northeastern Shoulder	Nota post-plant	400	19	12	Co-dominant	Sem-mature	Average	Possible	Very Low	Significant	No	Crane Assisted Demanding
348	Eucalyptus sp.	Exotic	-36.88939359	174.7211515	A2 - Northeastern Shoulder	Nota post-plant	300	14	6	Co-dominant	Sem-mature	Poor	Possible	Very Low	Minor	No	Crane Assisted Demanding
349	Eucalyptus sp.	Exotic	-36.88943349	174.7212166	A2 - Northeastern Shoulder	Nota post-plant	620	17	15	Co-dominant	Sem-mature	Average	Possible	Medium	Significant	No	Crane Assisted Demanding
350	Eucalyptus sp.	Exotic	-36.88945063	174.7212745	A2 - Northeastern Shoulder	Nota post-plant	700	23	18	Co-dominant	Sem-mature	Average	Possible	Medium	Significant	No	Crane Assisted Demanding

Owairaka - Mt Albert Arboriculture
Operations Plan – September 2018

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_mm	height_approx_m	canopy_percent	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Lifehood or Impact to a Target	Consequence of Failure	Obstructions View Shafts	Primary Removal Method
351	Eucalyptus sp.	Exotic	-36.88951161	174.7212956	A2 - Northeastern Shoulder	Not a pest plant	380	17	14	Co-dominant	Semi-mature	Average	Possible	Medium	Significant	No	Crane Assisted Dismantling
352	Eucalyptus sp.	Exotic	-36.88952737	174.7213186	A2 - Northeastern Shoulder	Not a pest plant	420	19	14	Co-dominant	Semi-mature	Average	Possible	Low	Significant	No	Crane Assisted Dismantling
353	Eucalyptus sp.	Exotic	-36.88945491	174.7212102	A2 - Northeastern Shoulder	Not a pest plant	200	19	14	Co-dominant	Young	Poor	Imminent	Low	Minor	No	Crane Assisted Dismantling
354	Podocarpus tataru - tataru	Native	-36.88972913	174.721049	D - Central Rises	Not a pest plant	300	16.70431894	12.05312292	Intermediate	Mature	Average	Improbable	Low	Minor	No	Retained
355	Podocarpus tataru - tataru	Native	-36.88970658	174.7210641	D - Central Rises	Not a pest plant	300	16.91815162	12.14844458	Intermediate	Mature	Average	Improbable	Low	Minor	No	Retained
356	Banksia sp.	Exotic	-36.88968404	174.7210791	D - Central Rises	Unknown	300	17.13198429	12.23376623	Intermediate	Mature	Poor	Possible	Low	Minor	No	Crane Assisted Dismantling
357	Podocarpus tataru - tataru	Native	-36.88965149	174.7210942	D - Central Rises	Not a pest plant	200-201	17.34581697	12.31908789	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
358	Podocarpus tataru - tataru	Native	-36.88963895	174.7211093	D - Central Rises	Not a pest plant	250-101	17.55964965	12.40440954	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
360	Eucalyptus sp.	Exotic	-36.88956971	174.7207641	A2 - Northeastern Shoulder	Not a pest plant	700	18	10	Co-dominant	Young	Poor	Possible	Low	Significant	No	Crane Assisted Dismantling
361	Eucalyptus sp.	Exotic	-36.88954691	174.7205283	A2 - Northeastern Shoulder	Not a pest plant	1250	20	17	Co-dominant	Young	Average	Possible	Low	Significant	No	Crane Assisted Dismantling
362	Olea sp. - olive	Exotic	-36.88952525	174.7203059	A2 - Northeastern Shoulder	Unknown	2150	15	20	Co-dominant	Mature	Average	Possible	Low	Significant	No	Crane Assisted Dismantling
363	Eucalyptus sp.	Exotic	-36.88927466	174.7202694	A2 - Northeastern Shoulder	Not a pest plant	1200	20	17	Co-dominant	Semi-mature	Average	Possible	Low	Significant	No	Crane Assisted Dismantling
364	Metrosideros excelsa - pohutukawa	Native	-36.88924507	174.7202563	A2 - Northeastern Shoulder	Not a pest plant	750	12	15	Co-dominant	Young	Average	Possible	Low	Significant	No	Retained
365	Vitex lucida - Pūriri	Native	-36.88916963	174.7204961	A2 - Northeastern Shoulder	Not a pest plant	300	8	14	Co-dominant	Young	Good	Improbable	Low	Significant	No	Retained
366	Metrosideros excelsa - pohutukawa	Native	-36.88916134	174.7203481	A2 - Northeastern Shoulder	Not a pest plant	1900	12	25	Co-dominant	Semi-mature	Average	Possible	Medium	Significant	No	Retained
367	Lepidospermum scoparium - manuka	Native	-36.8891092	174.7202151	A2 - Northeastern Shoulder	Not a pest plant	450	7	6	Co-dominant	Semi-mature	Average	Possible	Medium	Minor	No	Retained
368	Lepidospermum scoparium - manuka	Native	-36.88908397	174.7201502	A2 - Northeastern Shoulder	Not a pest plant	850	7	8	Co-dominant	Semi-mature	Average	Possible	Medium	Minor	No	Retained
369	Lepidospermum scoparium - manuka	Native	-36.88911045	174.72014	A2 - Northeastern Shoulder	Not a pest plant	200	8	5	Co-dominant	Semi-mature	Average	Possible	Low	Minor	No	Retained
370	Lepidospermum scoparium - manuka	Native	-36.88910543	174.7201358	A2 - Northeastern Shoulder	Not a pest plant	300	7	8	Co-dominant	Semi-mature	Average	Possible	Low	Minor	No	Retained
371	Erithalis arborea - whānui	Native	-36.88909935	174.7201052	A2 - Northeastern Shoulder	Not a pest plant	200	5	8	Co-dominant	Semi-mature	Average	Possible	Low	Minor	No	Retained
372	Grisebaha litoralis - kapuka	Native	-36.88908933	174.7201022	A2 - Northeastern Shoulder	Not a pest plant	400	4	6	Co-dominant	Semi-mature	Average	Possible	Low	Minor	No	Retained
373	Eucalyptus sp.	Exotic	-36.8890553	174.7200923	A2 - Northeastern Shoulder	Unknown	120	4	5	Co-dominant	Young	Average	Possible	Low	Negligible	No	Crane Assisted Dismantling
374	"Hohoria populnea - lecebaik, ribbonwood"	Native	-36.88906641	174.7200653	A2 - Northeastern Shoulder	Not a pest plant	160	5	5	Co-dominant	Young	Average	Possible	Low	Minor	No	Retained
375	"Hohoria populnea - lecebaik, ribbonwood"	Native	-36.88905032	174.720064	A2 - Northeastern Shoulder	Not a pest plant	100	4	4	Co-dominant	Young	Average	Possible	Low	Minor	No	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_cm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Level of Impact to Treat	Consequences of Failure	Obstructs View Shafts	Primary Removal Method
376	<i>Lepidospermum scoparium</i> - manuka	Native	-36.88905027	174.7200547	A2 - Northeastern Shoulder	Not a pest plant	70	4	3	Co-dominant	Young	Average	Possible	Low	Negligible		Retained
377	" <i>Holeraia populnea</i> - keteaki, ribbonwood"	Native	-36.88907341	174.7200027	A2 - Northeastern Shoulder	Not a pest plant	70	4	4	Co-dominant	Young	Average	Possible	Low	Minor		Retained
378	<i>Erialea arborea</i> - w hau	Native	-36.88905467	174.719994	A2 - Northeastern Shoulder	Not a pest plant	150	4	4	Co-dominant	Semi-mature	Average	Possible	Medium	Negligible		Retained
379	<i>Podocarpus tataru</i> - tataru	Native	-36.88909218	174.7200027	A2 - Northeastern Shoulder	Not a pest plant	450	5	6	Co-dominant	Young	Average	Improbable	Low	Negligible		Retained
380	<i>Pseudopanax</i> sp.	Native	-36.8891022	174.7200439	A2 - Northeastern Shoulder	Not a pest plant	120	5	4	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
381	<i>Podocarpus tataru</i> - tataru	Native	-36.88909562	174.720041	A2 - Northeastern Shoulder	Not a pest plant	450	4	4	Co-dominant	Young	Poor	Improbable	Low	Negligible		Retained
382	<i>Podocarpus tataru</i> - tataru	Native	-36.8891307	174.7200713	A2 - Northeastern Shoulder	Not a pest plant	150	4	4	Co-dominant	Young	Average	Improbable	Low	Negligible		Retained
383	<i>Olea</i> sp. - olive	Exotic	-36.88911703	174.7200955	A2 - Northeastern Shoulder	Unknown	550	7	13	Co-dominant	Semi-mature	Average	Possible	Low	Significant	No	Cone Assisted Demanding
384	<i>Olea</i> sp. - olive	Exotic	-36.88923719	174.7201367	A2 - Northeastern Shoulder	Unknown	1000	10	15	Co-dominant	Semi-mature	Average	Possible	Low	Significant	No	Cone Assisted Demanding
385	<i>Eucalyptus</i> sp.	Exotic	-36.88920869	174.7200443	A2 - Northeastern Shoulder	Unknown	750	16	16	Co-dominant	Young	Poor	Possible	Low	Significant	No	Cone Assisted Demanding
386	<i>Dacrydium cupressinum</i> - rimu	Native	-36.88915496	174.7199494	A2 - Northeastern Shoulder	Not a pest plant	100	6	5	Co-dominant	Young	Good	Improbable	Very Low	Negligible		Retained
387	" <i>Melicope ramiflora</i> - mahoe, whisywood"	Native	-36.88914985	174.7200067	A2 - Northeastern Shoulder	Not a pest plant	350	6	8	Co-dominant	Young	Average	Improbable	Low	Negligible		Retained
388	<i>Myoporum laetum</i> - ngaho	Native	-36.88910216	174.7199906	A2 - Northeastern Shoulder	Not a pest plant	150	6	5	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
389	<i>Myoporum laetum</i> - ngaho	Native	-36.88916163	174.7192292	A2 - Northeastern Shoulder	Not a pest plant	150	6	5	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
390	" <i>Melicope ramiflora</i> - mahoe, whisywood"	Native	-36.88913506	174.7200176	A2 - Northeastern Shoulder	Not a pest plant	200	6	8	Co-dominant	Young	Good	Improbable	Very Low	Negligible		Retained
