



18 URBAN LAND MODIFICATION AND VEGETATION PROTECTION

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URBAN LAND MODIFICATION AND VEGETATION PROTECTION

18.1

INTRODUCTION

This chapter refers specifically to land modification activities and vegetation removal in **urban areas**. It does not refer to land modification activities or vegetation removal in the Rural or Inland Waters Zones. It should be referred to when dealing with residential activities (see *Chapter 8*), business activities (see *Chapter 9*), open space activities (see *Chapter 10*), future urban activities (see *Chapter 13*) and specified special zones (see *Chapter 12*).

When dealing with earthworks and vegetation removal in the Rural Zones refer to *Chapter 7 - Rural* and in the Inland Waters Zones refer to *Chapter 11 - Inland Waters*.

When dealing with earthworks and vegetation removal regard should also be had to the following chapters:

Chapter 5 - Natural Hazards

Chapter 6 - Highly Valued Natural Resources

Chapter 16 - General Rules

Chapter 17 - Cultural Heritage

Chapter 19 - Utilities

Chapter 20 - Hazardous Substances and Contaminated Sites

Chapter 21 - Transportation and Access

When dealing with land modification regard also needs to be had to the Auckland Regional Council's Proposed Regional Plan: Sediment Control.

18.1.1

Urban Land Modification

For the purposes of this chapter land modification refers to earthworks, vegetation clearance, the modification of water courses and wetlands through filling and re-alignment, and the modification of landforms which occurs in **urban** areas generally as a result of new development, including small scale subdivision and what is a "one off" event, for example the transition of land from largely natural or rural character to an urban area. It also refers to ongoing land modification after "one off" large scale modification, for example excavation for individual houses and driveways, and small scale site developments.

The topography of the District means that land modification generally precedes the development of urban and future urban areas of the District. However, more than any other activity, land modification has the ability to affect the District's natural and physical resources, because the vegetation clearance and earthworks associated with land modification result in the alteration, degradation and loss of terrestrial and aquatic habitats. Landforms, landscapes and natural features can be altered to such an extent that the identity, amenity values and character of an area are changed completely. Therefore, although the earthworks are temporary and usually short-lived, their effects are often both significant and long term. This makes it one of the most critical issues within the District.



18.1.2

The Resource Management Act 1991 states that the Regional Council is required to control land use for soil conservation purposes, and for maintaining and enhancing the quality and quantity of water in water bodies and coastal water. This overlaps with the District Council's jurisdiction, which is to control any actual or potential effects of the use, development or protection of land.

The District Council clearly has direct jurisdiction over vegetation clearance and changes to habitats, both aquatic and terrestrial, wetland flows, effects on amenity values (eg. dust), landscape issues and noise. Therefore the objectives, policies and rules deal with these issues.

In the field of sediment control and maintenance and enhancement of water quality, the jurisdiction is less well defined. It is clear that Regional Councils have a role. However, District Councils also have a role to play in minimising soil erosion, if it is the result of the use and development of land.

Urban Vegetation Protection

In urban areas trees and areas of bush are an important component of visual amenity values where they provide visual relief from the built environment, increase privacy, provide a sense of character to open space and neighbourhoods, and reduce noise. They are also important in providing habitat and food for animals and insects. They reduce soil and water runoff, helping to maintain water quality within the District. By absorbing carbon dioxide and releasing oxygen, trees and vegetation help retain urban air quality.

Coastal native trees and areas of bush are additionally important for their contribution to coastal amenity values and cliff stability, as well as acting as ecological corridors (eg. Weiti Estuary) and habitats.

In addition to trees which provide visual amenity, ecological and stability benefits, there are a number of trees which are valued by the community because of their historic value. Others are valued because they stand out in the landscape, or are rare, and they contribute to the values of the wider community as well as those of the property on which they are growing.



18.2

Issue

18.2.1

RESOURCE MANAGEMENT ISSUES

Urban land modification, including earthworks and vegetation removal, relating to development and subdivision, particularly in the coastal environment, can cause adverse effects on the environment, including degradation and loss of habitats, water quality and quantity, wetlands, landscape quality and amenity values, as well as the mauri (life force) and taonga of Maori.

All development requires some modification to the natural environment, in order to allow for the establishment of roads, infrastructure and building sites. In the past, large urban subdivisions have been the focus of most concern because of the large scale environmental effects. However, with the strict controls placed on the way larger developments can occur (eg. requirements for sediment ponds, and silt fences), many of the adverse environmental effects are being mitigated. It is the smaller site developments (such as building platforms for a house) on sites of less than 1 hectare which, although they individually have a small effect, cumulatively can result in substantial adverse effects.

The adverse effects on the environment of both large and small scale land modification are detailed below.

Loss of vegetation (both native and exotic)

Development inevitably results in the removal of both exotic and native vegetation, including grass. The result of this is increased exposure of soils, and therefore the potential for soil erosion, and loss of habitat for birds and other animals. There is a decline in amenity values, because vegetation is important in providing visual buffers and shading. Changes in landscape values also occur, as vegetation is a key component in landscapes. The clearance of vegetation adjacent to waterbodies is of special significance, because of the loss of the vegetative filter and the resultant direct inputs of sediments to waterbodies.

Accelerated soil/sediment runoff

Although soil erosion is a natural process, land modification has the potential to cause erosion at a much faster rate than would normally occur. The longer soils are exposed during earthworks, the greater the risk of sediment runoff. The steeper the slope, the greater the sediment runoff. Large infrequent storms generate a disproportionate amount of sediment from earthworks by comparison with more frequent but gentler rainfall. Land modification which occurs in waterways (eg. channelling and piping), also produces a disproportionate amount of sediment. The result of sediment runoff is damage to neighbouring properties, the blocking of drains, and the sedimentation of waterways.

Degradation of water habitats

Land modification can result in the degradation of aquatic habitats through increased sediment discharge. Sediment reduces light penetration and therefore aquatic plant growth, physically smothers aquatic insects and crustaceans, damages fish gills and filter feeders, leads to loss of habitats, and helps transport contaminants to waterbodies. Documented and anecdotal evidence suggests that many of the District's waterways experience siltation.



Effects on estuaries, beaches and seabeds

Sediment can adversely affect seabed and beach qualities, by making them muddy rather than sandy. In estuaries increased sediment can provide a substrate for mangroves to expand into, which may reduce the navigability of, and access to waterways. Shellfish and bottom living animals are also adversely affected by sediment.

Increased volume and speed of overland freshwater flows

Increased volumes and speed of overland freshwater flows occur, because runoff from bare soil yields larger volumes of freshwater runoff. This can cause localised flooding at the lower end of the catchment, which can be further exacerbated if overland flow paths and stream and river channels are filled in and wetlands are drained.

Changes in landscape amenity values

In addition, increased stormwater flows can result in changes in salinity in estuary areas, affecting fish, molluscs and crustaceans. They can also cause erosion of freshwater flow paths and estuary channels, generating additional quantities of sediment. Studies have shown that urban stream channels adjusting to increased flows can widen 2-4 times more than would naturally occur if urban development did not occur.

Landscapes are made up of a combination of landform, vegetation and other elements. This creates a diversity. Land modification, especially the removal of both exotic and native vegetation, large cuts on hillsides, and the alteration of geological landforms through recontouring, filling and the realignment of watercourses (including channelling), can result in a loss of landscape and amenity values, and diversity.

Effects on the mauri and taonga of Maori people

Maori regard the natural world holistically, and consider themselves to be an integral part of it. The adverse effects of land modification may affect the mauri (life force) of the environment.

Issue
18.2.2

Earthworks and vegetation removal, relating particularly to development and subdivision, can cause adverse effects on neighbouring properties and infrastructure.

Land disturbance relating to development and subdivision can have the following adverse effects on neighbouring properties.

Deposition of sediment

Development and subdivision which result in land disturbance can cause inundation of lower lying properties or roadways with sediment, if adequate sediment control measures are not in place. This can damage property and public utilities.

Decline in air quality

Dust which arises from the clearance of vegetation and the exposure of bare soil to the wind during land modification, can have adverse effects on air quality. Although the effects tend to be short-term and can be moderated by wetting the soils, they can cause annoyance to people living near development areas, and in some instances cause health problems such as asthma. Air quality can also be adversely affected by smoke from burn-offs during vegetation clearance.

Increased noise levels

Vehicles used to import earthwork materials create noise which can affect people living in neighbouring areas, especially if this occurs early in the morning or late at night. It can also result in the disturbance of birds and other animals in the vicinity. The use of heavy construction vehicles such as graders and diggers to move earth, can also result in high noise levels.



<i>Safety issues</i>	In addition, the increased traffic and movement of heavy vehicles around the site can affect the safe and efficient operation of the road network.
<i>Service lines and excavations close to neighbouring boundaries</i>	Additionally excavations of a large scale, or too close to neighbouring boundaries, can adversely affect the amenity values of neighbouring properties, and exacerbate instability.
<i>Issue</i> 18.2.3	Earthworks and vegetation removal, relating particularly to development and subdivision, can cause adverse effects on cultural heritage sites.
<i>Scientific, cultural and historic values</i>	Land disturbance, including earthworks and vegetation clearance, can destroy or reduce the scientific, cultural and historic value of sites, structures and other objects by altering the site. Archaeological sites are particularly affected by excavation and filling, which result in the removal of artefacts and the destruction of structures and remains of structures, including pits. Excavations can also result in the destruction of historical evidence and the relocation of objects.
<i>Waahi tapu</i>	Earthworks and vegetation clearance can affect waahi tapu (eg. urupa, pa sites, battle sites, places where tupapaku (bones) were cleaned and rested, tapu trees and other ancestral taonga).
<i>Issue</i> 18.2.4	The damage to or removal of urban trees and vegetation can have adverse effects on urban amenity values, landscape values, habitats for birds and insects, soil and water conservation and air quality.
<i>Value of vegetation</i>	Trees and vegetation, both exotic species and native species, play an important role in landscape and visual amenity values, and privacy in the urban zones. They are also important in reducing erosion and stabilising areas, especially along coastal, river and lake margins. They act as filters for sediment and urban contaminants, therefore assisting in maintaining water quality, and play an important role in providing habitat for native and exotic birds and insects. They also assist in maintaining air quality by absorbing carbon dioxide and giving off oxygen.
<i>Infill housing</i>	Urban developments and infill housing often result in the removal of trees and vegetation which affects all of the above values. Earthworks, trenching and the grading of areas within the root zone of trees can cause damage to the roots, and in many instances, cause the decline and death of the tree. In most situations the root zone area can be assigned by taking the larger of (i) a circle centred at the trunk with a radius at least half the height of the tree, and (ii) a circle centred at the trunk with a radius at least the greatest spread from the trunk; but in each instance needs to be determined on a case by case basis as there are exceptions.
<i>Notable Trees</i>	There are certain trees that contribute significantly to the landscape values, wider than that of the property on which they grow, because of their size and visual prominence in their landscape. Certain trees are important because of their scientific, historic or rarity values. The loss of these trees results in a loss to the landscape amenity values, and scientific and historic values of urban areas.



High landscape value areas

In many of the high landscape value areas, it is the continuous vegetation cover which contributes significantly to the natural character and amenity values. These continuous vegetation areas are often important as habitat for wildlife. Removal of this vegetation during development adversely affects these values.

Issues from other chapters

Readers should note that issues from the following chapters are also relevant:

Chapter 5 - Natural Hazards

Chapter 6 - Highly Valued Natural Resources

Chapter 17 - Cultural Heritage

Chapter 19 - Utilities

Chapter 20 - Hazardous Substances and Contaminated Sites

Chapter 21 - Transportation and Access



18.3

Objective 18.3.1

Objectives from other chapters

OBJECTIVES

To avoid, remedy or mitigate the adverse effects of earthworks and vegetation removal on:

- (a) natural resources, including soils, waterways, native vegetation, wetlands and habitats of native animals;
- (b) the natural character, water quality and ecology of the coastal environment and landscapes of high value;
- (c) the visual amenity values of neighbourhoods and coastal areas;
- (d) the stability and erosion of coastal, river and lake margins;
- (e) neighbouring properties and communities, including privacy and infrastructure;
- (f) cultural heritage sites;
- (g) ancestral lands, sites, waahi tapu, and other taonga, and the mauri of water in waterbodies.

(This objective relates to Issues 18.2.1, 18.2.2, 18.2.3 and 18.2.4.)

Readers should note that Objectives from the following chapters are also relevant:

Chapter 5 - Natural Hazards

Chapter 6 - Highly Values Natural Resources

Chapter 17 - Cultural Heritage

Chapter 19 - Utilities

Chapter 20 - Hazardous Substances and Contaminated Sites

Chapter 21 - Transportation and Access

Chapter 23 Subdivision and Services



18.4

Policy

18.4.1

Land modification

POLICIES

Land modification, including earthworks and vegetation removal, should be designed and undertaken in a manner which minimises adverse effects on water quality, soil erosion, landscape amenity values (especially in areas of high landscape value), the natural character, water quality and ecology of the coastal environment, natural hazards, overland water flows, neighbouring properties and communities by:

- (a) minimising the area of exposed soils and length of time they remain exposed;
- (b) avoiding excavation or deposition of soil within overland flow paths or in areas prone to instability or flooding, or where natural hazards could be exacerbated;
- (c) avoiding excavation or deposition of fill adjacent to property boundaries or service lines;
- (d) avoiding earthworks and vegetation clearance on riparian and coastal margins, or adjacent to wetlands;
- (e) avoiding vegetation clearance on steep slopes and soils prone to erosion or instability; and
- (f) using appropriate techniques to retain sediment on site and reduce soil erosion.
- (g) Using appropriate techniques to minimise impacts on health

Explanation and Reason

This policy seeks to achieve Objective 18.3.1.

The larger the area of exposed soil, the greater the potential for generating high sediment levels in runoff, especially during large storms, which generate a disproportionate amount of sediment compared with smaller events. Restricting the exposure of soils during winter when rainfall levels are high, is also important in minimising sediment runoff. The longer the time soils are exposed and the steeper the slope, the higher the amount of sediment likely to be generated. Therefore, revegetation should occur as soon as possible after the soils are exposed.

Sediment runoff from development sites can be minimised through a number of techniques, depending on the size of the development and the slope of the site. Common techniques used are sediment retention ponds, rock dams, hay bales and silt fences. Surface stabilisation, including regrassing, hydroseeding, vegetative buffer strips and mulches, is another mechanism for reducing sediment runoff from a site. Low impact design that protects and incorporates natural site features in the erosion and sediment control and stormwater plans supports soil conservation and may reduce the need for some other sediment controls. Alternative approaches to site development which are of low impact are outlined in Auckland Regional Council's Technical Publication Low Impact Design Manual – Technical Publication 124.