391	<i>Myoporum laetum</i> - ngaho	Native	-36.88910174	174.7199483	A2 - Northeastern Shoulder	Not a pest plant	200	6	7	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
392	<i>Myoporum laetum</i> - ngaho	Native	-36.88910811	174.7199519	A2 - Northeastern Shoulder	Not a pest plant	150	6	6	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
393	<i>Vitex lucida</i> - Puffi	Native	-36.88911259	174.7199288	A2 - Northeastern Shoulder	Not a pest plant	70	7	6	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
394	<i>Lepidospermum scoparium</i> - manuka	Native	-36.88910119	174.7199045	A2 - Northeastern Shoulder	Not a pest plant	300	8	7	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained
395	<i>Metrosideros excelsa</i> - pohutukawa	Native	-36.88910132	174.7199487	A2 - Northeastern Shoulder	Not a pest plant	120	5	5	Co-dominant	Semi-mature	Average	Improbable	Very Low	Negligible		Retained
396	" <i>Melicope ramiflora</i> - mahoe, whisywood"	Native	-36.88905631	174.7200013	A2 - Northeastern Shoulder	Not a pest plant	100	6	5	Co-dominant	Young	Average	Improbable	Very Low	Negligible		Retained
397	<i>Lepidospermum scoparium</i> - manuka	Native	-36.88906708	174.7199793	A2 - Northeastern Shoulder	Not a pest plant	400	8	7	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained
398	<i>Lepidospermum scoparium</i> - manuka	Native	-36.88903883	174.7199835	A2 - Northeastern Shoulder	Not a pest plant	500	8	6	Co-dominant	Young	Average	Possible	Medium	Minor		Retained
399	" <i>Kiuhia excelsa</i> - rewiarewia, native honysuckle"	Native	-36.88901163	174.7199709	A2 - Northeastern Shoulder	Not a pest plant	70	6	3	Co-dominant	Young	Average	Possible	Medium	Minor		Retained
400	<i>Lepidospermum scoparium</i> - manuka	Native	-36.88903514	174.7199667	A2 - Northeastern Shoulder	Not a pest plant	650	8	8	Co-dominant	Young	Average	Possible	Medium	Minor		Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPHS Status	dbh_cm	height_m	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Livehood or Impact to a Target	Consequence of Failure	Obstructs View Shots	Primary Removal Method
401	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8903322	174.719348	A2 - Northeastern Shoulder	Not a pest plant	300	5	7	7	Co-dominant	Young	Average	Possible	Low	Minor		Retained
402	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8902311	174.719488	A2 - Northeastern Shoulder	Not a pest plant	200	8	5	5	Co-dominant	Young	Poor	Possible	Low	Minor		Retained
403	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8902115	174.719395	A2 - Northeastern Shoulder	Not a pest plant	200	8	5	5	Co-dominant	Young	Poor	Possible	Very Low	Minor		Retained
404	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8903623	174.719566	A2 - Northeastern Shoulder	Not a pest plant	330	8	5	5	Co-dominant	Young	Poor	Possible	Very Low	Minor		Retained
405	<i>Vibex lucens</i> - Puri	Native	-36.8904122	174.719539	A2 - Northeastern Shoulder	Not a pest plant	120	8	7	7	Co-dominant	Young	Average	Possible	Very Low	Minor		Retained
406	<i>Olearia</i> sp.	Native	-36.8904189	174.719504	A2 - Northeastern Shoulder	Not a pest plant	300	6	6	6	Co-dominant	Young	Average	Possible	Very Low	Minor		Retained
407	<i>Vibex lucens</i> - Puri	Native	-36.8904613	174.7198785	A2 - Northeastern Shoulder	Not a pest plant	40	5	4	4	Co-dominant	Young	Average	Possible	Very Low	Minor		Retained
408	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8910371	174.7195198	A2 - Northeastern Shoulder	Not a pest plant	300	8	7	7	Co-dominant	Young	Average	Possible	Very Low	Minor		Retained
409	<i>Olea</i> sp. - olive	Exotic	-36.8915006	174.719316	A2 - Northeastern Shoulder	Unknown	450	7	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
410	<i>Olea</i> sp. - olive	Exotic	-36.8917705	174.7199316	A2 - Northeastern Shoulder	Unknown	700	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor	No	Crane Assisted Dismantling
411	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
412	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
413	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
414	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
415	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
416	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
417	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
418	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
419	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
420	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
421	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
422	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
423	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
424	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained
425	<i>Lepidospermum scoparium</i> - manuka	Native	-36.8904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	10	7	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor		Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM3 Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Levelness of Impact to a Target	Consequences of Failure	Obstructs View Shots	Primary Removal Method
426	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
427	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
428	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
429	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
430	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
431	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
432	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
433	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
434	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
435	Lepidospermum scoparium - manuka	Naive	-36.88904382	174.7197402	A2 - Northeastern Shoulder	Not a pest plant	10	7	Co-dominant	Semi-mature	Average	Possible	Low	Minor	Retained		
436	Metrosideros excelsa - pohukawawa	Naive	-36.88899889	174.7198037	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Young	Average	Possible	Medium	Minor	Retained		
437	Enthea arborensens - whau	Naive	-36.88897266	174.7198364	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Mature	Average	Possible	Medium	Minor	Retained		
438	Schefflera sp.	Naive	-36.88896323	174.7198126	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Mature	Average	Possible	Medium	Minor	Retained		
439	Enthea arborensens - whau	Naive	-36.88895086	174.7197953	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Mature	Average	Possible	Medium	Minor	Retained		
440	"Melicytus ramiflorus - manuka, whabywood"	Naive	-36.88897391	174.7198272	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Mature	Average	Possible	Medium	Minor	Retained		
441	"Melicytus ramiflorus - manuka, whabywood"	Naive	-36.88901469	174.7197499	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Mature	Average	Possible	Very Low	Minor	Retained		
442	Myoporum laetum - ngalo	Naive	-36.888901	174.7197537	A2 - Northeastern Shoulder	Not a pest plant	300	10	Co-dominant	Mature	Average	Possible	Low	Significant	Retained		
443	Myoporum laetum - ngalo	Naive	-36.88896683	174.7197098	A2 - Northeastern Shoulder	Not a pest plant	900	12	Co-dominant	Mature	Average	Possible	Medium	Significant	Retained		
444	Podocarpus laevis - taraia	Naive	-36.88895137	174.7196822	A2 - Northeastern Shoulder	Not a pest plant	100	4	Co-dominant	Mature	Average	Possible	Very Low	Negligible	Retained		
445	"Melicytus ramiflorus - manuka, whabywood"	Naive	-36.88896683	174.7196988	A2 - Northeastern Shoulder	Not a pest plant	220	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible	Retained		
446	"Panicum polyneugenioides - lemonwood, taraia"	Naive	-36.88898854	174.7197006	A2 - Northeastern Shoulder	Not a pest plant	100	7	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible	Retained		
447	Vibax lucens - Pouri	Naive	-36.88899608	174.7196854	A2 - Northeastern Shoulder	Not a pest plant	250	6	Co-dominant	Young	Average	Possible	Very Low	Negligible	Retained		
448	Podocarpus laevis - taraia	Naive	-36.88901327	174.7196553	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Young	Average	Possible	Very Low	Negligible	Retained		
449	"Melicytus ramiflorus - manuka, whabywood"	Naive	-36.88897408	174.719631	A2 - Northeastern Shoulder	Not a pest plant	200	6	Co-dominant	Young	Average	Possible	Very Low	Negligible	Retained		
450	"Melicytus ramiflorus - manuka, whabywood"	Naive	-36.88896805	174.7196173	A2 - Northeastern Shoulder	Not a pest plant	100	6	Co-dominant	Young	Average	Possible	Very Low	Negligible	Retained		