Policy
18.4.2
Vegetation, landforms,
watercourses and waterbodies

Native vegetation plays an important role in landscape values, especially along the coast and river margins where it contributes to natural character. Vegetation is also important in these areas for minimising erosion.

Vegetation is important in maintaining water quality and quantity, by reducing the rate of overland flows, and therefore erosion. Riparian and coastal vegetation minimises bank erosion and traps sediments and other contaminants from urban areas. Wetlands also trap contaminants, thus ensuring that water quality is retained. In addition, wetlands absorb water, reducing peak flows and increasing base flows, resulting in a steady flow of water and a decrease in flooding.

Native trees and bush, significant exotic trees, significant landforms, and watercourses and waterbodies, including wetlands, should be retained. Where this is not possible, mitigation measures should be undertaken.

Explanation and Reason

This policy seeks to achieve Objective 18.3.1.

Trees and bush are important components in urban areas providing amenity and landscape values. They are also important in providing habitat. In the urban context, exotic species and native species contribute an equal level of amenity value to the community by contributing to overall aesthetics and providing privacy, screening and landmark significance. It is generally accepted however, that native trees have greater ecological significance, forming part of the natural environment, the ecological values increasing where trees form a group.

Watercourses, waterbodies and significant landforms are important for their landscape and amenity values. Watercourses and bodies are an integral part of maintaining habitats for aquatic and terrestrial species, as well as minimising flooding.

Many newly developed areas lose these important components, without them being replaced with anything as attractive or biologically viable, because they are often irreplaceable (eg. modified landforms and watercourses). Therefore, it is important that, where natural features in urban areas enhance landscapes or have value as wildlife habitats, they are retained through the appropriate siting of structures and works, which avoid or minimise adverse effects on these features. In the case of trees, this means avoiding works within the root zone of the tree, including trenching and earthworks or the installation of structures within this area (eg. driveways, houses etc.). In most situations the root zone area can be assigned by taking the larger of (i) a circle centred at the trunk with a radius at least half the height of the tree, and (ii) a circle centred at the trunk with a radius at least the greatest spread from the trunk; but in each instance needs to be determined on a case by case basis as there are exceptions.

In the case of waterways and courses, this means avoiding filling, channelling or draining these areas or undertaking works adjacent to the waterbodies.



Policy
18.4.3
Dust, smoke, noise and vibration levels

Land modification should occur in a manner which minimises dust, smoke, noise and vibration levels.

Explanation and Reason

This policy seeks to achieve Objective 18.3.1.

Land clearance, excavation and filling results in dust, because of the exposure of bare loosened soil to the wind during development. Burn-offs result in smoke. The effects tend to be short-term, but they can annoy people living or working near to a development. The noise of the earthmoving machinery and trucks can also be an issue in an area where excavation, land clearance and filling is occurring, especially early in the morning or late at night. Techniques should be used which minimise these effects (eg. wetting of soils, minimising burnoffs, avoiding works involving machinery early in the morning and late at night).

Policy
18.4.4
Archaeological sites

Prior to undertaking land modification, sites should be assessed to determine whether archaeological sites exist. Where archaeological sites are identified, they should be assessed and adverse effects avoided where possible.

Explanation and Reason

This policy seeks to achieve Objective 18.3.1.

Land disturbance, including earthworks and vegetation clearance, can destroy or reduce the scientific, cultural and historic value of sites, structures and other objects by altering the site. Archaeological sites and waahi tapu are particularly affected by excavation which results in the removal of artefacts, the destruction of historical evidence or total loss of the site. Therefore, it is important that either these sites are avoided or, where this is not practical, the site is investigated before it is modified or destroyed. Subdivision design should take into account archaeological sites and where possible, arrange for them to be located in reserves, especially in medium to high density subdivisions; or for roads and house sites to be located clear of archaeological sites, especially in low intensity residential subdivision.

The process set out in the Historic Places Act is fundamental to giving effect to this policy. This process requires that consent to modify any archaeological site be obtained from the Historic Places Trust.

Policy
18.4.5

Policies from the following chapters are also relevant:

*Chapter 5 - Natural Hazards
Chapter 6 - Highly Valued Natural Resources
Chapter 17 - Cultural Heritage
Chapter 19 - Utilities
Chapter 20 - Hazardous Substances and Contaminated Sites
Chapter 21 - Transportation and Access
Chapter 23 – Subdivision and Services*



18.5

STRATEGY

18.5.1

Urban Land Modification

The strategy is to minimise the adverse effects of land modification on natural and physical resources in urban and future urban areas, by minimising earthworks and vegetation removal and their adverse effects, and ensuring that appropriate sediment and erosion control mechanisms are put in place, so that sediment remains on site.

The strategy also involves restricting earthworks in areas adjacent to waterways and coastal areas; in areas prone to flooding, instability or erosion; and adjacent to neighbouring properties and services.

The strategy involves managing land modification through development controls. It also relies on non-regulatory methods, such as the provision of information to developers and communities to help them understand the effects of land modification on streams, rivers, lakes and estuaries in the catchment, and the mitigation measures which can be taken to minimise these effects. It involves co-operating with other agencies, especially the Auckland Regional Council, and using structure plans and catchment management plans to identify environments that are sensitive to the effects of land modification.

18.5.2

Vegetation Protection

The approach adopted in the plan is for general tree protection for native and exotic trees in combination with scheduling for the most notable trees, both native and exotic, which are of particular landscape, scientific, historic or cultural significance. Within the coastal areas the removal of native trees is more restrictive, for landscape protection and erosion control. It is also more restrictive in certain areas which are of high landscape or ecological value (eg. Weiti corridor).



18.6	IMPLEMENTATION
18.6.1	District Plan Regulatory Methods
18.6.1.1	<p>Effects-Based Activity Rules</p> <p>Earthworks, vegetation removal, importation of cleanfill material and the modification of wetlands and watercourses at a level where the adverse effects will be minor, are Permitted Activities.</p> <p>Where the effects are expected to be greater, the activities are Restricted Discretionary or Discretionary Activities. Examples are: earthworks close to waterbodies, or which could modify waterbodies, or the importation of cleanfill material greater than a specified volume to a site.</p> <p>The control of earthworks, vegetation removal and the modification of wetlands and watercourses is the responsibility of the Rodney District Council and Auckland Regional Council. The Effects Based Activity Rules specified in this Plan relate to the aspects of these activities which are managed by Rodney District Council. Consent may also be required from the Auckland Regional Council for these activities. Rule 18.9 Activity Rules 'Important Notice relating to Activity Table' sets out in greater detail the respective responsibilities of Rodney District Council and the Regional Council.</p>
18.6.1.2	<p>Development Controls</p> <p>Development controls are intended to ensure that activities achieve the environmental standards desired in each zone.</p> <p>They include controls on:</p> <ul style="list-style-type: none">(a) maintaining sediment on site;(b) earthworks and vegetation removal in areas prone to flooding, erosion and instability;(c) earthworks and vegetation removal adjacent to waterbodies, or coastal areas;(d) unretained filling, and excavations near a Council service line or an adjacent property.
18.6.2	Other Regulatory Methods
18.6.2.1	<p>Structure Plans</p> <p>Structure Plans can be used to identify areas unsuitable for further earthworks because of the adverse effects on the land subject to the earthworks, neighbouring properties, communities and water quality and quantity in the catchment. They can also be used to identify areas where native and exotic vegetation should be retained.</p>
18.6.2.2	<p>Other Statutory Documents</p> <p>In dealing with applications for land modification, regard must be given to the Auckland Regional Council's Proposed Regional Plan: Sediment Control, and documents referred to in <i>Chapter 16 - General Rules</i>.</p>



18.6.3

Other Methods

There are a number of non-statutory methods which will be used to achieve the objectives and policies of the Plan.

18.6.3.1

Structure Plans, Catchment Management Plans, Land Information Register and Auckland Regional Council Technical Publications

Structure Plans and Catchment Management Plans can be used to identify areas unsuitable for further earthworks because of the adverse effects on-site and on the receiving environment.

Catchment Management Plans should be taken into account when earthworks are undertaken, to ensure that overland flow paths are not adversely affected, potentially creating flooding hazards on or off-site.

The Council's Land Information Register should be consulted when earthworks or vegetation removal are undertaken, to ensure that stability or flooding will not be initiated or exacerbated.

Auckland Regional Technical Publications also provide non statutory methods to achieve the objectives and policies of the Plan.

18.6.3.2

Co-operation with Other Organisations

The Council will continue to co-operate with other organisations involved in the management of land modification, especially the Regional Council. It will also co-operate with organisations involved in tree protection, such as the Tree Council.

18.6.3.3

Education and Awareness

Education of communities and landowners is important in ensuring that the effects of land modification and vegetation removal are minimised. The Council will support initiatives which increase this awareness, such as the dissemination of information, and workshops about appropriate mitigation measures for earthworks.

The Council will also support education about the benefits of tree protection in urban areas, appropriate techniques for caring for trees and appropriate trees to plant, especially in more highly urbanised areas and newly subdivided areas.

18.6.3.4

Acquisition of Land and Management of Trees on Council Property.

Council will support the acquisition of areas of bush or significant trees, either through reserve contributions or through direct purchase, where this is appropriate. It will also support the planting and management of trees on recreational and road reserves, where this is appropriate.



18.7

ANTICIPATED ENVIRONMENTAL RESULTS

The environmental results anticipated from the implementation of the above objectives, policies and methods are:

- (a) Sediment runoff from sites is minimised.
- (b) Increases in the volume and speed of overland water flows are minimised.
- (c) Significant landforms are retained.
- (d) Native trees and bush and significant exotic trees are retained for their habitat, visual amenity values and landscape values, and for their role in reducing erosion, water runoff and instability.
- (e) Water courses, waterbodies and wetlands are retained for their habitat, visual amenity and landscape values, and their role in minimising flooding.
- (f) Highly valued landscapes and the natural character of the coastal environment are maintained.
- (g) Waterways and coastal areas are not polluted by sediment inputs.
- (h) Services are not damaged or destroyed.
- (i) The rate of damage and destruction of cultural heritage sites, especially archaeological and waahi tapu sites, is reduced during development and earthworks.
- (j) The adverse effects on water quality, waterbodies, ancestral lands, waahi tapu sites, other taonga and the mauri of water in waterbodies are avoided, remedied or mitigated.
- (k) Risks to public health are minimised.



18.8

DESCRIPTION OF ZONES

Zoning is not used in relation to urban land modification and tree protection. The Rules in this part of the Plan apply to all Urban Zones in the District. (**Note:** For earthworks and vegetation removal relating to rural areas see *Chapter 7 - Rural* and for inland waters areas see *Chapter 11 - Inland Waters*.)

For the purposes of the Rules in this chapter "Urban Zones" refers to all six Residential Zones (ie. Low, Medium, High Intensity and Landscape Protection, Eastern Peninsula and Physical Limitations), all three Business Zones (ie. Retail Service, Mixed Business and Industrial), all five Open Space Zones (ie. Conservation, Passive and Informal, Water Access, Multi-use and Community, and Private), all Future Development Zones, and Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21 and 22 (Point Wells Garden Seaside Settlement Policy Area and the Point Wells Omaha Flats Lifestyle Policy Area), 25, 26, 29, 31, 33 and 35 unless specifically stated. For further details see:

[\[Amendment 63\]](#) [\[Amendment 127\]](#) [\[Amendment 158\]](#) [\[Amendment 137\]](#)
[\[Amendment 123\]](#)

Chapter 8 - Residential

Chapter 9 - Business

Chapter 10 - Open Space and Recreation

Chapter 12 - Special Zones

Chapter 13 - Future Development and Structure Plans



Rule 18.9

ACTIVITY RULES

Important Notice relating to Activity Table

The control of earthworks, vegetation removal and the modification of wetlands and watercourses is the responsibility of both the Rodney District Council and Auckland Regional Council. However, they are responsible for control of different aspects of these operations.

In the sphere of earthworks and vegetation removal, Rodney District Council does not have the jurisdiction to control the effects of land use and development for the purposes of soil conservation and water quality, as these are a function of the Auckland Regional Council under section 30(1) of the Resource Management Act 1991. However, Rodney District Council can exercise such control for any of the purposes set out in section 31 of the Act, which may result in the promotion of soil conservation and water quality.

Earthworks and vegetation clearance which affect soil conservation, and water quality and hydrology, and any waterbody modification, are subject to control by the Auckland Regional Council.

In the case of the modification or diversion of wetlands, the Auckland Regional Council has stated that its primary concern is with hydrological and ecological effects. It is therefore legitimate for the Rodney District Council to address other consequential effects of the modification or diversion of wetlands, such as the effects on amenity values and landscape.

Earthworks, vegetation removal and waterbody modification which affect the matters below, are subject to control by the Rodney District Council:

- *Soil/sediment runoff (in terms of effects such as the deposition of material on adjoining land, rather than soil conservation or water quality per se).*
- *Land stability in the case of earthworks and vegetation removal, and flooding in the case of water course or wetland modification.*
- *Amenity values and landscape effects.*
- *Loss of significant flora and fauna.*

As earthworks, including wetland and watercourse modification, and vegetation clearance activities may concern both councils, separate applications for consent often need to be made to both. Applicants should seek advice from the Auckland Regional Council about whether consent is required for these activities.

Rule 18.9.1 Activities relating to this Chapter

Activities relating to this Chapter

Rule 18.9.1.1



Table 1

Table 1: Earthworks, Wetland Modification and Importation and Deposition of Urban Cleanfill

Activities relating to earthworks, wetland modification and the importation and deposition of urban cleanfill shall comply with the following:

- (a) All Permitted Activities in Activity Table 1 shall comply with Rule 18.10 Development Controls, and any other relevant Rule in the District Plan, including Activity Table 2.
- (b) All Restricted Discretionary Activities in Activity Table 1 shall comply with Rule 18.10 Development Controls (unless expressly stated that it does not comply with Rule 18.10 within Activity Table 1). All Restricted Discretionary Activities shall be assessed against those matters over which discretion is retained, as set out in Rule 18.12. [\[Amendment 167\]](#)
- (c) All Discretionary Activities in Activity Table 1 will be assessed against the criteria set out in 18.13 Discretionary Activities: Assessment Criteria, and the relevant matters set out in section 104 of the Act.

Rule 18.9.1.2

Table 2

Table 2: Urban Vegetation Protection and Removal

Activities relating to urban vegetation protection and removal shall comply with the following:

- (a) All Permitted Activities in Activity Table 2 shall comply with any other relevant Rule in the District Plan.
- (b) All Restricted Discretionary Activities in Table 2 shall be assessed against those matters over which discretion is retained, as set out in Rule 18.12.

Rule 18.9.1.3

Any activity not listed in Activity Tables 1 or 2 is a Discretionary Activity and will be assessed against the criteria set out in 18.13 Discretionary Activities: Assessment Criteria.

Rule 18.9.1.4

For clarification, reference in the Rules to **volumes** is the sum of cut volume plus fill volume on the site during any 12 month period. Reference to areas has a corresponding meaning. All volumes are expressed in **solid measure**.

Rule 18.9.1.5

For earthworks and vegetation removal in the Rural Zones refer to *Chapter 7 - Rural*, and in the Inland Waters Zones refer to *Chapter 11 - Inland Waters*.

**Rule 18.9.2
Activity Table 1**

**Activity Table 1
Earthworks, Modification of Wetlands and Importation and Deposition of Urban Cleanfill**

In the following table:

- P** = Permitted Activity
- RD** = Restricted Discretionary Activity
- D** = Discretionary Activity

Notes: 1. Words in capitals are defined in *Chapter 3 - Definitions*



2. All volumes expressed in solid measure.
3. For the purposes of Table 1, Urban Zones refers to Residential, Business, Future Development Zones, Open Space Zones, the Special 19 Zone, the Special 29 Zone, the Special 31 Zone and the Special 33 Zone.
[Amendment 127] [Amendment 158]

ACTIVITY	ZONE
	All Urban, Open Space Zones and Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area), 25, 26, 29, 31, 33 & 35 [Amendment 63] [Amendment 127] [Amendment 158] [Amendment 123]
Any activity not listed in Table 1	D
EARTHWORKS	
EARTHWORKS less than or equal to a total volume of 5m ³ (excavation plus deposition) and/ or an area of 25m ² (excavation plus deposition)	P
EARTHWORKS greater than a total volume of 5m ³ but less than or equal to 200m ³ (excavation plus deposition) and/or greater than an area of 25m ² but less than or equal to 1000m ² (excavation plus deposition) which comply with Rule 18.10	P
EARTHWORKS greater than a total volume of 5m ³ but less than or equal to 200m ³ (excavation plus deposition) and/or greater than an area of 25m ² but less than or equal to 1000m ² (excavation plus deposition) which do not comply with Rule 18.10	RD
EARTHWORKS greater than a total volume of 200m ³ and/or an area of 1000m ²	RD
URBAN CLEANFILL (see definition in <i>Chapter 3</i>)	
Importation and deposition of URBAN CLEANFILL less than or equal to a total volume of 5m ³	P
Importation and deposition of URBAN CLEANFILL greater than a total volume of 5m ³ and less than or equal to 200m ³ complying with Rule 18.10	P

ACTIVITY	ZONE
	All Urban, Open Space Zones and Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area), 25, 26, 29, 31, 33 & 35 [Amendment 63] [Amendment 127] [Amendment 158] [Amendment 123]
Importation and deposition of URBAN CLEANFILL greater than 5m ³ and less than and equal to 200m ³ not complying with Rule 18.10	RD
Deposition of URBAN CLEANFILL material greater than 200m ³	D
WETLANDS	
WETLAND MODIFICATION within a SIGNIFICANT NATURAL AREA (SNA) defined in the planning maps: Up to and including 100m ² Greater than 100m ²	RD D
WETLAND MODIFICATION – The modification of up to and including 150m ² of any WETLAND (not within an SNA as defined in the planning maps) (Note: Consent may also be required for these activities from the Auckland Regional Council, refer to the ‘Important Notice relating to Activity Table’ at Rule 18.9)	P
WETLAND MODIFICATION – The modification of more than 150m ² of any WETLAND (not within an SNA as defined in the planning maps) (Note: Consent may also be required for these activities from the Auckland Regional Council, refer to the ‘Important Notice relating to Activity Table’ at Rule 18.9)	RD
Creation of dust and NOISE	Refer to <i>Chapter 16 – General Rules</i>
Damage or modification to cultural heritage sites	Refer to <i>Chapter 17 – Cultural Heritage</i>



ACTIVITY	ZONE
	All Urban, Open Space Zones and Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area), 25, 26, 29, 31, 33 & 35 [Amendment 63] [Amendment 127] [Amendment 158] [Amendment 123]
EARTHWORKS and VEGETATION REMOVAL in relation to UTILITIES	Refer to <i>Chapter 19 – Utilities</i>
Use and storage of HAZARDOUS SUBSTANCES	Refer to <i>Chapter 20 – Hazardous Substances and Contaminated Sites</i>

Rule 18.9.3
Activity Table 2

Activity Table 2
Urban Vegetation Protection and Removal

In the following table:

- P** = Permitted Activity
RD = Restricted Discretionary Activity
D = Discretionary Activity

Notwithstanding anything in this section/activity table, **trimming** within an **urban environment allotment** is a permitted activity.

In this rule "**trimming**" means: "Minor pruning of the canopy (i.e. excluding the roots) of any tree. Such works shall be limited to no more than 20% of live growth removal in any one year and must be in accordance with currently accepted arboricultural practice, ensuring that the natural form and branch habit of the tree species is retained".

"**Urban environment allotment**" means: "an allotment no greater than 4000m²

- (a) that is connected to a reticulated water supply and a reticulated sewerage system; and
 (b) on which is a building used for industrial or commercial purposes, or a dwellinghouse" and
 (c) that is not a reserve (within the meaning of section 2(1) of the Reserves Act 1977) or subject to a conservation management plan or conservation management strategy prepared in accordance with the Conservation Act 1987 or the Reserves Act 1977.



- Notes:
1. Words in capitals are defined in *Chapter 3 - Definitions*
 2. For the purpose of Table 2, Urban Zones refers to all Residential, Business, Future Development Zones, Open Space Zones, the Special 19 Zone, the Special 29 Zone, the Special 31 zone, the Special 33 Zone, the Special 25, Special 26 and the Special 35 (Hibiscus Coast Gateway) Zone. [\[Amendment 158\]](#)
[\[Amendment 127\]](#) [\[Amendment 123\]](#)

ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> • Open Space Zones. • Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] • All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> • Landscape Protection Zone. • The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach AND areas defined as Significant Natural Areas (SNA) on the planning maps
Any activity not listed in Table 2	D	D
Any regular pruning or maintenance of any TREE using short-handled hand-operated secateurs	P	P
Removal of TREES and vegetation that are dead	P	P
Removal or pruning of TREES authorised by any statute or delegated legislation which may conflict with this part of the Plan, and to which the District Plan is subordinate	P	P



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
Cutting, damaging or removal of any TREE listed as a plant pest within the Auckland Regional Plant Pest Management Strategy or the National Pest Plant Accord (but excluding Research Organisms) which is not listed as a notable TREE in Appendix 18A or historic TREE in Appendix 17C of the District Plan; provided that this activity is undertaken without the cutting, damaging or removal of any protected TREE.	P	P
Cutting, damaging or removal of any TREE listed as a National Surveillance Plant Pest under the Biosecurity Act 1993	P	P
<p>The cutting, damaging or removal of any native trees or vegetation up to and including 3m in height located:</p> <p>Up to and including 10m from a cliff or where there is no cliff, from Mean High Water Springs (MHWS)</p> <p>Greater than 10m and up to 200m from a cliff or where there is no cliff, from MHWS</p>	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"*, where a permitted status applies.</p> <p>*(see definition of "urban environment allotment " at 18.9.3 at beginning of Activity Table 2)</p> <p>P</p>	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"*, where a permitted status applies.*</p> <p>*(see definition of "urban environment allotment " at 18.9.3 at beginning of Activity Table 2)</p> <p>P</p>



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
The cutting, damaging or removal of any TREES (native and exotic species) greater than 6m in height (unless identified as exempt in accordance with the lists below):	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies.</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p> <p>[Amendment 169]</p>	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies.</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p>
<ul style="list-style-type: none"> EXEMPTIONS: The cutting, damaging or removal of the following plants or TREES On All Sites which are not listed as notable TREES in Appendix 18A or historic TREES in Appendix 17C of the District Plan; provided that this activity is undertaken without the cutting, damaging or removal of any protected TREE. 	P	P
(i) <i>Acacia dealbata</i> (silver wattle)		
(ii) <i>Acacia longifolia</i> (Sydney golden wattle)		
(iii) <i>Acacia mearnsii</i> (black wattle)		

ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
(iv) <i>Eriobotrya japonica</i> (Loquat)		
(v) <i>Hakea globosa</i> (downy hakea)		
(vi) <i>Hakea salicifolia</i> (willow-leaved hakea)		
(vii) <i>Hakea sericea</i> (prickly hakea)		
(viii) <i>Lupinus arboreus</i> (tree lupin)		
(ix) <i>Olea europaea</i> subsp. <i>cuspidata</i> (African olive)		
(x) <i>Pinus pinaster</i> (maritime pine, pinaster pine)		
(xi) <i>Pinus radiata</i> (radiata pine, Monterey pine)		
(xii) <i>Populus alba</i> (white poplar)		
(xiii) <i>Prunus campanulata</i> (Taiwan cherry)		
(xiv) <i>Salix</i> spp. All <i>Salix</i> species (willows)		



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
<ul style="list-style-type: none"> The cutting, damaging or removal of the following plants or TREES On Sites of Less Than 1013m² in area which are not listed as notable TREES in Appendix 18A or historic TREES in Appendix 17C of the District Plan; provided that this activity is undertaken without the cutting, damaging or removal of any protected TREE. <p>(i) <i>Casuarina spp.</i> All Casuarina species (She-Oaks)</p> <p>(ii) <i>Cupressus macrocarpa</i> (macrocarpa)</p> <p>(iii) <i>Cupressus lusitanica</i> (Mexican cypress, Bentham cypress)</p> <p>(iv) <i>Cupressocyparis leylandii</i> (Leyland cypress)</p> <p>(v) <i>Grevillea robusta</i> (silky oak)</p>	P	P
<p>(vi) <i>Erythrina x sykesii</i> (Indian coral tree - often incorrectly referred to as 'flame tree')</p>		



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach AND areas defined as Significant Natural Areas (SNA) on the planning maps
<p>(vii) The following Eucalypts (<i>Eucalyptus</i> or <i>Corymbia</i>):</p> <ul style="list-style-type: none"> a. <i>E. bicostata</i> (Tasmanian Blue / Southern Blue Gum), b. <i>E. botryoides</i> (Bangalay), c. <i>E. cinerea</i> (Silver Dollar) d. <i>E. fastigata</i> (Brown Barrel) e. <i>E. globulus</i> (Blue Gum) f. <i>E. grandis</i> (Rose Gum) g. <i>E. macarthurii</i> (Paddy's River Box) h. <i>E. nicholii</i> (Narrow Leaf Black Peppermint) i. <i>E. nitens</i> (Shining Gum) j. <i>E. obliqua</i> (Australian Oak) k. <i>E. ovata</i> (Swamp Gum) l. <i>E. robusta</i> (Swamp Mahogany) m. <i>E. saligna</i> (Sydney Bluegum) n. <i>E. viminalis</i> (Manna Gum) <p>(viii) All <i>Populus</i> spp. – All <i>Populus</i> Species (Poplars)</p>	P	P
The cutting, damaging or removal of exotic trees up to 6m in height not listed as notable trees in Appendix 18A or historic trees listed in Appendix 17C	P	P



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> • Open Space Zones. • Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] • All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> • Landscape Protection Zone. • The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
The cutting, damaging or removal of any vegetation less than or equal to 25m ² in area	P	P
The cutting, damaging or removal of any vegetation greater than 25m ² but less than or equal to 250m ² in area complying with Rule 18.10 provided this is the maximum area cut damaged or destroyed on the site after 28 November 2000.	P	<p>RD</p> <p>Except on sites which meet the definition of "urban environment"* where a permitted activity status applies.</p> <p>*(see definition of "urban environment allotment " at 18.9.3 at beginning of Activity Table 2)</p>



ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
The cutting, damaging or removal of any vegetation greater than 25m ² in but less than or equal to 250m ² area not complying with Rule 18.10.	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p>	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies.</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p>
The cutting, damaging or removal of any vegetation greater than 250m ²	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p>	<p>RD</p> <p>Except on sites which meet the definition of "urban environment allotment"* where a permitted activity status applies.</p> <p>*(see definition of "urban environment allotment" at 18.9.3 at beginning of Activity Table 2)</p>

ACTIVITY	ZONE/POLICY AREA	
	<ul style="list-style-type: none"> Open Space Zones. Special Zones 1, 2, 3, 4, 5, 6, 7, 9, 12, 14, 19, 20, 21, 22 (excluding the Omaha Flats Rural Policy Area) 29, 31 and 33. [Amendment 63] [Amendment 158] [Amendment 127] [Amendment 137] All Urban Zones (except Landscape Protection Zone and the following areas zoned Residential Medium Intensity - Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach) EXCEPT within a Significant Natural Area (SNA) shown on the planning maps 	<ul style="list-style-type: none"> Landscape Protection Zone. The following areas zoned Residential Medium Intensity Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach <p>AND areas defined as Significant Natural Areas (SNA) on the planning maps</p>
The cutting, damaging or removal of any notable TREES listed in Appendix 18A or historic TREES listed in Appendix 17C	RD	RD
TREE trimming and removal for existing UTILITIES	Refer to Chapter 19 – <i>Utilities</i> Rule 19.8.6	

Rule 18.10

Rule 18.10.1 Avoidance of Soil Erosion

DEVELOPMENT CONTROLS

Avoidance of Soil Erosion

- (a) Soil erosion as a result of earthworks, vegetation removal or importation and deposition of fill, shall be **minimised** and silt discharge shall be **controlled** so as to be retained on site, through the use of a combination of one or more of the following techniques:
 - (i) runoff control measures, including contour drains, earth bunds or similar, which control and direct runoff to sediment ponds or stormwater outlets, and limit the accumulation of volumes of water with erosive potential;



- (ii) sediment retention ponds;
- (iii) silt fences and hay bales along the lower boundary of the earthworks or vegetation clearance;
- (iv) stormwater inlet protection, including filter cloth, gravel or securely staked haybales at all inlets directly affected by the earthworks;
- (v) retention of grassed buffer strips along waterways or boundaries at the lowest end of the property.
- (vi) recognised methods or techniques, as appropriate in the circumstance, provided in publications either by the Council or the Auckland Regional Council.

- (b) The earthworks area shall be revegetated or otherwise protected from wind and water erosion, as soon as is practicable or within 2 months of earthworks completion. Surface stabilisation techniques such as regrassing, hydroseeding, tree replanting, metalled hardstand, or building erection shall be used.

Explanation and Reasons

Sediment runoff from development can be minimised through a number of techniques, depending on the size of the site and the slope. Appropriate techniques should be used to retain sediment on site, based on the site size. Retaining vegetation as buffer strips on lower site boundaries, as well as revegetating or otherwise protecting sites from wind and water erosion as soon as practicable is important to minimise sediment loss off-site.