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPHS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shifts	Primary Removal Method
451	"Melicytus ramiflorus - mahoe, whaiywood"	Native	-36.889784	174.7195976	A2 - Northeastern Shoulder	Native pest/plant	250	6	8	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained
452	Podocarpus tara - tara	Native	-36.8890258	174.7195564	A2 - Northeastern Shoulder	Native pest/plant	200	6	5	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained
453	"Ptilocarpus eugenioides - kemonwood, tara"	Native	-36.88901444	174.7195384	A2 - Northeastern Shoulder	Native pest/plant	60	6	5	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained
454	Myoporum laetum - ngalo	Native	-36.88901444	174.7195384	A2 - Northeastern Shoulder	Native pest/plant	300	9	7	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
455	"Melicytus ramiflorus - mahoe, whaiywood"	Native	-36.88902718	174.7195217	A2 - Northeastern Shoulder	Native pest/plant	350	7	9	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
456	Podocarpus tara - tara	Native	-36.88905241	174.71951	A2 - Northeastern Shoulder	Native pest/plant	250	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
457	Metrosideros excoeca - poutukawa	Native	-36.88909802	174.7195832	A2 - Northeastern Shoulder	Native pest/plant	180	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
458	Eucalyptus sp.	Exotic	-36.88908472	174.7195322	A2 - Northeastern Shoulder	Native pest/plant	390	16	8	Co-dominant	Semi-mature	Poor	Probable	Very Low	Significant		Retained
459	Myoporum laetum - ngalo	Native	-36.88908602	174.7195458	A2 - Northeastern Shoulder	Native pest/plant	6	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
460	Myoporum laetum - ngalo	Native	-36.88908602	174.7195458	A2 - Northeastern Shoulder	Native pest/plant	6	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
461	Myoporum laetum - ngalo	Native	-36.88908602	174.7195458	A2 - Northeastern Shoulder	Native pest/plant	6	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
462	Myoporum laetum - ngalo	Native	-36.88908602	174.7195458	A2 - Northeastern Shoulder	Native pest/plant	6	6	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
463	Vibex lucens - Puri	Native	-36.88909805	174.7195002	A2 - Northeastern Shoulder	Native pest/plant	100	6	5	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
464	Vibex lucens - Puri	Native	-36.88909952	174.7194846	A2 - Northeastern Shoulder	Native pest/plant	6	5	5	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
465	Vibex lucens - Puri	Native	-36.88909952	174.7194846	A2 - Northeastern Shoulder	Native pest/plant	6	5	5	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
466	Vibex lucens - Puri	Native	-36.88909952	174.7194846	A2 - Northeastern Shoulder	Native pest/plant	6	5	5	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
467	"Ptilocarpus eugenioides - kemonwood, tara"	Native	-36.88907781	174.7194551	A2 - Northeastern Shoulder	Native pest/plant	180	7	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
468	Dryoxylum peccabile - koihake	Native	-36.88901993	174.7197697	A2 - Northeastern Shoulder	Native pest/plant	100	5	4	Co-dominant	Mature	Good	Improbable	Very Low	Minor		Retained
469	Dryoxylum peccabile - koihake	Native	-36.88901993	174.7197697	A2 - Northeastern Shoulder	Native pest/plant	100	5	4	Co-dominant	Mature	Good	Improbable	Very Low	Minor		Retained
470	Dryoxylum peccabile - koihake	Native	-36.88901993	174.7197697	A2 - Northeastern Shoulder	Native pest/plant	100	5	4	Co-dominant	Mature	Good	Improbable	Very Low	Minor		Retained
471	Corynocarpus bevigatus - Karaka	Native	-36.88915236	174.7194106	A2 - Northeastern Shoulder	Native pest/plant	100	5	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
472	Corynocarpus bevigatus - Karaka	Native	-36.88915848	174.7194085	A2 - Northeastern Shoulder	Native pest/plant	50	5	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
473	Dryoxylum peccabile - koihake	Native	-36.88913954	174.7194167	A2 - Northeastern Shoulder	Native pest/plant	50	5	4	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
474	Dryoxylum peccabile - koihake	Native	-36.88913954	174.7194167	A2 - Northeastern Shoulder	Native pest/plant	50	5	4	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
475	Dryoxylum peccabile - koihake	Native	-36.88913954	174.7194167	A2 - Northeastern Shoulder	Native pest/plant	50	5	4	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequences of Failure	Observed View Status	Primary Removal Method
476	Metrosideros excelsa - pohutukawa	Native	-36.88976645	174.7193753	A2 - Northeastern Shoulder	Not a pest plant	350	8	7	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
477	Podocarpus bora - bora	Native	-36.88972714	174.7193592	A2 - Northeastern Shoulder	Not a pest plant	1200	10	16	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible	Observed	Retained
478	Eucalyptus sp.	Exotic	-36.88938928	174.7191203	A2 - Northeastern Shoulder	Not a pest plant	800	14	15	Co-dominant	Young	Poor	Possible	Medium	Severe	Observed	Crone Assisted Demanding
479	Eucalyptus sp.	Exotic	-36.88933471	174.7191513	A2 - Northeastern Shoulder	Not a pest plant	450	8	8	Co-dominant	Young	Average	Possible	Medium	Significant	Observed	Crone Assisted Demanding
480	Podocarpus bora - bora	Native	-36.88920144	174.7193523	A2 - Northeastern Shoulder	Not a pest plant	1900	5	5	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
481	Podocarpus bora - bora	Native	-36.88920144	174.7193523	A2 - Northeastern Shoulder	Not a pest plant	1900	5	5	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
482	Podocarpus bora - bora	Native	-36.88920144	174.7193523	A2 - Northeastern Shoulder	Not a pest plant	1900	5	5	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
483	Metrosideros excelsa - pohutukawa	Native	-36.88943789	174.7192485	A2 - Northeastern Shoulder	Not a pest plant	1900	15	25	Co-dominant	Young	Average	Possible	Medium	Severe	Observed	Retained
484	Jacaranda sp.	Exotic	-36.88932847	174.7193373	A2 - Northeastern Shoulder	Unknown	210	7	7	Co-dominant	Semi-mature	Poor	Possible	Very Low	Significant	Observed	Retained
485	Prunus sp./Flowering cherry	Exotic	-36.88933119	174.7193557	A2 - Northeastern Shoulder	Unknown	420	15	12	Co-dominant	Mature	Average	Possible	Very Low	Severe	Observed	Retained
486	Viburnum lucidum - Puriri	Native	-36.88937105	174.7193702	A2 - Northeastern Shoulder	Unknown	1100	16	16	Co-dominant	Mature	Average	Possible	Very Low	Severe	Observed	Retained
487	Metrosideros excelsa - pohutukawa	Native	-36.88930316	174.7193935	A2 - Northeastern Shoulder	Unknown	380	10	10	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
488	Erythrina sp. - coniform tree	Exotic	-36.88938479	174.7194332	A2 - Northeastern Shoulder	Unknown	1950	15	20	Co-dominant	Mature	Average	Possible	Medium	Severe	Observed	Crone Assisted Demanding
489	Metrosideros excelsa - pohutukawa	Native	-36.8892602	174.719457	A2 - Northeastern Shoulder	Not a pest plant	850	12	2018	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
490	Metrosideros excelsa - pohutukawa	Native	-36.88954297	174.7193374	A2 - Northeastern Shoulder	Not a pest plant	1380	8	7	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
491	Metrosideros excelsa - pohutukawa	Native	-36.88924297	174.7195374	A2 - Northeastern Shoulder	Not a pest plant	1380	8	7	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
492	Metrosideros excelsa - pohutukawa	Native	-36.88924297	174.7193374	A2 - Northeastern Shoulder	Not a pest plant	1380	8	7	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
493	Eucalyptus sp.	Exotic	-36.88914285	174.7196207	A2 - Northeastern Shoulder	Not a pest plant	600	22	20	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Observed	Crone Assisted Demanding
494	Eucalyptus sp.	Exotic	-36.88913275	174.7195369	A2 - Northeastern Shoulder	Not a pest plant	950	13	12	Co-dominant	Semi-mature	Poor	Possible	Very Low	Severe	Observed	Crone Assisted Demanding
495	Eucalyptus sp.	Exotic	-36.88919017	174.7196436	A2 - Northeastern Shoulder	Not a pest plant	600	18	20	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Observed	Crone Assisted Demanding
496	Myoporum laetum - ngako	Native	-36.8891742	174.7196883	A2 - Northeastern Shoulder	Not a pest plant	200	7	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Observed	Retained
497	Podocarpus bora - bora	Native	-36.88918618	174.7197297	A2 - Northeastern Shoulder	Not a pest plant	300	5	5	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
498	Podocarpus bora - bora	Native	-36.88918618	174.7197297	A2 - Northeastern Shoulder	Not a pest plant	300	5	5	Co-dominant	Young	Average	Possible	Very Low	Negligible	Observed	Retained
499	Metrosideros excelsa - pohutukawa	Native	-36.88924888	174.7197238	A2 - Northeastern Shoulder	Not a pest plant	480	18	20	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained
500	Unknown	Exotic	-36.8892773	174.7195766	A2 - Northeastern Shoulder	Unknown	450	7	10	Co-dominant	Mature	Average	Possible	Very Low	Significant	Observed	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPH'S Status	dsh_m	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Lifehood of Failure	Liability of Impact to a Target	Consequences of Failure	Obstructs View Shuts	Primary Removal Method
501	Olea sp. - olive	Exotic	-36.88930454	174.7196608	A2 - Northeastern Shoulder	Unknown	600	7	15	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor		Retained
502	Eucalyptus sp.	Exotic	-36.88934783	174.7196661	A2 - Northeastern Shoulder	Unknown	600	17	15	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
503	Eucalyptus sp.	Exotic	-36.88933396	174.7196569	A2 - Northeastern Shoulder	Unknown	600	23	25	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
504	Eucalyptus sp.	Exotic	-36.88936103	174.7197293	A2 - Northeastern Shoulder	Unknown	480	13	12	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
505	Metrosideros excelsa - pohutukawa	Native	-36.88954242	174.7192801	A2 - Northeastern Shoulder	Not a pest plant	1350	17	18	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
506	Vitex lucens - Puriri	Native	-36.88956609	174.7190909	A2 - Northeastern Shoulder	Not a pest plant	1800	12	20	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