Acceptable methods or techniques, as appropriate in the circumstances, are provided in publications by the Council or the Auckland Regional Council.

**Rule 18.10.2
Earthworks, Vegetation
Removal, Importation of
Urban Cleanfill**

**Earthworks, Vegetation Removal, Importation and Deposition of
Urban Cleanfill**

Earthworks, vegetation removal, and importation and deposition of urban cleanfill shall:

- (a) not be located within:
 - (i) an overland flow path identified in a Catchment Management Plan; or
 - (ii) an area prone to instability or erosion, or an area identified in the Land Information Register or in a site specific geotechnical report as prone to instability unless it can be clearly demonstrated by an appropriately qualified chartered engineer, that the works shall not be carried out in a manner that would exacerbate instability.
 - (iii) an area prone to erosion or flooding or an area identified in the Land Information Register or in a site-specific geotechnical report as prone to erosion or flooding; unless it can be clearly demonstrated by a person qualified and experienced in the relevant discipline, that the works shall not be carried out in a manner that would exacerbate erosion or flooding.
- (b) not be located:
 - (i) within 10 metres of a stream or river less than 3 metres wide;



- (ii) within 20 metres of a stream or river greater than or equal to 3 metres wide;
- (iii) within 10 metres of a wetland, lake or mean high water springs.

Explanation and Reasons

Earthworks and vegetation removal can cause or exacerbate instability, erosion or flooding, unless undertaken appropriately. The deposition of fill in areas prone to flooding or across overland flow paths, can cause water to bank up, resulting in on-site and upstream flooding. This Rule seeks to restrict these activities where natural hazards are potentially initiated or exacerbated.

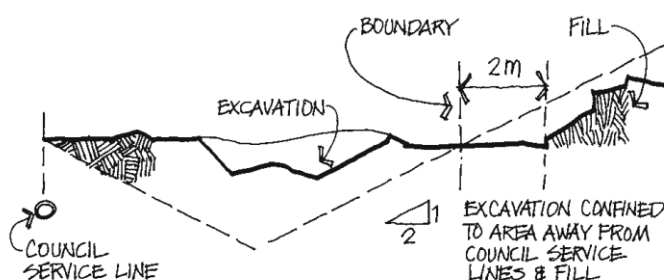
Earthworks, vegetation removal and the deposition of fill in close proximity to waterbodies or coastal areas, can result in high levels of sediment directly entering the water, affecting water quality and potentially causing or exacerbating flooding. Therefore, this Rule seeks to restrict these activities adjacent to waterbodies or coastal areas.

Rule 18.10.3 Earthworks and Unretained Filling

Excavations and Unretained Filling

Earthworks shall not involve unretained filling within 2 metres of a site boundary, or excavation or filling that intercepts a line drawn at 1 vertical to 2 horizontal from the ground level at a site boundary (excluding excavations up to 900mm in depth for building foundations outside of any yard), or excavation that intercepts a line drawn at 1 vertical to 2 horizontal from the ground level above a Council service line as shown in Figure One. [\[Amendment 167\]](#)

Figure One



Explanation and Reasons

Excavations which are large or too close to neighbouring boundaries can initiate or exacerbate instability or have adverse effects on neighbouring properties' visual amenities. Excavations can also result in damage or destruction to service lines. Therefore this Rule seeks to restrict excavations which could impact on neighbouring properties or service lines.

18.10.4 Rules in Other Chapters of the Plan

Rules in Other Chapters of the Plan



Relevant Rules in other Chapters of the Plan shall also be complied with:

Chapter 16 - General Rules

Chapter 17 - Cultural Heritage

Chapter 19 - Utilities

Chapter 20 - Hazardous Substances and Contaminated Sites

Chapter 21 - Transportation and Access

Rule 18.11

CONTROLLED ACTIVITIES: MATTERS FOR CONTROL AND ASSESSMENT CRITERIA

There are no Controlled Activities in this chapter.

Rule 18.12

RESTRICTED DISCRETIONARY ACTIVITIES: MATTERS FOR DISCRETION

In accordance with sections 76(3B) and 105(3A) of the Act, the Council will restrict its discretion to the matters listed against each specific activity, when considering Restricted Discretionary Activity resource consent applications.

Rule
18.12.1
**Earthworks Greater than a
Volume of 5m³**

Earthworks greater than a total volume of 5m³ but less than or equal to 200m³ (excavation plus deposition) and/or greater than an area of 25m² but less than or equal to 1000m² (excavation plus deposition), not complying with Rule 18.10

Rule
18.12.1.1
Matters for Discretion

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Scale, location and visibility of the earthworks, vegetation removal and importation and deposition of urban cleanfill.
- (b) Stormwater and overland flows.
- (c) Erosion or instability.
- (d) Noise and dust.
- (e) Traffic movements.



18.12.1.2

Assessment Criteria

Erosion/sediment control measures

Site function

Stability

Stormwater and overland flows

Roading and neighbourhood

Stormwater systems

Geological sites

Water quality

Vegetation removal

Noise and dust

- (f) Duration of works.
- (g) Methods for avoiding, remedying or mitigating the movement of sediment off site, and the implementation of these methods.
- (h) Timing of works.

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

- (a) Whether the sediment/erosion control techniques are adequate to ensure that sediment remains on site.
- (b) Whether the earthworks and vegetative removal are necessary to allow for the proper functioning of the dominant activity on the site.
- (c) Whether the earthworks and vegetation removal will adversely affect the stability of the site or neighbouring sites.
- (d) Whether the earthworks will adversely affect stormwater and overland flows, especially those identified in the Council's stormwater and catchment management plans, and create adverse effects on and off site, including:
 - (i) increased flooding in the catchment;
 - (ii) increased erosion of freshwater flow paths and estuary channels.
- (e) Whether the movement of soil or material to or from the site will affect the surrounding roads and neighbourhood through the deposition of sediment, particularly where access to the site is gained through residential areas.
- (f) Whether water containing sediment or contaminants will enter stormwater pipes, drains, channels or soakage systems, or flow onto the road from bare ground on the site, during rainstorms.
- (g) Whether the earthworks will adversely affect landforms of geological significance as listed in Appendix 6A.
- (h) Whether the water quality or mauri (life supporting capacity) of water will be adversely affected by sediment runoff from the site.
- (i) Whether the vegetation proposed to be removed forms part of an ecological corridor, is adjacent to a watercourse and could act as a filter for sediment and water runoff, is highly valued (such as a Significant Natural Area), is mature, or could minimise erosion on the site, and whether there are proposed measures to replant.
- (j) Whether the activity will generate noise and dust effects which could detract from the amenity values of the adjacent area.



Visual quality and amenity values	(k) Whether the scale and location of cuts and fills will adversely affect the visual quality and amenity values of the landscape; the natural landform of any ridgeline or visually prominent areas; the visual amenity values of adjoining sites, and will take into account the sensitivity of the landscape.
Cultural heritage values	(l) Whether the works will have an adverse effect on any cultural heritage resources.
Service lines	(m) Whether the earthwork activity will adversely affect Council and/or other service lines.
Traffic	(n) Whether the traffic generated will adversely affect the safe and efficient operation of the road network and the amenity values of adjoining sites.
Duration	(o) Whether the earthworks will be completed in a short period, reducing the duration of any adverse effects.
Timing	(p) Whether the timing of the earthworks will avoid the wettest seasons, when erosion and sediment runoff is the highest.
Health	(q) Whether the activity will adversely affect public health.

Explanation and Reasons

Assessing earthwork and vegetation removal allows the Council to impose conditions to ensure that the potential adverse effects of sediment runoff and increased stormwater runoff, on neighbouring properties and on receiving environments, are minimised; and to ensure that appropriate mitigation measures are installed. Earthworks can cause instability, result in the modification or destruction of geologically significant sites, or damage services lines. They may also adversely affect cultural heritage and landscape and amenity values, through the removal of vegetation, dust and noise. The scale, location and visibility of earthworks can adversely affect landscapes, especially those of high value. Earthworks on ridgelines and visually prominent areas are particularly noticeable. There are however, mitigation measures, such as the screening of earthworks or the planting of vegetation, or the moulding of the earthworks to soften the cut, which can reduce the landscape effects. These criteria seek to ensure that such factors are taken into account, when dealing with an application for earthworks.

Rule
18.12.2
**Earthworks greater than
200m³ and /or 1000m²**

Earthworks greater than 200m³ and /or 1000m²

See Matters for Discretion and Assessment Criteria 18.12.1, 18.12.4, 18.12.6 and 18.12.8

Rule
18.12.3
**Importation and
Deposition of Urban
Cleanfill**

Importation and Deposition of Urban Cleanfill Greater than a Total Volume of 5m³ and Less than or Equal to 200m³ Not Complying With Rule 18.10



Rule
18.12.4
Modification of Wetlands

Rule
18.12.4.1
Matters for Discretion

18.12.4.2
Assessment Criteria

Erosion

Flooding

Water quality, habitat value and sensitivity

Ecological significance

See the Matters for Discretion and Assessment Criteria in Rule 18.12.1.

Modification of Any Wetland Located within an SNA, Modification of More Than 150m² of any Wetland not identified as SNA in Planning Maps

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Scale, location and visibility of the earthworks, vegetation removal and importation and deposition of urban cleanfill, relating to the modification of the wetland.
- (b) Stormwater and overland flows.
- (c) Erosion or instability.
- (d) Noise and dust.
- (e) Traffic movements.
- (f) Duration of works.
- (g) Methods for avoiding, remedying or mitigating the movement of sediment off site, and the implementation of these methods.
- (h) Timing of works.

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

- (a) Whether the scale or location of the earthworks will result in erosion of the stream or river bank, or lake or coastal edge, or otherwise increase the movement of sediment into any waterbody.
- (b) Whether the earthworks or vegetation removal will initiate or exacerbate flooding.
- (c) Whether the scale or location of the earthworks will adversely affect the water quality, mauri (life supporting capacity) and the habitat value of watercourses, wetlands, estuaries or coastal waters.
- (d) Whether the scale or location of the earthworks will adversely affect an ecologically significant waterbody or significant habitat, or an ecological corridor, or threatened plants or animals.



Habitat values

(e) Whether the timing of the earthworks and vegetation removal will adversely affect the life cycles of any animal which use the wetlands and waterbodies as habitats.

Significant Natural Areas

(f) Whether the works proposed in an area identified as a Significant Natural Area defined on the Planning Maps are undertaken in such a manner and at such times as to have no adverse effect, or minimum adverse effect, on the ecology and wildlife of the area and in particular, where relevant:

- (i) nesting, feeding and breeding of species;
- (ii) biological processes;
- (iii) connections between ecosystems;
- (iv) the diversity of species;
- (v) the habitat of threatened or protected species, both terrestrial and aquatic;
- (vi) cumulative effects.

Landscape and amenity values

(g) Whether the scale and extent of the earthworks and vegetation removal in or adjacent to waterbodies will adversely affect the landscape and amenity values of the area.

Cultural Heritage

(h) Whether the works will have an adverse effect on any cultural heritage resource.

Health

- (i) Whether the activity will adversely affect public health,
- (j) Also see the Assessment Criteria in section 18.12.1.2.

Explanation and Reasons

Earthworks adjacent to, or within waterbodies and wetlands can affect the quality of the water and the habitat through increased sediment runoff. By removing vegetation adjacent to waterways and wetlands, the rate of erosion of the edges of waterbodies will increase. Vegetation adjacent to waterbodies also acts as a buffer, filtering out pollutants before they enter waterbodies, as well as reducing the rate of flow of overland water. In many instances wetlands and waterbodies play an integral part in the landscape quality and amenity of urban areas.

Assessing earthworks and vegetation removal adjacent to waterbodies, and earthworks which result in the modification of wetlands, allows the Council to impose conditions to ensure that the work is carried out in an environmentally sensitive manner and minimises the impacts on landscapes, on the habitat values and flooding.

It should be noted that a resource consent may also be required from the Auckland Regional Council in relation to modification of wetlands.

**Rule
18.12.5
Avoidance of Soil Erosion**

Avoidance of Soil Erosion

See the Matters for Discretion and Assessment Criteria in Rule 18.12.1



Rule
18.12.6
Earthworks, Vegetation Removal and Importation of Urban Cleanfill Not Located within an Overland Flow Path or Area Prone to Instability, Erosion or Flooding

Rule
18.12.6.1
Matters for Discretion

18.12.6.2
Assessment Criteria

Stability

Stormwater and overland flows

Earthworks, Vegetation Removal and Importation and Deposition of Urban Cleanfill Not Located within:

- (i) An Overland Flow Path Identified in a Catchment Management Plan; or
- (ii) An Area Prone to Instability, Erosion or Flooding, or an area identified on the Land Information Register or a site specific Geotechnical Report as prone to instability and erosion or flooding (ie. not complying with Rule 18.10.2(a))

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Scale and location of the earthworks, vegetation removal, and importation and deposition of urban cleanfill.
- (b) Stormwater and overland flows.
- (c) Erosion and stability.
- (d) Noise and dust.
- (e) Traffic movements.
- (f) Duration of works.
- (g) Methods for avoiding, remedying or mitigating the movement of sediment off-site and natural hazards, and the implementation of these methods.
- (h) Timing of works.

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

- (a) Whether the earthworks and vegetation removal will adversely affect the stability of the site or neighbouring sites, or initiate or exacerbate erosion.
- (b) Whether the earthworks and vegetation removal will increase stormwater or overland flows or block overland flow paths, and whether this will have an adverse effect on off-site and on-site flooding.
- (c) Also see the Assessment Criteria in section 18.12.1.2.

Explanation and Reason

Earthworks can adversely affect the stability of a site, as well as changing overland and stormwater flows. Earthworks which modify wetlands or waterbodies can also adversely affect flooding. This criterion seeks to ensure that the potential adverse effects of earthworks on stability and flooding are avoided.



Rule
18.12.7
Earthworks, Vegetation Removal, and Importation and Deposition of Urban Cleanfill Adjacent to Waterbodies

Earthworks, Vegetation Removal, and Importation and Deposition of Urban Cleanfill Within 10 Metres of a Permanently Running Stream or River Less than 3 Metres Wide, Within 20 Metres of Stream or River Greater than 3 Metres Wide, and Within 10 Metres of a Wetland, Lake or Mean High Water Springs (ie. not complying with Rule 18.10.2(b))

See the Matters for Discretion and Assessment Criteria in Rule 18.12.4.

Rule
18.12.8
Earthworks, Vegetation Removal, and Importation and Deposition of Urban Cleanfill Involving Unretained Fill

Earthworks, Vegetation Removal, and Importation and Deposition of Urban Cleanfill Involving Unretained Filling Within 2 Metres of a Site Boundary, or Excavation or filling that Intercepts a Line Drawn at 1 Vertical to 2 Horizontal From the Ground Level at a Site Boundary, or Excavation that Intercepts a Line Drawn at 1 Vertical to 2 Horizontal from the Ground Level Above a Council Service Line (ie. not complying with Rule 18.10.3)

Rule
18.12.8.1
Matters for Discretion

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Scale and location of earthworks, vegetation removal, and importation and deposition of urban cleanfill.
- (b) Timing of works.

18.12.8.2
Assessment Criteria

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

Neighbouring property

- (a) Whether the works have an adverse effect on a neighbouring property, including visual effect, and will result in the excavation crossing the boundary.

Instability

- (b) Whether the works will initiate or exacerbate instability on or off site, and whether measures are proposed to avoid or mitigate these effects.

Service lines

- (c) Whether the works will damage or destroy Council and/or other service lines, and whether measures are proposed to avoid or mitigate this damage or destruction.

Health

- (d) Whether the activity will adversely affect public health.



Earthworks within the Special 29 Zone

- (e) Whether earthworks are consistent with the Urban Design Guidelines in Appendix 12Y of Chapter 12 – *Special Zones* – particularly with regard to the retention of those identified watercourses linking the Huapai Reserve with the Kumeu River and Coopers Creek and avoidance of significant land modification and vegetation removal where these add to the character of the area.

[\[Amendment 127\]](#)

Explanation and Reasons

Excavations and earthworks can have an adverse effect on neighbouring properties by creating instability and affecting visual and amenity values, especially if the cut is large or too close to a neighbouring property. They can also result in damage to service lines. These assessment criteria seek to ensure that these adverse effects are minimised or avoided.

Rule

18.12.9

The Cutting, Damaging or Removal of any Native Tree less than 3m in height within 10 m of a Cliff or within 10m of Mean High Water Springs

The Cutting, Damaging or Removal of any Native Tree less than 3m in height within 10 m of a Cliff or within 10m of Mean High Water Springs

See the Matters for Discretion and Assessment Criteria in Rule 18.12.10

Rule

8.12.10

The Cutting, Damaging or Removal of Any Native Tree Greater than 3Metres in Height within 200 Metres of MHWS

The Cutting, Damaging or Removal of Any Native Tree Greater than 3Metres in Height within 200 Metres of Mean High Water Springs (MHWS)

Rule 18.12.10.1

Matters for Discretion

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Pruning or removal of the tree.
- (b) Condition and safety of the tree.
- (c) Location of the tree to be removed.
- (d) The ecological values of the tree to be removed and the values of the vegetation or ecosystem of which it is a part.
- (e) Siting of building or works.



18.12.10.2

Assessment Criteria

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

Safety

- (a) Whether the condition of the tree is such that it will endanger life or property on the site.

Alternative mechanisms

- (b) Whether alternative remedial mechanisms are available, so that removal or cutting of the tree does not need to occur.

Landscape and amenity values

- (c) Whether the removal of the tree will adversely impact on the amenity and landscape values of the neighbourhood.

Erosion/instability

- (d) Whether the removal of the tree will initiate or exacerbate erosion or instability, especially within 200 metres of mean high water springs (MHWS).

Flooding

- (e) Whether the removal of tree will initiate or exacerbate flooding.

Wildlife habitat

- (f) Whether the removal of the tree will result in the loss of significant wildlife habitat.

Alternative siting

- (g) Whether the development or earthworks which threaten the tree could be undertaken elsewhere on the site, so that effects on the tree are avoided or minimised.

Alternative planting

- (h) Whether appropriate alternative plantings or remedial measures are proposed.

Health

- (i) Whether circumstances exist, concerning the health of the tree, including diseased or damaged conditions, that warrant the tree's removal.

Significant Natural Areas

- (j) Whether the works proposed in an area identified as a Significant Natural Area defined on the Planning Maps are undertaken in such a manner and at such times as to have no adverse effect, or minimum adverse effect, on the ecology and wildlife of the area and in particular where relevant:

- (i) nesting, feeding and breeding of species;
- (ii) ecological processes;
- (iii) connections between ecosystems;
- (iv) the diversity of species;
- (v) the habitat of threatened or protected species both terrestrial and aquatic;
- (vi) cumulative effects



Rule
18.12.11
The Cutting, Damaging or Removal of Any Native Tree Greater than 3 Metres in Height and Less than or Equal to 6 Metres in Height unless within specified areas

The Cutting, Damaging or Removal of Any Native Tree Greater than 3 Metres in Height and Less than or Equal to 6 Metres in Height (unless within 200 metres of MHWS) within the Landscape Protection Zone and the following areas zoned Residential Medium Intensity: Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach or from areas defined as Significant Natural Areas (SNA) on the planning maps

Rule
18.12.11.1
Matters for Discretion

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Pruning or removal of the tree.
- (b) Condition and safety of the tree.
- (c) Location of the tree to be removed.
- (d) The ecological values of the tree to be removed and the values of the vegetation or ecosystem of which it is a part.
- (e) Siting of building or works.

18.12.11.2
Assessment Criteria

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

High landscape values

- (a) Whether the removal of the tree will adversely affect the high landscape values of the Landscape Protection Zone and the following areas zoned Residential Medium Intensity: Muriwai, Baddeleys Beach, Buckletons Bay and Campbells Beach.

Significant wildlife values

- (b) Whether the wildlife values of the area are significant, and whether the removal of the tree will adversely affect these values, especially during the breeding and nesting season.
- (c) Also see the Assessment Criteria in Rule 18.12.10.2.

Rule
18.12.12
The Cutting, Damaging or Removal of Any Native or Exotic Tree Greater than 6 Metres in Height

The Cutting, Damaging or Removal of Any Native or Exotic Tree Greater than 6 Metres in Height

See the Matters for Discretion and Assessment Criteria in Rule 18.12.10.1.



**Rule 18.12.13
The Cutting, Damaging or
Removal of Any Native
Vegetation Greater than
25m² in Area**

**The Cutting, Damaging or Removal of Any Native Vegetation
Greater than 25m² in Area**

See the Matters for Discretion and Assessment Criteria in Rules 18.12.1, 18.12.6 and 18.12.10.

**Rule 18.12.14
The Cutting, Damaging or
Removal of Any Notable
Trees**

**The Cutting, Damaging or Removal of Any Notable Trees Listed in
Appendix 18A or Historic Trees Listed in Appendix 17C**

**Rule 18.12.14.1
Matters for Discretion**

Matters for Discretion

The Council will restrict its discretion to the following matters:

- (a) Removal of the tree.
- (b) Condition and safety of the tree.
- (c) Location of the tree to be removed.
- (d) Siting of building works.

**18.12.14.2
Assessment Criteria**

Assessment Criteria

When considering an application the Council will have regard to the following criteria:

Safety

- (a) Whether the condition of the tree is such that it will endanger life or property on the site.

Alternative mechanisms

- (b) Whether alternative remedial mechanisms are available, so that the removal or pruning of the tree does not need to occur.

Significance of the tree(s)

- (c) Whether the removal of the tree will result in the loss of amenity and landscape values for the neighbourhood, or result in a wider community loss because of the siting of the tree, its context, its landscape prominence, scientific significance, rarity or historic significance.

Alternative siting

- (d) Whether the works which threaten the tree could be undertaken elsewhere on the site, so that effects on the tree are avoided or minimised.

Alternative planting

- (e) Whether appropriate alternative planting or remedial measures are proposed to replace the tree.



18.13

DISCRETIONARY ACTIVITIES: ASSESSMENT CRITERIA

Without limiting the exercise of its discretion, for all Discretionary Activity resource consent applications the Council will have regard to the following Assessment Criteria, any relevant Discretionary Activity Assessment Criteria in any other Chapter of this Plan, and the relevant matters set out in section 104 of the Act:

18.13.1 All Discretionary Activities

All Discretionary Activities

See Assessment Criteria 18.12.1.2, 18.12.4.2, 18.12.6.2, 18.12.8.2 and 18.12.10.2.

18.13.2 Importation and Deposition of Urban Cleanfill Material

Importation and Deposition of Urban Cleanfill Material Greater than or Equal to 200m³

Sediment control measures

(a) Whether sediment/erosion control techniques are in place and are adequate to ensure that sediment remains on site.

Health and Safety

(b) Whether the type of fill material used will adversely affect the health or safety of people using the site or neighbouring areas.

Noise and dust

(c) Whether the activity will generate noise and dust effects which could detract from the amenity values of the adjacent area.

Visual amenity values

(d) Whether the activity will have an adverse effect on the visual amenity values of adjoining sites.

Traffic

(e) Whether the traffic generated will adversely affect the safe and efficient operation of the road network, and the amenity values of adjoining sites.

Cultural heritage

(f) Whether the activity will have an adverse effect on any cultural heritage resources of the area.

Stability and flooding

(g) Whether the urban cleanfill will adversely affect the stability of the site or neighbouring sites, or initiate or exacerbate flooding.

Explanation and Reasons

The type of material deposited on a site can have an adverse effect on human and animal health, if it is a material which is hazardous. Also, if the material has a large particle size, or contains demolition material, it can result in an unstable area or result in subsidence. As vegetation decays, it too can result in the land subsiding.

The noise of transporting fill onto the site can adversely affect the amenity of an area. Traffic movement of vehicles bringing in fill can affect the safe and efficient operation of the roading network. Therefore, these factors need to be considered.



APPENDIX 18A

SCHEDULE OF NOTABLE TREES

No.	Tree Species	Number of Trees	Address	Legal Description
T 001 - T 005	Not Allocated			
T 006	Norfolk Pine	2	494A Hibiscus Coast Highway Orewa	Lot 5 DP 171150
T 007	Norfolk Pine	1	496/unit 2 Hibiscus Coast Highway Orewa	Lot 6 DP 171150
T 008	Norfolk Pine	4	464 to 466 Hibiscus Coast Highway Orewa	Lot 1 DP 157843
T 009	Norfolk Pine	2	464 to 466 Hibiscus Coast Highway Orewa	Lot 1 DP 157843
T 010 - T 011	Not Allocated			
T 012	Norfolk Pine	1	4A Milton Road Orewa	Lot 69 Flat 1 DP 103358
T 013	Norfolk Pine	1	4B Milton Road Orewa	Lot 69 Flat 2 DP 103358
T 014	Flowering Gum	1	13 Centreway Road Orewa	Lot 74 SO22803 Flat 1 DP 158751
T 015	Norfolk Pine	2	10 Marine Parade Orewa	Lot 6 DP 12795
T 016	Norfolk Pine	2	463 Hibiscus Coast Highway Orewa	Lot 3 DP 44822
T 017	Norfolk Pine	1	351 Hibiscus Coast Highway Orewa	Pt Lot 36 DP 12795
T 018	Norfolk Pine	1	384 Hibiscus Coast Highway Orewa	Lot 130 DP 12795
T 019 - T 020	Not Allocated			
T 021	Norfolk Pine	2	289 Hibiscus Coast Highway Orewa	Pt Lot 16 DP 20781



No.	Tree Species	Number of Trees	Address	Legal Description
T 022	Norfolk Pine	1	295 Hibiscus Coast Highway Orewa	Pt Lot 13 DP 20781
T 023 - 24	Not Allocated			
T 025	Norfolk Pine	1	397 Hibiscus Coast Highway Orewa	Pt Lot 21 DP 12795, Pt Lot 67 DP 12795
T 026	Norfolk Pine	1	371A Hibiscus Coast Highway Orewa	Lot 30 DP 12795
T 027	Norfolk Pine	1	355 Hibiscus Coast Highway Orewa	Pt Lot 81 DP 12795, Lot 35 DP 12795
T 028	Norfolk Pine	1	293 Hibiscus Coast Highway Orewa	Pt Lot 14 DP 20781
T 029	Norfolk Pine	1	433 Hibiscus Coast Highway Orewa	Lot 2 DP 169996
T 030	Phoenix Palm	1	19 to 21 Marellen Drive Red Beach	Lot 2 DP 59093
T 031	Norfolk Pine	2	5 (Tennis Court) Marellen Drive Red Beach	Lot 20 DP 39719
T 032	Mexican Fan Palm	1	51 Rosario Crescent Red Beach	Lot 92 DP 57962
T 033	Norfolk Pine	2	63 Walton Street Red Beach	Lot 61 DP 19458
T 034 - T 044	Not Allocated			
T 045	Phoenix Palm	1	1 Ngapara Street Red Beach	Lot 1 DP 51873
T 046	Not Allocated			
T 047	Norfolk Pine	2	2 Duncansby Road Stanmore Bay	Lot 4 DP 37285
T 048	Macrocarpa Monterey Cypress	1	149 Centreway Road Orewa	Lot 39 DP 38916



No.	Tree Species	Number of Trees	Address	Legal Description
T 049	English Oak Common Oak	1	5 Stanmore Bay Road Stanmore Bay	Pt Allot S190 Psh of Waiwera
	Italian Cypress Pencil Pine	4	5 Stanmore Bay Road Stanmore Bay	Pt Allot S190 Psh of Waiwera
T 050	Canary Oak	1	5 Stanmore Bay Road Stanmore Bay	Pt Allot S190 Psh of Waiwera
	English Oak Common Oak	1	5 Stanmore Bay Road Stanmore Bay	Pt Allot S190 Psh of Waiwera
T 051 - T 054	Not Allocated			
T 055	Phoenix Palm	3	26 Brixton Road Manly	Lot 385 DP 17817
T 056 - T 062	Not Allocated			
T 063	Lombardy Poplar	3	37 Laurence Street Manly	Lot 9 DP 27688
T 064	Not Allocated			
T 065	Macrocarpa Monterey Cypress	1	77 Laurence Street Manly	Lot 50 DP 11689
T 066 - T 068	Not Allocated			
T 069	Macrocarpa Monterey Cypress	1	16 Spinnaker Point Manly	Lot 11 DP 172853
T 070 - T 077	Not Allocated			
T 078	Macrocarpa Monterey Cypress Radiata Pine Pohutukawa	2 1 1	27 Moreton Drive Manly	Pt Lot 77 DP 11689
T 079	English Oak Common Oak	1	Located in legal road adjacent to 36 Glengarry Ave Manly	Located in legal road
T 080	Not Allocated			
T 081	Lombardy Poplar	1	7 Glengarry Ave Manly	Lot 13 DP 37226