507	Vitex lucens - Puriri	Native	-36.88957242	174.7190873	A2 - Northeastern Shoulder	Not a pest plant	1800	14	25	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
508	Vitex lucens - Puriri	Native	-36.88957255	174.7190381	A2 - Northeastern Shoulder	Not a pest plant	1400	14	15	Co-dominant	Semi-mature	Average	Possible	Medium	Significant		Retained
509	Vitex lucens - Puriri	Native	-36.88957263	174.719006	A2 - Northeastern Shoulder	Not a pest plant	900	14	18	Co-dominant	Semi-mature	Average	Possible	Medium	Significant		Retained
510	Vitex lucens - Puriri	Native	-36.88957267	174.7190049	A2 - Northeastern Shoulder	Not a pest plant	1700	14	18	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
511	Vitex lucens - Puriri	Native	-36.88957293	174.7189567	A2 - Northeastern Shoulder	Not a pest plant	1900	14	18	Co-dominant	Semi-mature	Average	Possible	High	Significant		Retained
512	Vitex lucens - Puriri	Native	-36.88962535	174.718916	A2 - Northeastern Shoulder	Not a pest plant	1800	15	20	Co-dominant	Semi-mature	Average	Possible	Medium	Significant		Retained
513	Prunus sp. - flowering cherry	Exotic	-36.88962749	174.718948	A2 - Northeastern Shoulder	Unknown	350	13	10	Co-dominant	Semi-mature	Poor	Probable	Low	Significant		Manual Disbanding
514	Prunus sp. - flowering cherry	Exotic	-36.88970821	174.7190159	A2 - Northeastern Shoulder	Unknown	700	13	10	Co-dominant	Semi-mature	Average	Possible	Low	Significant		Manual Disbanding
515	Palm-olive	Exotic	-36.88966668	174.7190483	A2 - Northeastern Shoulder	Unknown	180	8	3	Co-dominant	Semi-mature	Good	Improbable	Very Low	Significant		Manual Disbanding
516	Eucalyptus sp.	Exotic	-36.89037595	174.7184782	B - Western shoulder	Unknown	1200	18	22	Co-dominant	Semi-mature	Good	Possible	Low	Severe		Machine Assisted Manual Felling
517	Eucalyptus sp.	Exotic	-36.89055499	174.7185756	B - Western shoulder	Unknown	800	18	22	Co-dominant	Semi-mature	Good	Possible	Low	Severe		Machine Assisted Manual Felling
518	Banksia sp.	Exotic	-36.89051078	174.718542	B - Western shoulder	Unknown	1000	18	20	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Machine Assisted Manual Felling
519	Eucalyptus sp. *	Exotic	-36.89064445	174.718416	B - Western shoulder	Unknown	800	18	20	Co-dominant	Semi-mature	Average	Possible	Medium	Severe		Machine Assisted Manual Felling
520	Banksia sp.	Exotic	-36.89062536	174.7185409	B - Western shoulder	Unknown	300	13	9	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Machine Assisted Manual Felling
521	Banksia sp.	Exotic	-36.89063563	174.7185363	B - Western shoulder	Unknown	800	17	15	Co-dominant	Semi-mature	Poor	Probable	Low	Severe		Machine Assisted Manual Felling
522	Vitex lucens - Puriri	Native	-36.89056601	174.7185368	B - Western shoulder	Unknown	500	13	14	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
523	Banksia sp.	Exotic	-36.89054753	174.7184932	B - Western shoulder	Unknown	600	15	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
524	Vitex lucens - Puriri	Native	-36.89049196	174.7184862	B - Western shoulder	Unknown	700	12	11	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
525	Podocarpus totara - totara	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPLS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
526	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
527	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
528	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
529	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
530	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
531	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
532	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
533	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
534	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
535	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
536	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
537	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
538	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
539	Podocarpus bora - bora	Native	-36.89036594	174.7184274	B - Western shoulder	Unknown	12			Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
540	Eucalyptus sp.	Exotic	-36.89033228	174.7182922	B - Western shoulder	Unknown	1000	16	16	Co-dominant	Semi-mature	Poor	Possible	Low	Severe		Manual Chomming
541	Vitex lucens - Puriri	Native	-36.89050001	174.7182456	B - Western shoulder	Unknown	450	14	11	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
542	Banksia sp.	Exotic	-36.89051954	174.7183528	B - Western shoulder	Unknown	500	8	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
543	Vitex lucens - Puriri	Native	-36.89048479	174.7182289	B - Western shoulder	Not a pest plant	200	8	6	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
544	Vitex lucens - Puriri	Native	-36.89047809	174.7182213	B - Western shoulder	Not a pest plant	200	10	8	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
545	Banksia sp.	Exotic	-36.89048127	174.7182353	B - Western shoulder	Unknown	600	9	11	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
546	Vitex lucens - Puriri	Native	-36.89049012	174.7180894	B - Western shoulder	Not a pest plant	200	7	7	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
547	Vitex lucens - Puriri	Native	-36.89056579	174.7181078	B - Western shoulder	Not a pest plant	200	7	7	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
548	Vitex lucens - Puriri	Native	-36.89063202	174.7180943	B - Western shoulder	Not a pest plant	200	7	5	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
549	Vitex lucens - Puriri	Native	-36.89060671	174.7181041	B - Western shoulder	Not a pest plant	180	7	7	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
550	Vitex lucens - Puriri	Native	-36.8907106	174.7181134	B - Western shoulder	Not a pest plant	200	7	7	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	60% S Status	dih_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impairment to a Target	Consequence of Failure	Observed Visual Effects	Primary Removal Method
551	Eucalyptus sp.	Exotic	-36.89072703	174.7181121	B - Western shoulder	Unknown	400	16	16	Co-dominant	Semi-mature	Poor	Possible	Very Low	Severe	Manual Debranching	Retained
552	Viburnum lucens - Puiriri	Native	-36.89065878	174.7182146	B - Western shoulder	Not a pest plant	180	7	6	Co-dominant	Young	Average	Possible	Very Low	Severe	Retained	Retained
553	Banksia sp.	Exotic	-36.89073638	174.7183216	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Severe	Retained	Retained
554	Banksia sp.	Exotic	-36.89073638	174.7183216	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Severe	Retained	Retained
555	Banksia sp.	Exotic	-36.89073638	174.7183216	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Severe	Retained	Retained
556	Banksia sp.	Exotic	-36.89073638	174.7183216	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Severe	Retained	Retained
557	Banksia sp.	Exotic	-36.89073638	174.7183216	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Severe	Retained	Retained
558	Viburnum lucens - Puiriri	Native	-36.89065708	174.7184171	B - Western shoulder	Not a pest plant		13		Co-dominant	Young	Average	Possible	Very Low	Severe	Retained	Retained
559	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
560	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
561	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
562	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
563	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
564	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
565	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
566	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
567	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
568	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
569	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
570	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
571	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
572	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
573	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
574	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained
575	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant	Retained	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPM Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood or Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
576	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
577	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
578	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
579	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
580	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
581	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
582	Eucalyptus sp.	Exotic	-36.89080762	174.7183903	B - Western shoulder	Unknown		15		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
583	Vibax lucens - Putri	Native	-36.89079044	174.7183323	B - Western shoulder	Not a pest plant	180	10	9	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained
584	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
585	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
586	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
587	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
588	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
589	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
590	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
591	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
592	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
593	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
594	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
595	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
596	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
597	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
598	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
599	Metrosideros excelsa - pohutukawa	Native	-36.89037755	174.7182454	B - Western shoulder	Unknown		12		Co-dominant	Semi-mature	Average	Possible	Low	Significant		Retained
600	Vibax lucens - Putri	Native	-36.89082833	174.7185189	B - Western shoulder	Not a pest plant		13	8	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained

Owairaka - Mt Albert Arboriculture
Operations Plan – September 2018

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPIIS Status	dth_m	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shuts	Primary Removal Method
601	Vibx lucens - Puriri	Native	-36.89002833	174.7185189	B - Western shoulder	Not a pest plant	13	8	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained	
602	Vibx lucens - Puriri	Native	-36.89002833	174.7185189	B - Western shoulder	Not a pest plant	13	8	Co-dominant	Young	Average	Possible	Very Low	Severe		Retained	
603	Podocarpus bora - bora	Native	-36.89002644	174.7184551	B - Western shoulder	Not a pest plant	6	6	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained	
604	Podocarpus bora - bora	Native	-36.89002644	174.7184551	B - Western shoulder	Not a pest plant	6	6	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained	
605	Podocarpus bora - bora	Native	-36.89002644	174.7184551	B - Western shoulder	Not a pest plant	6	6	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained	
606	Podocarpus bora - bora	Native	-36.89002644	174.7184551	B - Western shoulder	Not a pest plant	6	6	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained	
607	Unknown	Exotic	-36.89002295	174.7182492	B - Western shoulder	Not a pest plant	850	6	Co-dominant	Mature	Average	Possible	Very Low	Negligible		Retained	
608	Unknown	Exotic	-36.89002295	174.7182492	B - Western shoulder	Not a pest plant	850	6	Co-dominant	Mature	Average	Possible	Very Low	Negligible		Retained	
609	Ligustrum lucidum - tree privet	Exotic	-36.89002537	174.7182574	B - Western shoulder	Not a pest plant	100	5	Co-dominant	Young	Average	Possible	Very Low	Negligible		Retained	
610	Eucalyptus sp.	Exotic	-36.89002002	174.7215987	A1 - Southeastern shoulder	Not a pest plant	390	16	Co-dominant	Young	Poor	Possible	Low	Severe	Yes	Crane Assisted Demanding	
611	Metrosideros excelsa - pohutukawa	Native	-36.89004042	174.7216195	A1 - Southeastern shoulder	Not a pest plant	1900	14	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained	
612	Podocarpus bora - bora	Native	-36.89012433	174.7216772	A1 - Southeastern shoulder	Not a pest plant	400	6	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor		Retained	
613	Eucalyptus sp.	Exotic	-36.89015253	174.7217005	A1 - Southeastern shoulder	Not a pest plant	1200	18	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Manual Demanding	
614	Eucalyptus sp.	Exotic	-36.89012479	174.7217235	A1 - Southeastern shoulder	Not a pest plant	280	7	Co-dominant	Young	Poor	Possible	Low	Severe	No	Manual Demanding	
615	Eucalyptus sp.	Exotic	-36.89018514	174.7216336	A1 - Southeastern shoulder	Not a pest plant	1000	20	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Manual Demanding	
616	Eucalyptus sp.	Exotic	-36.89032226	174.7216228	A1 - Southeastern shoulder	Not a pest plant	700	19	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Manual Demanding	
617	Eucalyptus sp.	Exotic	-36.89049507	174.7216882	A1 - Southeastern shoulder	Not a pest plant	980	22	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Manual Demanding	
618	Eucalyptus sp.	Exotic	-36.89032188	174.7216779	A1 - Southeastern shoulder	Not a pest plant	330	12	Co-dominant	Semi-mature	Average	Possible	Medium	Significant	Yes	Manual Demanding	
619	Eucalyptus sp.	Exotic	-36.89048618	174.7217614	A1 - Southeastern shoulder	Not a pest plant	420	10	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant	Yes	Manual Demanding	
620	Eucalyptus sp.	Exotic	-36.89056119	174.7218139	A1 - Southeastern shoulder	Not a pest plant	1480	25	Co-dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane Assisted Demanding	
621	Podocarpus bora - bora	Native	-36.89032507	174.7217927	A1 - Southeastern shoulder	Not a pest plant	250	4	Co-dominant	Young	Average	Improbable	Very Low	Minor		Retained	
622	Podocarpus bora - bora	Native	-36.89032552	174.7217927	A1 - Southeastern shoulder	Not a pest plant	350	5	Co-dominant	Young	Average	Improbable	Very Low	Minor		Retained	
623	Vibx lucens - Puriri	Native	-36.89033866	174.7217695	A1 - Southeastern shoulder	Not a pest plant	1800	8	Co-dominant	Semi-mature	Average	Improbable	Very Low	Minor		Retained	
624	Podocarpus bora - bora	Native	-36.89104815	174.7216557	A1 - Southeastern shoulder	Not a pest plant	400	6	Co-dominant	Young	Average	Improbable	Very Low	Minor		Retained	
625	Vibx lucens - Puriri	Native	-36.89104669	174.7216888	A1 - Southeastern shoulder	Not a pest plant	1700	10	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained	

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPMIS Status	dbh_cm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Liability or Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
626	Metrosideros excelsa - pohutukawa	Native	-36.89715853	174.7217386	A1 - Southeastern shoulder	Not a pest plant	1550	12	22	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained
627	Metrosideros excelsa - pohutukawa	Native	-36.89722433	174.7214914	A1 - Southeastern shoulder	Not a pest plant	2100	13	16	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained
628	Viburnum lucidum - Puriri	Native	-36.89734591	174.7215437	A1 - Southeastern shoulder	Not a pest plant	790	10	16	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained
629	Podocarpus totara - totara	Native	-36.89737495	174.7215446	A1 - Southeastern shoulder	Not a pest plant	200	6	4	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained
630	Viburnum lucidum - Puriri	Native	-36.89743301	174.7217087	A1 - Southeastern shoulder	Not a pest plant	1200	13	16	Co-dominant	Semi-mature	Average	Improbable	Low	Severe		Retained
631	Podocarpus totara - totara	Native	-36.89740553	174.7216152	A1 - Southeastern shoulder	Not a pest plant	200	6	4	Co-dominant	Semi-mature	Average	Improbable	Very Low	Significant		Retained
632	Metrosideros excelsa - pohutukawa	Native	-36.89748325	174.7214488	A1 - Southeastern shoulder	Not a pest plant	1500	8	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant		Retained
633	Viburnum lucidum - Puriri	Native	-36.89749117	174.7212357	A1 - Southeastern shoulder	Not a pest plant	1400	12	15	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
634	Craegus leucigloba - English Hawthorn	Exotic	-36.89738107	174.7213125	A1 - Southeastern shoulder	Unknown	1200	6	11	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor		Retained
635	Viburnum lucidum - Puriri	Native	-36.8974405	174.7210577	A1 - Southeastern shoulder	Not a pest plant	1400	12	15	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
636	Metrosideros excelsa - pohutukawa	Native	-36.89767532	174.7209728	A1 - Southeastern shoulder	Not a pest plant	1300	12	18	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
637	Metrosideros excelsa - pohutukawa	Native	-36.89760151	174.7208078	A1 - Southeastern shoulder	Not a pest plant	1780	15	18	Co-dominant	Semi-mature	Poor	Possible	Very Low	Severe		Retained
638	Metrosideros excelsa - pohutukawa	Native	-36.89762708	174.7208107	A1 - Southeastern shoulder	Not a pest plant	400	8	10	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
639	Metrosideros excelsa - pohutukawa	Native	-36.89765466	174.7205826	A1 - Southeastern shoulder	Not a pest plant	900	8	10	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
640	Metrosideros excelsa - pohutukawa	Native	-36.89762896	174.7205606	A1 - Southeastern shoulder	Not a pest plant	950	15	14	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
641	Metrosideros excelsa - pohutukawa	Native	-36.89761685	174.7205428	A1 - Southeastern shoulder	Not a pest plant	1200	13	14	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
642	Lagunaria patens ssp. Norfolk Island hibiscus	Exotic	-36.89765248	174.7204679	A1 - Southeastern shoulder	Not a pest plant	800	12	13	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained
643	Viburnum lucidum - Puriri	Native	-36.89774958	174.7205335	A1 - Southeastern shoulder	Not a pest plant	2400	12	17	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demolition
644	Podocarpus totara - totara	Native	-36.89783386	174.7204308	A1 - Southeastern shoulder	Not a pest plant	150	4	3	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Retained
645	Ilex sp. - holly	Exotic	-36.89796022	174.7204054	A1 - Southeastern shoulder	Unknown	350	5	4	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible		Manual Demolition
646	Metrosideros excelsa - pohutukawa	Native	-36.89203335	174.7204995	A1 - Southeastern shoulder	Not a pest plant	700	8	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant		Retained
647	Metrosideros excelsa - pohutukawa	Native	-36.89201633	174.7206372	A1 - Southeastern shoulder	Not a pest plant	1400	13	17	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant		Retained
648	Metrosideros excelsa - pohutukawa	Native	-36.89213905	174.7203783	A1 - Southeastern shoulder	Not a pest plant	2200	17	22	Co-dominant	Semi-mature	Average	Possible	Low	Severe		Retained
649	Eucalyptus sp.	Exotic	-36.89219038	174.7208403	A1 - Southeastern shoulder	Not a pest plant	2300	23	27	Co-dominant	Semi-mature	Average	Possible	Medium	Severe	Yes	Helicopter Assisted Demolition
650	Viburnum lucidum - Puriri	Native	-36.89227923	174.7205867	A1 - Southeastern shoulder	Not a pest plant	2000	12	16	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe		Retained