No.	Tree Species	Number of Trees	Address	Legal Description
T 082	Liquidambar	1	11 Glengarry Ave Manly	Lot 7 DP 37226
T 083	Manna Gum	1	2 Ardlui Ave Manly	Lot 15 DP 37226
T 084	English Oak Common Oak	1	31 The Circle Manly	Lot 99 DP 59177
T 085 - T 094	Not Allocated			
T 095	English Oak Common Oak	2	1 Arkles Strand Arkles Bay	Lot 186 DP 21728
T 096	Norfolk Pine	1	39 Arkles Strand Arkles Bay	Lot 168 DP 21728
T 097 - T 099	Not Allocated			
T 100	Pin Oak	1	80 Main Road (S.H.16) Kumeu	Lot 2 DP 176363
T 101	English Oak Common Oak	1	156 Main Road (S.H.16) Kumeu	Lot 3 DP 84630
T 102	Phoenix Palm	6	149 to 151 Parkhurst Road Parakai	Lot 1 DP 10691
T 103	Norfolk Pine	1	155 to 157 Parkhurst Road Parakai	Pt Lot 2 DP 3689
T 104	Phoenix Palm	5	137 to 139 Parkhurst Road Parakai	Pt Lot 2 DP 3689
T 105	Norfolk Pine	2	29L Springs Road Parakai	Flat 12 DP 95517
T 106	Norfolk Pine	1	31 Springs Road Parakai	Lot 6 DP 10179
T 107	Phoenix Palm	1	35 Springs Road Parakai	Lot 7 DP 10179
T 108	Norfolk Pine	1	35 Springs Road Parakai	Lot 7 DP 10179
T 109	Phoenix Palm	8	6 Karaka Street Parakai	Pt Lot 9 DP 20114



No.	Tree Species	Number of Trees	Address	Legal Description
T 110	Norfolk Pine	2	1 Mill Road (S.H.16) Helensville	Lot 1 DP 153151
T 110	Japanese Cedar Sugi	1	1 Mill Road (S.H.16) Helensville	Lot 1 DP 153151
T 110	Southern Magnolia	1	1 Mill Road (S.H.16) Helensville	Lot 1 DP 153151
T 111	Southern Magnolia	1	5 McLeod Street Helensville	Lot 1 DP 42901
T 112 - T 115	Not Allocated			
T 116	English Oak Common Oak	2	13 Karaka Street Helensville	Lot 3 Blk 3 DP 169
T 117 - T 119	Not Allocated			
T 120	English Oak Common Oak	4	36 Rautawhiri Road Helensville	Lot 1 DP 24276
T 121 - T 126	Not Allocated			
T 127	Phoenix Palm	1	34 Garfield Road Helensville	Lot 3 DP 35953
T 128	Southern Magnolia	1	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Tulip Tree	1	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Italian Cypress Pencil Pine	1	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Photinia	1	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Liquidambar	2	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Cedar Deodar Cedar	1	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt
T 128	Pin Oak	2	53 to 61 Commercial Rd (S.H.16) Helensville	Te Rewarewa Pt



No.	Tree Species	Number of Trees	Address	Legal Description
T 129	Not Allocated			
T 130	Cedar Deodar Cedar	1	51 Commercial Rd (S.H.16) Helensville	Lot 2 DP 28569
T 131 - T 132	Not Allocated			
T 133	English Oak Common Oak	1	3 South Ave Kaukapakapa	Lot 3 DP 1526
T 134	English Oak Common Oak	2	4 Peak Road Kaukapakapa	Pt DP 1036 Ararimu Psh Blk XVI
T 135 - T 136	Not Allocated			
T 137	English Oak Common Oak	1	1019 State Highway 16 Kaukapakapa	Lot 1 DP 86755
T 138	Phoenix Palm	2	1036 State Highway 16 Kaukapakapa	Pt Allot 13 Psh Kaukapakapa
T 138	Italian Cypress Pencil Pine Phoenix Palm	1	1036 State Highway 16 Kaukapakapa	Pt Allot 13 Psh Kaukapakapa
T 139 - T 172	Not Allocated			
T 173	Italian Cypress Pencil Pine	1	50 Matakana Valley Road Matakana	Pt Allot 3 PSH of Matakana (CT 597)
T 174 - T 178	Not Allocated			
T 179	Coral Tree	1	10 Hill Street Leigh	Pt Allot 87 Village of Leigh (CT 773)
T 180 - T 182	Not Allocated			
T 183	Norfolk Pine	1	37 Barrier View Road Leigh	Lot 27 DP 49629
T 184 - T 192	Not Allocated			
T 193	Macrocarpa Monterey Cypress	15	10 Ferndale Drive Snells Beach	Lot 6 DP 50681



No.	Tree Species	Number of Trees	Address	Legal Description
T 193	Radiata Pine Monterey Pine	13	10 Ferndale Drive Snells Beach	Lot 6 DP 50681
T 193	Maritime Pine	1	10 Ferndale Drive Snells Beach	Lot 6 DP 50681
T 193	Pine	1	10 Ferndale Drive Snells Beach	Lot 6 DP 50681
T 194 - T 210	Not Allocated			
T 211	English Oak Common Oak	1	91 Willjames Ave Algies Bay	Lots 2 and 3 DP 30486
T 212	English Oak Common Oak	1	91 Willjames Ave Algies Bay	Lots 2 and 3 DP 30486
T 213 - T 214	Not Allocated			
T 215	Phoenix Palm	1	133 Parkhurst Road Parakai	Lot 1 DP 19757
T 216	Phoenix Palm	1	159 to 161 Parkhurst Road Parakai	Pt Lot 2 DP 3689
T 217	Not Allocated			
T 218	Juniper	1	2 McLeod Street Helensville	Lot 1 DP 68827
T 219 - T 221	Not Allocated			
T 222	Southern Magnolia	1	1019 Kaipara Coast Highway (S.H.16) Kaukapakapa	Lot 1 DP 86755
T 222	Phoenix Palm	1	1019 Kaipara Coast Highway (S.H.16) Kaukapakapa	Lot 1 DP 86755
T 222	English Oak Common Oak	2	1019 Kaipara Coast Highway (S.H.16) Kaukapakapa	Lot 1 DP 86755
T 222	Liquidambar	1	1019 Kaipara Coast Highway (S.H.16) Kaukapakapa	Lot 1 DP 86755
T 223 - T 236	Not Allocated			



No.	Tree Species	Number of Trees	Address	Legal Description
T 237	Cypress	1	42 Armitage Road Wellsford	Lot 2 DP 103327
T 238	Hoop Pine	1	44 Armitage Road Wellsford	Lot 2 DP 91257
T 238	Dawn Redwood	1	44 Armitage Road Wellsford	Lot 2 DP 91257
T 239 - T 241	Not Allocated			
T 242	Norfolk Pine	1	37 Waiwera Place Waiwera	Lot 1 DP 46560
T 243 - T 250	Not Allocated			
T 251	Manna Gum	1	14-16 Neville Street Warkworth	Lot 1 DP 150337
T 252	Norfolk Pine	1	9 Queen Street Warkworth	Lot 2 DP 26658
T 252	Pepper Tree	1	9 Queen Street Warkworth	Lot 2 DP 26658
T 253	Stand of mature Oaks	28	9 Queen Street Warkworth	Lot 2 DP 26658 Lot 5 DP 20837
T 254	Liquidambar	1	9 Falls Street Warkworth	Lot 1 and 2 DP 68971
T 255 - T 256	Not Allocated			
T 257	Robinia	2	18 to 22 Mill Lane Warkworth	Lot 1 DP 26422
T 258	Australian Fan Palm	1	18 to 22 Mill Lane Warkworth	Lot 1 DP 26422
T 259	Cryptomeria	1	2 Mill Lane Warkworth	Lot 8 DP 26422
T 260	Tasmanian Blackwood	1	18 to 22 Mill Lane Warkworth	Lot 1 DP 26422
T 261	Tasmanian Blackwood	1	18 to 22 Mill Lane Warkworth	Lot 2 DP 26422



No.	Tree Species	Number of Trees	Address	Legal Description
T 262	Coast Redwood	1	14 to 16 Neville Street Warkworth	Lot 1 DP 150337
T 263	Manna Gum Macrocarpa Monterey Cypress Lawson Cypress	13	14 Neville Street Warkworth	Lot 1 DP 150337
T 264	Pohutukawa	1	96 Commercial Road, Helensville [Amendment 144]	Lot 1 DP57341
T 265	Not allocated			
T 266	Oak	1	278 Rodney Street Wellsford	Lot 9 DP 37943
T 267	Pohutukawa	1	3 Monowai Street Wellsford	Lot 4 DP 62681
T 268	Swamp Cypress	1	35 Armitage Road Wellsford	Lot 20 DP 37943
T 269	Oak	3	36 Armitage Road Wellsford	Lot 2 DP 129562
T 270	Oak	1	38 Armitage Road Wellsford	Lot 2 DP 129562
T 271	Liquidambar	1	40 – 44 Armitage Road Wellsford	On right of way Flat 1 DP 110871, Lot 1 DP 103327 1/2 SH Flat 2 DP 115749, Lot 1 DP 103327 1/2 SH Lot 2 DP 103327 Lot 2 DP 91257
T 272	Pohutukawa	2	6 Batten Street Wellsford	Lot 6 DP 25618
T 273	Pohutukawa Totara	2	63 Rodney Street Wellsford	Flats 1 & 2 DP 176695 Lot 7 DP 28103
T 274	Pohutukawa	1	7 Monowai Street Wellsford	Lot 5 DP 47752
T 275	Totara	2	74 Worker Road Wellsford	Lot 4 DP 56805
T 276	Pohutukawa	1	10 Lax Crescent Leigh	Lot 9 DP 205237



No.	Tree Species	Number of Trees	Address	Legal Description
T 277	Kauri	1	34 Harbour View Road Leigh	Allot 115 Leigh Village SO 39051
T 278	Norfolk Pine	1	35 Hauraki Road Leigh	Lot 3 DP 35559
T 279	Pohutukawa	1	87 Hauraki Road Leigh	Lot 2 DP 205237
T 281	Norfolk Pine	1	403 Leigh Road Tramcar Bay	Lot 9 DP 42183
T 282	Golden Macrocarpa	1	5 Point Wells Road Point Wells	Lots 20 & 21 DP 32632
T 283	Rata	1	63 Clinton Road Campbells Beach	Lot 28 DP 46353
T 284	Puriri	1	63 Clinton Road Campbells Beach	Lot 28 DP 46353
T 285	Kauri	Group of same	32 Hillcrest Road Orewa	Lot 7 DP 47676
T 287	Redwood	1	60 Hudson Road Warkworth	Lot 20 DP 9212
T 288	Pine	1	68 View Road Warkworth	Lot 2 DP 192404
T 289	Redwood	1	86 Falls Road Warkworth	Lot 23 DP 9212
T 290	Pohutukawa	2	Outside 18 & 19 Walton Ave Warkworth	Road reserve
T 291	Oak	4	9 Morpeth Street Warkworth	Lot 4 DP 156544
T 292	Oak	1	1 Bambro Street Warkworth	Allot 67 Psh of Mahurangi SO 1150J
T 293	Pohutukawa	1	10 Mahurangi Street Warkworth	Lot 3 DP 53942
T 294	Oak	1	10 Victoria Street Warkworth	Lot 1 DP 27354
T 295	Oak	1	10 Wilson Road Warkworth	Lot 1 DP 355630



No.	Tree Species	Number of Trees	Address	Legal Description
T 296	Beech	1	11 Hexham Street Warkworth	Lot 5 DP 35736
T 297	Mixed Group containing Ponga, Totara, Titoki, Celery Pine, Red Matipo, Kawakawa, Rewarewa, Karaka, Kowhai, Lace Bark, Hangihangi, Puriri, Black Fern, Five Finger, Cabbage, Tanekaha, Mamaku	Group	1-11 Millstream Place Warkworth	Lot 1 DP 59673 Lot 2 DP 59673 Lot 3 DP 59673 Lot 4 DP 59673 Lot 5 DP 59673 Lot 6 DP 59673
T 298	Totara	1	12 Kaspar Street Warkworth	Lot 2 DP 44570
T 299	Liquidambar	1	12 Pound Street Warkworth	Flat 1 DP 113496 Lot 16 DP 48124
T 301	Poplar	1	29 Great North Road Warkworth	Flat 1 DP 180566, Shed 1 DP 180566, Grge 1 DP 180566, Pergola 1 DP 180566, Lot 3 DP 2713 2/3 SH
T 302	Pohutukawa	1	34 Gordon Craig Place Algies Bay	Lot 26 DP 50684
T 303	Liquidambar Cedar Japanese Cedar	3	14 Pound Street Warkworth	Flat 1 DP 113575 Flat 2 DP 187008 Lot 17 DP48124
T 304	Liquidambar	1	14 Rivendell Place Warkworth	Lot 101 DP 80663
T 305	Melia Oak	3	15 Neville Street Warkworth	Unit A to F DP 110873 Lot 1 DP 84253
T 306	Liquidambar	2(on front boundary)	15 Southgate Road Warkworth]	Lot 7 DP 47386
T 308	Liquidambar	1	17 Hexham Street Warkworth	Lot 6 Sec M Allot 67 Psh of Mahurangi SO 1150J
T 309	Oak	2	17 Lilburn Street Warkworth	Lot 1 DP 38829
T 310	Totara	1	17 Victoria Street Warkworth	Lot 2 DP 44610



No.	Tree Species	Number of Trees	Address	Legal Description
T 311	Lagunaria Oak Totara	8	18 Mill Lane Warkworth	Lot 1 DP 26422
T 312	Kauri	1	18 Neville Street Warkworth	Lot 1 DP 98214
T 313	Rata	1	19 Pulham Road Warkworth	Lot 2 DP 49474
T 314	Pohutukawa	1	19 Pulham Road Warkworth	Lot 2 DP 49474
T 315	Pohutukawa	1	19 Pulham Road Warkworth	Lot 2 DP 49474
T 316	Pohutukawa	1	19 Victoria Street Warkworth	Lot 1 DP 44610
T 317	Liquidambar	1	19 Warkworth Street Warkworth	Flat 2 DP 132629 Pt Lot 2 DP48377
T 318	Puriri	1	19 Willjames Aveue Algies Bay	Lot 64 DP 63325
T 319	Kauri	1	2 Beach Street Sandspit	Lot 1 DP 189516
T 321	Rimu	1	2 Kaspar Street Warkworth	Pt Allot 50 Psh of Mahurangi DP 25748
T 322	Pohutukawa	1	2 Lilburn Street Warkworth	Lot 2 DP 170549
T 323	Oak	1	2 Lilburn Street Warkworth	Lot 2 DP 170549
T 324	Grevillea	1	2/25 Hexham Street Warkworth	Flat 2 DP 101502 Lot 25 DP 83332
T 325	Totara	1	20 Albert Street Warkworth	Lot 3 DP 44610
T 326	Pohutukawa Oak	2	20 Palmer Street Warkworth	Lot 7 DP 44107
T 327	Fan Palm	1	21 Victoria Street Warkworth	Lot 2 DP 129361
T 328	Oak Totara Puriri	Large group	2-22 Mill Lane Warkworth	Lot 1, Lot 2, Lot 4, Lot 5, Lot 6, Lot 7, Lot 8, Pt Lot 9 DP 26422