Owairaka - Mt Albert Arboriculture
Operations Plan - September 2018

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RMS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Liability of Failure	Likelihood of Impact to a Target	Consequences of Failure	Character View Status	Primary Removal Method
651	Mixed Species	Mixed Species	-36.89232542	174.7202284	A1 - Southeastern shoulder	Not a pest plant		10	6	Co-dominant	Semimature	Average	Possible	Very Low	Minor		Retained
652	Mixed Species	Mixed Species	-36.89218963	174.7202664	A1 - Southeastern shoulder	Unknown		5	5	Co-dominant	Young	Average	Possible	Very Low	Minor		Manual Demanding
653	Metrosideros excelsa - pohukawā	Native	-36.89182236	174.7202024	A1 - Southeastern shoulder	Not a pest plant	2600	16	20	Co-dominant	Semimature	Average	Possible	Low	Severe		Retained
654	Metrosideros excelsa - pohukawā	Native	-36.89171014	174.7206654	A1 - Southeastern shoulder	Not a pest plant	2600	14	18	Co-dominant	Semimature	Average	Possible	Low	Severe		Retained
655	Vibex lucens - Pūriri	Native	-36.89238484	174.7205291	A1 - Southeastern shoulder	Unknown	700	7	6	Co-dominant	Semimature	Average	Possible	Very Low	Minor		Retained
656	Vibex lucens - Pūriri	Native	-36.89176655	174.719726	A1 - Southeastern shoulder	Unknown	2000	13	15	Co-dominant	Semimature	Average	Possible	Very Low	Minor		Retained
657	Eucalyptus sp.	Exotic	-36.89178218	174.7196529	A1 - Southeastern shoulder	Not a pest plant	550	13	10	Co-dominant	Semimature	Poor	Possible	Medium	Significant	Yes	Manual Demanding
658	Olea sp. - olive	Exotic	-36.89030924	174.720204	D - Central Rises	Surveillance pest plant	200	9	6	Suppressed	Mature	Average	Possible	Medium	Minor	No	Crane Assisted Demanding
659	Podocarpus totara - totara	Native	-36.89030361	174.7202848	D - Central Rises	Not a pest plant	250	12	7	Intermediate	Mature	Average	Improbable	Medium	Minor	Yes	Retained
660	Podocarpus totara - totara	Native	-36.89025025	174.7202529	D - Central Rises	Not a pest plant	250	10	5	Intermediate	Mature	Average	Improbable	Medium	Minor	No	Retained
661	Metrosideros excelsa - pohukawā	Native	-36.89041543	174.7195157	D - Central Rises	Not a pest plant	4200x150	14	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
662	Prunus sp. - flowering cherry	Exotic	-36.89033579	174.7198841	D - Central Rises	Not a pest plant		10	10	Suppressed	Mature	Poor	Possible	Low	Minor	Yes	Helicopter Assisted Demanding
663	Prunus sp. - flowering cherry	Exotic	-36.89033579	174.7198841	D - Central Rises	Not a pest plant		10	10	Suppressed	Mature	Poor	Possible	Low	Minor	Yes	Helicopter Assisted Demanding
664	Prunus sp. - flowering cherry	Exotic	-36.89033579	174.7198841	D - Central Rises	Not a pest plant		10	10	Suppressed	Mature	Poor	Possible	Low	Minor	Yes	Helicopter Assisted Demanding
665	Eucalyptus eugenoides - bhī leaf stringybark	Exotic	-36.89038773	174.7201909	D - Central Rises	Not a pest plant		15	18	Suppressed	Mature	Poor	Possible	Medium	Significant	Yes	Crane Assisted Demanding
666	Eucalyptus eugenoides - bhī leaf stringybark	Exotic	-36.89038773	174.7201909	D - Central Rises	Not a pest plant		15	18	Suppressed	Mature	Poor	Possible	Medium	Significant	Yes	Crane Assisted Demanding
667	Eucalyptus eugenoides - bhī leaf stringybark	Exotic	-36.89038773	174.7201909	D - Central Rises	Not a pest plant		15	18	Suppressed	Mature	Poor	Possible	Medium	Significant	Yes	Crane Assisted Demanding
668	Eucalyptus eugenoides - bhī leaf stringybark	Exotic	-36.89038773	174.7201909	D - Central Rises	Not a pest plant		15	18	Suppressed	Mature	Poor	Possible	Medium	Significant	Yes	Crane Assisted Demanding
669	Eucalyptus sp.	Exotic	-36.8902768	174.7195502	D - Central Rises	Not a pest plant	850	22	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Helicopter Assisted Demanding
670	Podocarpus totara - totara	Native	-36.89029537	174.7198017	D - Central Rises	Not a pest plant	350	10	10	Intermediate	Mature	Average	Improbable	Medium	Minor	Yes	Retained
671	Metrosideros excelsa - pohukawā	Native	-36.89027009	174.7197276	D - Central Rises	Not a pest plant	200x200x200	15	5	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
672	Metrosideros excelsa - pohukawā	Native	-36.89025481	174.7197229	D - Central Rises	Not a pest plant	200x6	15	5	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
673	Metrosideros excelsa - pohukawā	Native	-36.89023926	174.7196907	D - Central Rises	Not a pest plant	200x3x100x2	15	5	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
674	Metrosideros excelsa - pohukawā	Native	-36.89024596	174.7196404	D - Central Rises	Not a pest plant	200x3	15	5	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
675	Metrosideros excelsa - pohukawā	Native	-36.89022612	174.719575	D - Central Rises	Not a pest plant	600x200x6x150x3	15	12	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPKS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Uremood of Impact to a Target	Consequences of Failure	Obstructs View Paths	Primary Removal Method
676	Metrosideros excelsa - pohutukawa	Native	-36.8902064	174.7194835	D - Central Rises	Not a pest plant	300x6	15	12	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
677	Podocarpus tataru - tataru	Native	-36.8901031	174.7194141	D - Central Rises	Not a pest plant	400x350x4300x5	18	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
678	Podocarpus tataru - tataru	Native	-36.89005128	174.7194533	D - Central Rises	Not a pest plant	150x150	4	3	Intermediate	Semimature	Average	Improbable	Low	Minor	No	Retained
679	Metrosideros excelsa - pohutukawa	Exotic	-36.89010813	174.7195304	D - Central Rises	Not a pest plant	200x200	11	9	Intermediate	Mature	Average	Possible	Medium	Significant	Yes	Helicopter-Assisted Dismantling
680	Eucalyptus sp.	Exotic	-36.89016605	174.7197373	D - Central Rises	Not a pest plant	110	22	25	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Helicopter-Assisted Dismantling
681	Podocarpus tataru - tataru	Native	-36.8902044	174.7197014	D - Central Rises	Not a pest plant	150x100x100	7	5	Suppressed	Mature	Average	Improbable	Medium	Minor	No	Retained
682	Podocarpus tataru - tataru	Native	-36.89077866	174.719681	D - Central Rises	Not a pest plant	200	7	5	Suppressed	Mature	Average	Improbable	Medium	Minor	No	Retained
683	Eucalyptus sp.	Exotic	-36.89074514	174.7196552	D - Central Rises	Not a pest plant	1200	22	20	Dominant	Mature	Average	Possible	Medium	Severe	Yes	Crane-Assisted Dismantling
684	Prunus sp. flowering cherry	Exotic	-36.89021057	174.7199472	D - Central Rises	Not a pest plant	200	7	10	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Helicopter-Assisted Dismantling
685	Eucalyptus eugenioides - thin leaf stringbark	Exotic	-36.89025186	174.7201738	D - Central Rises	Not a pest plant	850	22	19	Dominant	Mature	Average	Possible	Medium	Significant	Yes	Crane-Assisted Dismantling
686	Cryptomeria japonica - Japanese cedar	Exotic	-36.89017437	174.7200524	D - Central Rises	Not a pest plant	750	25	13	Co-dominant	Mature	Good	Improbable	Low	Minor	Yes	Crane-Assisted Dismantling
687	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
688	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
689	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
690	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
691	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
692	Podocarpus tataru - tataru	Native	-36.89019367	174.7200933	D - Central Rises	Not a pest plant	10	10	26	Suppressed	Semimature	Average	Improbable	Very Low	Minor	No	Retained
693	Podocarpus tataru - tataru	Native	-36.89071656	174.7208477	D - Central Rises	Not a pest plant	900	20	8	Co-dominant	Mature	Average	Improbable	Medium	Minor	Yes	Retained
694	Metrosideros excelsa - pohutukawa	Native	-36.89128449	174.7203756	E - Tilt	Not a pest plant	1600	10	14	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
695	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
696	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
697	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
698	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
699	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained
700	Metrosideros excelsa - pohutukawa	Native	-36.89177047	174.7204256	E - Tilt	Not a pest plant	12	12	8	Co-dominant	Semimature	Average	Possible	Low	Severe	Yes	Retained