No.	Tree Species	Number of Trees	Address	Legal Description
T 329	Maple/Pohutukawa/Totara/Rimu/Puriri/Kowhai/Karaka/Cabbage/Titoki/Nikau/Taraire/Ponga	28	23 Pulham Road Warkworth	Pt Lot 3 DP 77563
T 330	Redwood Oak	3	23 Pulham Road Warkworth	Pt Lot 3 DP 77563
T 331	Kauri	1	23 Victoria Street Warkworth	Lot 1 DP 98371
T 332	Mixed Group containing Totara, Rimu, Oak, Liquid Amber, Bamboo, fruit trees, Cypress.	group	24 - 32 Alnwick Street 37-51 Coquette Street Warkworth	Lot 1, Lot 2 DP 92093 Lot 59, Lot 60, Lot 61 DP 80660 Lots 46, 47 & 50 DP 80661 Lots 48 & 49 DP 83332 Flats 1 & 2 DP 87602, Lot 51 DP 80661 1/2 SH Flat 3 DP 196116, Grge 3 DP 196116, Lot 52 DP 83332 1/2 SH Flat 1 DP 116465, Lot 52 DP 83332 1/2 SH Flat 1 DP 190642, Carport 1 DP 190642, Lot 53 DP 83332 1/2 SH Lot 53 DP 83332 1/2 SH
T 333	Native Group containing Pohutukawa, Rata, Rimu, Puriri.	5	24 Pulham Road Warkworth	Lot 1 DP 62427
T 335	Oak	1	25 Percy Street Warkworth	Lot 1 DP 156544
T 336	Pohutukawa Oak Liquidambar Totara	5	27 Lilburn Street Warkworth	Lot 4 DP 334811
T 337	Oak	1	27 Southgate Road Warkworth	Lot 44 Deeds Plan W66/3
T 338	Pohutukawa	1	27 Southgate Road Warkworth	Lot 44 Deeds Plan W66/3
T 339	Walnut	1	27 Southgate Road Warkworth	Lot 44 Deeds Plan W66/3
T 340	Oak	1	27 Southgate Road Warkworth	Lot 44 Deeds Plan W66/3



No.	Tree Species	Number of Trees	Address	Legal Description
T 341	Oak	1	28 Hill Street Warkworth	Pt Lot 1 DP 35262
T 342	Pear Totara Rimu Oak Cabbage Kauri	group	29 Lilburn Street Warkworth	Legal Road Reserve
T 343	Kauri	1	2A Lilburn Street Warkworth	Flat 1 DP 107060, Pt Lot 2 DP 48377
T 344	Rimu	1	2A Lilburn Street Warkworth	Flat 1 DP 107060, Pt Lot 2 DP 48377
T 345	Totara predominant	mixed group	3 & 9 Melwood Drive 3 & 5 Matakana Road Warkworth	Flat 1 DP 151683 Lot 1 DP 136686 Pt Lot 1 DP 55475 Lot 2 DP 146485
T 346	Deodar Cedar	1	3 Matakana Road Warkworth	Pt Lot 1 DP 55475
T 347	Liquidamber	1	3 Matakana Road Warkworth	Pt Lot 1 DP 55475
T 348	Poplar	1	30 Rivendell Place Warkworth	Lot 93 DP 80664
T 349	Rimu Totara	3	30 Victoria Street Warkworth	Lot 2 DP 91209
T 350	Puriri	1	31-33 Lilburn Street Warkworth	Lot 2 Sec 9 Allot 67 Psh Of Mahurangi SO 1150J, Lot 1 Sec 9 Allot 67 Psh Of Mahurangi SO 1150J
T 351	Kauri	group	31-37 Alnwick Street Warkworth	Lots 64, 65, 66 and 67 DP 80660
T 352	Pohutukawa	1	32 Pulham Road Warkworth	Lot 3 DP 59355
T 353	Oak	1	38 Victoria Street Warkworth	Lot 2 DP 74226
T 354	Totara Oak	group	39 Whitaker Road Warkworth	Lot 2 DP 28200
T 355	Various	Mixed group	39 Whitaker Road Warkworth	Lot 2 DP 28200



No.	Tree Species	Number of Trees	Address	Legal Description
T 356	Pohutukawa	group of same	3A Baxter Street Warkworth	Lot 2 DP 98309
T 357	Native: Only trees over 6m in height as of 1 January 2013	Mixed group	2, 4, 6 Melwood Drive 49 Matakana Road Warkworth	Lot 42 DP 115591 Lot 50 DP 145419 Lot 115 DP 402348 Lot 116 DP 402348
T 358	Kauri	1	4 Pulham Road Warkworth	Lot 1 DP 50192
T 359	Rimu	1	4 Pulham Road Warkworth	Lot 1 DP 50192
T 360	Oak	1	41 Great North Road Warkworth	Pt Lot 5 DP 2713
T 361	Claret Ash	1	41 Victoria Street Warkworth	Lot 11 DP 74226
T 362	Oak	1	41 Victoria Street Warkworth	Lot 11 DP 74226
T 363	Totara	1	42 Pulham Road Warkworth	Lot 8 DP 59355
T 365	Mixed Group containing Totara, Rimu, Ponga, Karaka, Cabbage, Tanekaha, Pohutakawa, Kanuka	Mixed group	45 Hill Street 51 Hill Street Warkworth	Lot 3 DP 37328 Flat 1 DP 193483, Lot 4 DP 37328
T 366	Pohutukawa	1	45 Bertram Street Warkworth	Lot 4 Sec 5A Allot 67 Psh Of Mahurangi SO 1150J
T 367	Pohutukawa	1	45 Lilburn Street Warkworth	Lot 4 Sec 10 Allot 67 Psh Of Mahurangi SO 1150J
T 368	Copper Beech	1	45 Lilburn Street Warkworth	Lot 4 Sec 10 Allot 67 Psh Of Mahurangi SO 1150J
T 369	Pohutukawa	1	47 Lilburn Street Warkworth	Lot 1 DP 49474
T 370	Sweet Gum	1	5 Lilburn Street Warkworth	Lot 1 DP 102195
T 371	Norfolk Island Pine Pohutukawa	2	51 Pulham Road Warkworth	Lot 25 Deeds Plan W66/1



No.	Tree Species	Number of Trees	Address	Legal Description
T 372	Golden Elm	4	54 Victoria Street Warkworth	Lot 10 DP 74226
T 373	Totara Kauri	3	56 Bertram Street Warkworth	Lot 5 DP 50192
T 374	Oak	2	6 Brown Road Warkworth	Lot 1 DP 187337
T 375	Totara	1	6 Falls Street Warkworth	Lot 2 DP 174910
T 376	Japanese Cedar	1	6 Morpeth Street Warkworth	Pt Lot 1 Sec N Allot 67 Psh Of Mahurangi SO 1150J
T 377	Mixed Group containing Pohutukawa, Totara, Rimu.	Mixed group	61 Hill Street Warkworth	Lot 3 DP 27275
T 378	Kauri	1	62 Percy Street Warkworth	Pt Lot 3 DP 45678, Lot 2 DP 45678
T 379	Totara	8	65 Percy Street Warkworth	Lot 2 DP 72241
T 380	Puriri	1	67 Pulham Road Warkworth	Lot 2 DP 85589
T 381	Pohutukawa	1	7 Belmont Place Warkworth	Lot 4 DP 336746
T 382	Totara	1	8 Rivendell Place Warkworth	Lot 104 DP 80663
T 383	Oak Pohutukawa	2	84 Pulham Road Warkworth	Lot 1 DP 432306
T 384	Oak	1	1336 Sandspit Road Sandspit	Allot 324 Psh Of Mahurangi SO 41563
T 385	Oak	1	On reserve adj 2 Lilburn Street Warkworth	Allot 405 Psh of Mahurangi SO 46746
T 386	Totara	4	8 Campbell Drive Warkworth	Lot 26 DP 82466
T 387	Grevillea	1	38 Woodcocks Road Warkworth	Pt Allot 65 Psh Of Mahurangi SO 37843
T 388	Grevillea Totara Liquidambar	5	4A Campbell Drive Warkworth	Flat 2 DP 87601



No.	Tree Species	Number of Trees	Address	Legal Description
T 391	Cedar Swamp Cypress	2	30 Hauiti Drive Warkworth	Lot 29 DP 70565
T 392	Totara	1	45B Alnwick Street Warkworth	Flat 2 DP 116555
T 393	Norfolk Pine	1	46 Wilson Road Warkworth	Lot 1 DP 97086
T 395	Totara Puriri Pohutukawa	7	46 Wilson Road Warkworth	Lot 1 DP 97086
T 396	Totara Puriri Pohutukawa Kauri Rimu	14	46 Wilson Road Warkworth	Lot 1 DP 97086
T 397	Totara	group	5 Wilson Road Warkworth	Lot 1 DP 138409
T 398	Puriri	1	21 Puriri Avenue Orewa	Lot 8 DP 158749
T 399	Pohutukawa	1	14 Glenelg Road Red Beach	Lot 7 DP 52195
T 400	Norfolk Pine	1	23A Piccadilly Circus Snells Beach	Lot 1 DP 127724
T 401	Pohutukawa	1	43 Mariners Grove Algies Bay	Lot 38 DP 70873
T 402	Puriri (a third Puriri tree closest to the dwelling not included)	2	6 The Glade Algies Bay	Lot 33 DP 70874
T 403	Pohutukawa	1	32 Gordon Craig Place Algies Bay	Lot 25 DP 50684
T 407	Native Group containing Kahikatea, Puriri, Kanuka, Manuka, Pohutukawa.	Mixed group	56- 68 Mera Road 39 -55 Deerness Cres 31-33 Gordon Craig Place Algies Bay Warkworth	Lots 11,12, 13,14,15,16, & 17 DP 62931 Flat 1 DP 108281 Lots 1,2,3,4,5,6,7, 8 DP 53365 Lots 1 & 2 DP 403007 Lot 36 DP 50684
T 408	Oak	1	62 Willjames Avenue Algies Bay	Lot 30 DP 63325
T 409	Pohutukawa	1	10 The Strand Waiwera	Lot 9 DP 4653



No.	Tree Species	Number of Trees	Address	Legal Description
T 410	Pohutukawa	2	2-4 The Strand Waiwera	Lot 1 DP 319223
T 411	Pohutukawa	1	36 Waiwera Road Waiwera	Pt Allot 224 Psh Of Waiwera SO 893 , Pt Allot 224 Psh Of Waiwera SO 893, Lot 12 DP 4653, Lot 23 DP 4653, Lot 1 DP 8481
T 412	London Plane	1	41 Weranui Road Waiwera	Lot 62 DP 4653
T 413	Pohutukawa Macrocarpa	group	41 Weranui Road Waiwera	Lot 62 DP 4653
T 414	Pohutukawa	group	56 Waiwera Road Waiwera	Lot 3 DP 4653
T 415	Puriri	15	11 Parkside Drive Orewa	Lot 1 DP 404630
T 416	Pohutukawa	Group (excluding tree limbs overhanging conservatory at 31 Ocean View Road)	29, 31 & 31A Ocean View Road Hatfields Beach	Lot 146 DP 25436 Lot 1 DP 177769 Lot 2 DP 177769
T 417	Mixed Group containing Kauri, Pohutukawa, Manuka, Totara, Rimu, Mahoe, Ponga, Pseudopanax, Kawakawa, Coprosma	Mixed group	9-35 Old North Road Orewa	Lots 2, 3, 4, 5 DP 29547 Lots 7, 8, 9,10,11,12,13,14 & 16 DP 29547 Allot 603 Psh Of Waiwera SO 44227 Pt Lot 149 DP 12794
T 418	Kauri	1	18 Old North Road Orewa	Lot 28 DP 12794
T 419	Pohutukawa	1	1A Forest Glen Orewa	Flat 2 DP 150814, Lot 1 DP 148614 1/2 SH
T 420	Kauri	4	20- 22 Hillcrest Road Orewa	Lot 1 DP 47676 Lot 2 DP 47676
T 421	Pohutukawa Totara	Mixed group	23 Old North Road Orewa	Lot 10 DP 29547
T 422	Kauri	group of same	25 Old North Road Orewa	Lot 11 DP 29547



No.	Tree Species	Number of Trees	Address	Legal Description
T 423	Kauri	1	30 Old North Road Orewa	Lot 9 DP 12794
T 424	Pohutukawa	7	The Palms Apartments 5-15 Puriri Ave Orewa	Lot 1 DP 157843
T 425	Kauri	6	34 Hillcrest Road Orewa	Lot 8 DP 47676
T 426	Pohutukawa	1	3A Puriri Avenue Orewa	Unit C DP 115259, Pt Lot 47 DP 12795 2/3 SH, Pt Lot 48 DP 12795 1/3 SH
T 427	Pohutukawa	group of same	2A Puriri Ave Orewa	Unit C DP 93491, AU 3 DP 93491, Lot 4 DP 12795
T 428	Pohutukawa	2	9 Forest Glen Orewa	Lot 13 DP 46921
T 429	Norfolk Pine	1	2 Hatton Road Orewa	Lot 50 DP 55721
T 430	Rimu	group of same	2/197 Centreway Road Orewa	Flat 2 DP 180764, Lot 9 DP 43768 1/2 SH
T 431	Rimu	1	2/24 Puriri Avenue Orewa	Flat 2 DP 74833, Lot 10 DP 43768 1/2 SH
T 432	Pohutukawa	1	44 Centreway Road Orewa	Lot 98 Allot 279 Psh Of Waiwera SO 26169
T 433	Pohutukawa	1	8 Kohu Street Orewa	Lot 16 DP 12795
T 434	Pohutukawa	1	11A & 13 Milton Road Orewa	Flat 1 DP 168247, Lot 1 DP 73457 1/2 SH Lot 49 Allot 279 Psh Of Waiwera SO 22803
T 435	Pohutukawa	group of same	1/422 Hibiscus Coast Highway Orewa	Lot 113 DP 12795
T 436	Mixed Group containing Puriri, Kauri, Totara, Nikau, Rimu, Kahikatea, Ponga, Rewarewa, Manua, Red Matipo, Cabbage, Kanuka, Pohutukawa	Mixed group	14 to 24 Puriri Avenue 193 & 195 Centreway Road 5, 7 & 9 Manuka Street Orewa	Lots 7, 8, 10, 12, 13, 14, & 15 DP 43768) Lots 2, 3 & 4 DP 49220 Lots 1 & 2 DP 205085