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RWS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Levelhood of Impact to a Target	Consequence of Failure	Obstructs View Shafts	Primary Removal Method
701	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
702	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
703	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
704	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
705	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
706	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
707	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
708	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
709	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
710	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
711	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
712	Metrosideros excelsa - pohutukawa	Native	-36.89117047	174.7204256	E - Tth	Not a pest/plant	12	8	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
713	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
714	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
715	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
716	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
717	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
718	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
719	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
720	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
721	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
722	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
723	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
724	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
725	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Tth	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPNUS Status	dbh_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Signs	Primary Removal Method
726	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Thi	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
727	Prunus sp.-flowering cherry	Exotic	-36.89118868	174.7205337	E - Thi	Not a pest/plant	8	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
728	Metrosideros excelsa - pohutukawa	Native	-36.89122655	174.7204471	E - Thi	Not a pest/plant	1100	10	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Rebined
729	Unknown	Exotic	-36.89127585	174.7206872	E - Thi	Unknown	550	8	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
730	Metrosideros excelsa - pohutukawa	Native	-36.89117154	174.7207403	E - Thi	Not a pest/plant	1400	13	14	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Rebined
731	Quercus robur - English oak	Exotic	-36.89120917	174.7207793	E - Thi	Unknown	400	13	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
732	Eucalyptus sp.	Exotic	-36.89121775	174.7209021	E - Thi	Unknown	400	18	18	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
733	Metrosideros excelsa - pohutukawa	Native	-36.89126506	174.7209595	E - Thi	Not a pest/plant	900	12	16	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Rebined
734	Metrosideros excelsa - pohutukawa	Native	-36.89120769	174.7209286	E - Thi	Not a pest/plant	1200	14	14	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Rebined
735	Callitamon sp. - bottle brush	Exotic	-36.89110669	174.7210571	E - Thi	Unknown	150	4	5	Co-dominant	Young	Poor	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
736	Olea sp. - olive	Exotic	-36.89113262	174.7210349	E - Thi	Unknown	100	5	3	Co-dominant	Young	Average	Possible	Very Low	Negligible	Yes	Crane Assisted Demanding
737	Callitamon sp. - bottle brush	Exotic	-36.89110277	174.7210214	E - Thi	Unknown	60	3	4	Co-dominant	Young	Poor	Possible	Very Low	Negligible	Yes	Crane Assisted Demanding
738	Olea sp. - olive	Exotic	-36.89115751	174.7211097	E - Thi	Unknown	650	6	7	Co-dominant	Semi-mature	Average	Possible	Very Low	Negligible	Yes	Crane Assisted Demanding
739	Metrosideros excelsa - pohutukawa	Native	-36.89112527	174.7211481	E - Thi	Not a pest/plant	1059	12	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Rebined
740	Eucalyptus sp.	Exotic	-36.89101314	174.7207134	E - Thi	Unknown	380	12	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
741	"Acmena smithii, Syzygium - lily pill, monkey apple"	Exotic	-36.89101114	174.7206846	E - Thi	Unknown	400	14	12	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
742	Eucalyptus sp.	Exotic	-36.89083368	174.7205991	E - Thi	Unknown	1800	25	30	Co-dominant	Semi-mature	Average	Possible	Very Low	Severe	Yes	Crane Assisted Demanding
743	Prunus sp.-flowering cherry	Exotic	-36.89087456	174.7206011	E - Thi	Unknown	400	7	11	Suppressed	Mature	Average	Possible	Low	Significant	No	Machine Assisted Manual Felling
744	Prunus sp.-flowering cherry	Exotic	-36.89091112	174.7205599	E - Thi	Unknown	500	7	7	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Demanding
745	Prunus sp.-flowering cherry	Exotic	-36.89089595	174.7205744	E - Thi	Unknown	100	6	3	Suppressed	Mature	Average	Possible	Very Low	Minor	Yes	Manual Demanding
746	Prunus sp.-flowering cherry	Exotic	-36.89087701	174.7205098	E - Thi	Unknown	300	6	9	Suppressed	Mature	Average	Possible	Very Low	Minor	Yes	Manual Demanding
747	Prunus sp.-flowering cherry	Exotic	-36.89089012	174.7204687	E - Thi	Unknown	320	7	6	Suppressed	Mature	Average	Possible	Very Low	Minor	Yes	Manual Demanding
748	Prunus sp.-flowering cherry	Exotic	-36.89092994	174.7204396	E - Thi	Unknown	700	8	12	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Demanding
749	Prunus sp.-flowering cherry	Exotic	-36.89065999	174.7204358	E - Thi	Unknown	300	6	6	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Demanding
750	Olea sp. - olive	Exotic	-36.89082338	174.7203958	E - Thi	Unknown	550	7	8	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Demanding

Item No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPMIS Status	dth_mm	height_approx_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Likelihood of Impact to a Target	Consequence of Failure	Obstructs View Shamba	Primary Removal Method
751	Metrosideros excelsa - pohutukawa	Native	-36.89073675	174.720334	E - Tth	Not a pest plant	1000	7	14	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
752	Metrosideros excelsa - pohutukawa	Native	-36.89074104	174.7203162	D - Central/Ries	Not a pest plant	750	8	6	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
753	Banksia sp.	Exotic	-36.8907407	174.7202817	D - Central/Ries	Unknown	600	8	8	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant	Yes	Manual Dismantling
754	Olea sp. - olive	Exotic	-36.89077807	174.7203087	D - Central/Ries	Unknown	600	9	14	Co-dominant	Semi-mature	Average	Possible	Very Low	Significant	Yes	Manual Dismantling
755	Metrosideros excelsa - pohutukawa	Native	-36.89072705	174.720291	D - Central/Ries	Not a pest plant	850	7	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
756	Olea sp. - olive	Exotic	-36.89066122	174.7201812	D - Central/Ries	Unknown	600	18	14	Co-dominant	Semi-mature	Average	Possible	Medium	Significant	Yes	Manual Dismantling
757	Metrosideros excelsa - pohutukawa	Native	-36.8905933	174.7200627	D - Central/Ries	Not a pest plant	900	12	8	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
758	"Populus nigra - Lombardy poplar, black poplar"	Exotic	-36.8906168	174.7201556	D - Central/Ries	Unknown	600	18	6	Co-dominant	Semi-mature	Average	Possible	Low	Significant	Yes	Manual Dismantling
759	Metrosideros excelsa - pohutukawa	Native	-36.89060012	174.7202366	D - Central/Ries	Not a pest plant	1000	15	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
760	Metrosideros excelsa - pohutukawa	Native	-36.89061766	174.7202819	D - Central/Ries	Not a pest plant	700	17	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
761	Podocarpus tataru - tataru	Native	-36.89059568	174.7202151	D - Central/Ries	Not a pest plant	200	6	15	Co-dominant	Semi-mature	Average	Possible	Very Low	Minor	Yes	Retained
762	Podocarpus tataru - tataru	Native	-36.89063084	174.7202228	D - Central/Ries	Not a pest plant	100	4	4	Co-dominant	Young	Average	Possible	Very Low	Minor	Yes	Retained
763	Metrosideros excelsa - pohutukawa	Native	-36.89063602	174.7203159	D - Central/Ries	Not a pest plant	950	17	12	Co-dominant	Semi-mature	Average	Possible	Low	Severe	Yes	Retained
764	"Acmena smithii, Syzygium-illy, monkey apple"	Exotic	-36.8906742	174.7204339	D - Central/Ries	Unknown	600	15	12	Co-dominant	Semi-mature	Poor	Probable	Low	Significant	Yes	Manual Dismantling
765	Eucalyptus sp.	Exotic	-36.89075966	174.7205192	E - Tth	Unknown	200	6	6	Co-dominant	Semi-mature	Poor	Probable	Low	Significant	Yes	Crane Assisted Dismantling
766	Prunus sp. - flowering cherry	Exotic	-36.89074709	174.7205673	E - Tth	Unknown	200	7	6	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Dismantling
767	Podocarpus tataru - tataru	Native	-36.89078138	174.7205309	E - Tth	Not a pest plant	100	7	6	Dominant	Young	Average	Possible	Very Low	Minor	Yes	Retained
768	Podocarpus tataru - tataru	Native	-36.89076248	174.7205692	E - Tth	Not a pest plant	50	4	4	Dominant	Young	Average	Possible	Very Low	Minor	Yes	Retained
769	Prunus sp. - flowering cherry	Exotic	-36.89085506	174.720634	E - Tth	Unknown	200	6	5	Suppressed	Mature	Average	Possible	Very Low	Significant	Yes	Manual Dismantling
770	Crybanta japonica - Japanese cedar	Exotic	-36.89043396	174.7198778	D - Central/Ries	Not a pest plant	400	15	7	Co-dominant	Mature	Average	Improbable	Low	Minor	Yes	Crane Assisted Dismantling
771	Metrosideros excelsa - pohutukawa	Native	-36.89076161	174.7207136	D - Central/Ries	Not a pest plant	500:500:400:350	14	13	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
772	"Passiflora ligularis - lemonwood, tataru"	Native	-36.89079138	174.7206724	D - Central/Ries	Not a pest plant	4x150:	12	7	Intermediate	Mature	Poor	Possible	Medium	Minor	No	Retained
773	Magnolia grandiflora - N.American magnolia	Exotic	-36.89075839	174.7205939	D - Central/Ries	Not a pest plant	250	8	10	Suppressed	Mature	Average	Possible	Medium	Minor	No	Manual Dismantling
774	Metrosideros excelsa - pohutukawa	Native	-36.89064497	174.7206274	D - Central/Ries	Not a pest plant	350x5	14	13	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
775	Podocarpus tataru - tataru	Native	-36.8906262	174.7205591	D - Central/Ries	Not a pest plant	200	9	6	Co-dominant	Mature	Good	Improbable	Medium	Minor	Yes	Retained

Map No.	Tree Species	Status	Latitude	Longitude	Operating Zone	RPLS Status	dth_year	height_m	canopy_spread_m	Crown Class	Age Class	Overall Condition	Likelihood of Failure	Liability of Impact to Target	Consequences of Failure	Obstructs View Signs	Primary Removal Method
776	Metrosideros excelsa - pohutukawa	Native	-36.89057444	174.7204816	D - Central Rises	Not a pest plant	20x8	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
777	Metrosideros excelsa - pohutukawa	Native	-36.89061547	174.7204021	D - Central Rises	Not a pest plant	200x4300x4	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
778	Metrosideros excelsa - pohutukawa	Native	-36.89059643	174.7203733	D - Central Rises	Not a pest plant	250x250x300x5x200	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
779	Metrosideros excelsa - pohutukawa	Native	-36.89065538	174.7203361	D - Central Rises	Not a pest plant	150x7	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
780	Metrosideros excelsa - pohutukawa	Native	-36.89055701	174.7204283	D - Central Rises	Not a pest plant	250x250x100x5	12	12	Co-dominant	Mature	Average	Possible	Medium	Significant	No	Retained
781	Metrosideros excelsa - pohutukawa	Native	-36.89051867	174.7203076	D - Central Rises	Not a pest plant	3x300x400x75	12	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained
782	Prunus ssp - flowering cherry	Exotic	-36.89051632	174.7204015	D - Central Rises	Not a pest plant	450	10	13	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Helicopter Assisted Drimming
783	Prunus ssp - flowering cherry	Exotic	-36.89051632	174.7204015	D - Central Rises	Not a pest plant	450	10	13	Co-dominant	Mature	Poor	Possible	Medium	Significant	No	Helicopter Assisted Drimming
784	Metrosideros excelsa - pohutukawa	Native	-36.89041704	174.7199398	D - Central Rises	Not a pest plant		10									Retained
785	Podocarpus totara - totara	Native	-36.89048569	174.7201517	D - Central Rises	Not a pest plant		10	5	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
786	Podocarpus totara - totara	Native	-36.89048569	174.7201517	D - Central Rises	Not a pest plant		10	5	Intermediate	Semi-mature	Good	Improbable	Medium	Minor	No	Retained
787	Metrosideros excelsa - pohutukawa	Native	-36.89044815	174.7199043	D - Central Rises	Not a pest plant	300x7	12	10	Co-dominant	Mature	Average	Possible	Medium	Significant	Yes	Retained

Appendix D: Recommended Operational Management Requirements

Health and Safety

A detailed plan showing the contractor's health and safety policy and site specific hazards plans and how it will be specifically applied to the works;

Environmental Management

A detailed plan showing the processes and procedures the contractor will use to ensure the service meets all of the legislative / regulatory requirements;

Resource Plan

A detailed plan showing the resources (equipment and labour) the contractor will use to ensure the works meet all of the requirements stated in an agreement yet to be drawn up. This agreement would detail the number of staff, qualification levels and competencies with regard to arboricultural operations. This plan will also include management of response work requests, including 24/7 call centre or equivalent processing to take account of incidents which could arise at the site;

Traffic Management Plan

A detailed plan showing the processes and procedures the contractor will use to ensure that appropriate traffic management systems, procedures and plans are used to ensure the work processes meet all of the legislative requirements:

- (i) The contractor is to adopt/develop, implement and manage suitable generic and specific traffic management plans (TMPs) so that the works requiring public highway access can be undertaken in accordance with the relevant legislative requirements;
- (ii) Temporary traffic control shall be in accordance with 'The NZTA Code of Practice for Temporary Traffic Management' and any other Codes of Practice adopted by the Authority, depending upon the specific traffic control requirements for the site; and

Relationship Management Plan

A detailed plan showing the processes and procedures the contractor will use to ensure that all communications relating to the management and operation of the works facilitates understanding and provides a 'No surprises' regime. This is likely to be a high profile undertaking and regular exchanges of information will be required to field potential external queries and inform timely intervention where matters unexpectedly deviate from the plan.

Emergency Work Plan

A detailed plan showing the processes and procedures the contractor will use to manage any Emergency Work that is required to be undertaken as part of the works;

Business Continuity Plan

A detailed plan showing the processes and procedures the contractor will use to manage uninterrupted continuation of the works;

Risk Mitigation Plan

A detailed plan showing the processes and procedures the contractor will use to manage risk assessment and management of risks identified by the contractor. The contractor will need to ensure Public liability cover of at least \$2 million indemnity is current for the duration of the works;

Information and Reporting

A detailed plan showing the processes for gathering, managing, checking and reporting information;

Billing

A detailed plan showing the processes for ensuring invoicing is on time, with enough information for the Authority to be able to easily ask questions, understand what is being billed for, and assess the progress of works to date.

Quality Management Plan (QMP)

A detailed Quality Management Plan should be provided by the contractor.

It may prove expedient for the Authority to agree with any prospective contractor the standard to be adopted for the purposes of the contract as a baseline reference point. The content of the Quality Management Plan should include but not be limited to:

- Quality management processes to ensure all works are delivered to the appropriate standard and comply with all relevant industry practises and legislation;
- A compliments and complaints procedure, including a process for effectively responding to complaints; and
- All other things necessary to ensure the quality of the works as may be required by the Authority.

The Quality Management Plan should be approved in writing by the Authority. If such a quality management plan is rejected by the Authority the contractor should address all issues regarding the Quality Management Plan made known to the contractor by the Authority and re-submit until approval is obtained.

Variation to the QMP may be required from time to time by mutual agreement.

The contractor must regularly update and maintain the Quality Assurance Plan throughout the works period.

Best Practice Standards

All operations shall have regard to arboricultural best practice. In general, the determination of good practices can be gleaned from the following:

- <https://www.nzarb.org.nz/Safety++Compliance/Guides.html> (NZ)
- BS 5837:2012 Trees in relation to design, demolition and construction– Recommendations (UK)
- BS 3998:2010 Tree work. Recommendations (UK)
- ANSI A300 (series) American National Standard for Tree Care Operations (USA)
- AS 4970-2009 Protection of trees on development sites (Aus)
- AS 4373—2007 Pruning of amenity trees (Aus)

Working Hours

The contractor shall need to ensure that all works, particularly helicopter extractions, which generate excessive noise or other hindrances are carried out at times that minimise the impact to the public and local residents and comply with any relevant bylaws and/or specific noise restrictions.