No.	Tree Species	Number of Trees	Address	Legal Description
T 437	Norfolk Pine	1	15 Milton Road Orewa	Flat 1 DP 103536, Lot 50 Allot 279 Psh Of Waiwera SO 22803 1/2 SH
T 438	Pohutukawa	1	164 Centreway Road Orewa	Lot 1 DP 49013
T 439	Kahikatea	group of same	21 Puriri Avenue Orewa	Lot 8 DP 158749
T 440	Red Flowering Gum	1	22 Centreway Road Orewa	Allot 670 Psh Of Waiwera SO 49787
T 441	Pohutukawa	group of same	23A Pine Road Orewa	Flat 2 DP 201111, Allot 482 Psh Of Waiwera SO 40073 1/2 SH
T 442	Pohutukawa	group of same	240 Hibiscus Coast Highway Orewa	Lot 21 Allot 279 Psh Of Waiwera SO 22295
T 444	Pohutukawa	1	329 Hibiscus Coast Highway Orewa	Pt Lot 88 DP 12795
T 445	Norfolk Pine	1	377 Hibiscus Coast Highway Orewa	Pt Lot 74 DP 12795
T 446	Pohutukawa	1	4 Noel Ave Orewa	Lot 1 DP 54725
T 447	Pohutukawa	1	405-407 Hibiscus Coast Highway Orewa	Pt Lot 64 DP 12795
T 448	Pohutukawa	1	414 Hibiscus Coast Highway Orewa	Lot 117 DP 30339
T 449	Pohutukawa	1	415 Hibiscus Coast Highway Orewa	Pt Lot 61 DP 12795
T 450	Pohutukawa	group of same	431 Hibiscus Coast Highway Orewa	Flat 1 DP 104163, Lot 15 DP 12795 1/3 SH
T 451	Pohutukawa	1	437 Hibiscus Coast Highway Orewa	Pt Lot 52 DP 12795
T 452	Pohutukawa	1	4A Noel Ave Orewa	Lot 3 DP 54725
T 453	Pohutukawa	1	5 Weiti Road Orewa	Lot 1 DP 143377
T 454	Totara	1	61 Centreway Road Orewa	Flat 1 DP 152361, Allot 404 Psh Of Waiwera SO 39049 1/2 SH Grge 1 DP 152361



No.	Tree Species	Number of Trees	Address	Legal Description
T 455	Oak & Pohutukawa	mixed group	6-8 Milton Road Orewa	Lot 68 Allot 279 Psh Of Waiwera SO 22803
T 456	Totara	group of same	74 Hibiscus Coast Highway Orewa	Lot 1 DP 336597
T 458	Totara	1	79 Centreway Road Orewa	Flat 1 DP 116755, Lot 69 DP 18948 1/2 SH
T 459	Pohutukawa	1	32 Amorino Drive Red Beach	Lot 16 DP 70174
T 460	Pohutukawa	1	244 Centreway Road Orewa	Lot 4 DP 38916
T 461	Gums	group of same	220 Wainui Road Silverdale	Pt Lot 2 DP 126248 , Lot 3 DP 126248 Sec 1 SO 409115
T 462	Rimu	1	112 Hibiscus Coast Highway Orewa	Lot 2 DP 40951
T 463	Pohutukawa	1	134 Hibiscus Coast Highway Red Beach	Lot 2 DP 325279 , Lot 12 DP 325279 1/10 SH
T 464	Pohutukawa	group of same	23 Marie Avenue Red Beach	Lot 2 DP 209844
T 465	Pohutukawa	1	67 Bay Street Red Beach	Lot 1 DP 328641
T 466	Pohutukawa	1	7 Rushden Terrace Red Beach	Lot 28 DP 34937
T 467	Pohutukawa	1	8 Glenelg Road Red Beach	Lot 4 DP 52195
T 468	Norfolk Island Pine	1	24 Commercial Road Helensville	Lot 1 DP 132796
T 469	Pohutukawa	1	12 Weiti Road Orewa	Lot 58 Allot 279 Psh Of Waiwera SO 22803
T 470	Pohutukawa	1	1 Whale Cove Red Beach	Lot 27 DP 52195
T 471	Pohutukawa	1	11-13 Marellen Drive Red Beach	Flat 1 DP 183638, Lot 14 DP 39719 1/2 SH Lot 14 DP 39719 1/2 SH Lot 1 DP 202865
T 472	Kauri	1	22 Vista Motu Red Beach	Lot 8 DP 126113



No.	Tree Species	Number of Trees	Address	Legal Description
T 473	Pohutukawa	group of same	21, 23, 25, 27, & 32 Whale Cove Red Beach	Lot 20 DP 112227 Lot 21 DP 112227 , Lot 26 DP 112227 1/5 SH Lot 1 DP 177693 , Lot 26 DP 112227 1/5 SH Lot 14 DP 112226
T 474	NZ Natives	Mixed group	252, 254 Whangaparaoa Road 38,40,42 Glenelg Place 21,22,24,26B,27B 29, 33 Durness Place Red Beach	Lots 41, 46, 48, 49 & 50 DP 55734 Lots 38, 39 & 40 DP 53371 Lots 2 & 3 DP 50675 Lot 2 DP 365499 Lot 1 DP 375792
T 475	NZ Natives Over 6m in height as of 1 January 2013	Mixed group	256, 260, 262, 264, 266, 270,276 Whangaparaoa Road 14, 20, 22, 30, 32, Glenelg Place Red Beach	Lots 4, 6, 7, 8, & 14 DP 50675 Lots 28, 29, 33 & 34 DP 53371 Lots 1 & 2 DP 92711 Lot 7 DP 52195
T 476	Puriri Pohutukawa	1 1	276 Whangaparaoa Road 14 Glenelg Place Red Beach	Lot 14 DP 50675 Lot 7 DP 52195
T 478	Pohutukawa	1	3 Whale Cove Red Beach	Lot 1 DP 185992
T 479	Pohutukawa	group of same	38 & 40 Vista Motu Red Beach	Lot 3 DP 163731 Lot 2 DP 163731
T 480	Pohutukawa	1	5 Whale Cove Red Beach	Lot 2 DP 185992
T 481	Pohutukawa	1	96 Bay Street Red Beach	Lot 10 DP 15060
T 482	Pohutukawa	group of same	21 Whale Cove Red Beach	Lot 20 DP 112227
T 483	Pohutukawa	1	75 Duncansby Road Whangaparaoa	Lot 16 DP 112227
T 484	Pohutukawa	group of same	2A Centreway Road Orewa	Lot 236 Allot 279 Psh Of Waiwera SO 32801
T 485	Gum	1	42 Everard Avenue Gulf Harbour	Lot 71 DP 50950
T 486	Mixed Group containing Kahikatea, Totara, Puriri.	Mixed group	7 Waterloo Road Silverdale	Pt Allot 333 Psh Of Waiwera SO 26545, Pt Allot 59 Psh Of Waiwera SO 26545
T 487	Pohutukawa	1	20 John Road Whangaparaoa	Lot 11 DP 49742



No.	Tree Species	Number of Trees	Address	Legal Description
T 488	Native Group containing Kanuka, Puriri, Rimu, Kauri, Totara, Miro, Matai, Tenekaha, Puketea, Rewarewa, Beech, Puriri, Rimu, Nikau Palms, Kahikatea.	Mixed group	388-402 Whangaparaoa Road Whangaparaoa	Pt Allot 15 Psh Of Waiwera SO 1052/B , Sec 2 SO 410333
T 489	Pohutukawa	1	470 Whangaparaoa Road Whangaparaoa	Flat 1 DP 115143, Lot 1 DP 84464 1/2 SH
T 490	Totara Kahikatea	Mixed group	282 Vipond Road Whangaparaoa	Lot 97 DP 38691
T 491	Totara	1	26 Laurence Street Manly	Lot 82 DP 17816
T 492	Puriri	1	26 Laurence Street Manly	Lot 82 DP 17816
T 493	Oak	2	11 Glamis Avenue Manly	Lot 35 DP 30450
T 494	Totara	1	34 Glengarry Ave Manly	Lot 23 DP 37226
T 495	Macrocarpa	1	1 Kathy Terrace Whangaparaoa	Lot 28 DP 57094
T 496	Pohutukawa	group of same	108 Stanmore Bay Road Whangaparaoa	Flat 2 DP 179535, Lot 1 DP 113803 1/2 SH
T 497	Pohutukawa Puriri	Mixed group	33 Swann Beach Road Whangaparaoa	Lot 196 DP 39560
T 498	Puriri	group of same	35,37 Swann Beach Road Whangaparaoa	Lot 195 DP 39560 Lot 194 DP 39432
T 500	Pohutukawa	1	966 Whangaparaoa Road Manly	Lot 1 DP 437532
T 501	Kauri, Miro, Raewaraewa	Group	8,12,20,28,38 Beauvoir Avenue Whangaparaoa	Lot 2 DP 211632 Lot 3 DP 314644 Lot 5 DP 314644 Lot 8 DP 211632 Lot 11 DP 197626 , Lot 43 DP 197626 1/5 SH
T 502	Pohutukawa	1	190 Hibiscus Coast Highway Red Beach	Lot 61 DP 35382



No.	Tree Species	Number of Trees	Address	Legal Description
T 503	Pohutukawa	1	192 Wade River Road Whangaparaoa	Lot 2 DP 49755
T 504	Pohutukawa	group of same	64 Cedar Terrace Whangaparaoa	Lot 1 DP 336708 , Lot 2 DP 336937
T 505	Kauri	group of same	86 Scott Road Whangaparaoa	Lot 1 DP 402399
T 506	Monterey Cypress	1	35 Arkles Strand Arkles Bay	Lot 170 DP 21728
T 507	Pohutukawa	2	325 Hibiscus Coast Highway Orewa	Pt Lot 90 DP 12795 , Lot 44 DP 12795
T 508	Pohutukawa	3	295 Hibiscus Coast Highway Orewa	Pt Lot 13 DP 20781
T 509	Puriri	1	109 Ladies Mile Manly	Lot 70 DP 11689
T 510	Gum	1	54 Zealandia Road Manly	Lot 16 DP 66348
T 511	Pohutukawa	1	78 Ladies Mile Manly	Lot 2 DP 44732
T 513	Pohutukawa	1	854 Whangaparaoa Road Manly	Lot 27 DP 44233
T 514	Rimu	1	96 Ladies Mile Manly	Lot 64 DP 11689
T 515	Kahikatea	1	32B Wade River Road Whangaparaoa	Lot 3 DP 73402
T 516	Puriri Kahikatea	1 1	43A McKenzie Avenue 41 McKenzie Avenue Arkles Bay Whangaparaoa	Lot 1 DP 203684 Lot 3 DP 73402
T 517	Pohutukawa	2	47 McKenzie Avenue Arkles Bay Whangaparaoa	Lot 8 DP 74558 , Lot 11 DP 74559 1/7 SH
T 518	Pohutukawa	1	48 Stanmore Bay Road Whangaparaoa	Lot 225 DP 36272
T 519	Pohutukawa	10	297 Hibiscus Coast Highway Orewa	Pt Lot 12 DP 20781



No.	Tree Species	Number of Trees	Address	Legal Description
T 520	Kauri	1	93 McKenzie Avenue Whangaparaoa	Lot 6 DP 54052
T 521	Oak	4	34 Peak Road Kaukapakapa	Lot 2 DP 415692
T 522	Norfolk Pine	1	3 Parakai Avenue Parakai	Lot 92 DP 20912
T 523	English Oak	1	41 Chic Gardens Parakai	Lot 21 DP 327402
T 524	Pohutukawa	1	21A Porter Crescent Helensville	Pt Te Rewarewa ML 1120
T 525	Pohutukawa	1	1 Hand Road Helensville	Lot 44 Deeds Plan C105
T 526	Puriri	1	1 Kowhai Street Helensville	Pt Lot 1 Blk IV DP 169 , Lot 2 Blk IV DP 169
T 527	Pohutukawa	1	19 Rimu Street Helensville	Lot 1 Blk IVA DP 214, Lot 2 Blk IVA DP 214
T 528	Macrocarpa	1	1A Green Lane Helensville	Lot 1 Deeds Plan 891, Lot 2 Deeds Plan 891
T 529	Coral/Flame	Mixed group	28B Rautawhiri Road Helensville	Lot 1 DP 136515 1/2 SH
T 530	Pohutukawa	1	3 Gow Street Helensville	Lot D Deeds Plan P74
T 531	Pohutukawa	1	5 Awaroa Road Helensville	Lot 74 DP 24368, Lot 75 DP 24368
T 532	Pohutukawa	1	6 Kowhai Street Helensville	Lot 2 Blk 10 DP 214, Lot 3 Blk 10 DP 214, Lot 19 Blk 10 DP 214, Lot 1 DP 98242
T 533	Not allocated			
T 534	Totara	group of same	4 Kowhai Street Helensville	Lot 2 Blk 10 DP 214, Lot 3 Blk 10 DP 214, Lot 19 Blk 10 DP 214, Lot 1 DP 98242
T 535	Oak	group on front of site (only 1,3,& 5 protected)	109 Rautawhiri Road Helensville	Lot 1 DP 388714



No.	Tree Species	Number of Trees	Address	Legal Description
T 536	Pohutukawa	1	68 Garfield Road Helensville	Pt Lot 8 DP 278
T 537	Macrocarpa	1	81 Waimauku Station Road Waimauku	Pt Mblk 2A2 Waikoukou DP 11931, Lot 3 DP 80736
T 538	Oak	group of same	122 & 124 Matua Road Kumeu	Lot 1 DP 64458 Lot 2 DP 124412
T 539	Totara	1	25 Trigg Road Huapai	Lot 1 DP 60386
T 540	Poplar	1	399 Main Road Huapai	Pt Lot 11 DP 14792
T 541	Liquidambar	1	4 Trigg Road Huapai	Lot 2 DP 15897
T 542	Pohutukawa	1	92 Commercial Road Helensville	Lot 1 DP 66423
T 543	Redwood	group of same	1 Wharf Road Riverhead	Pt Allot 16 Psh of Paremoremo
T 544	Oak	group of same	10 Cobblers Lane Riverhead	Lot 2 DP 202923
T 545	Oak	1	1002 Coatesville Riverhead Highway Riverhead	Lot 37 DP 15592, Allot 574 Psh Of Paremoremo SO 41387
T 546	Oak	1	1072 Coatesville-Riverhead Highway Riverhead	Lot 1 DP 345565
T 547	Redwood	group of same	1135 Coatesville-Riverhead Highway Riverhead	Lot 1 DP 48745
T 548	Kauri	1	22 School Road Riverhead	Pt Allot 16 Psh Of Paremoremo
T 549	Oak	group of same	33 York Terrace Riverhead	Lot 1 DP 116247, Lot 3 DP 116247
T 550	Oak	1	4 Princes Street Riverhead	Lot 2 DP 59640
T 552	Totara	1	66 Garfield Road Helensville	Pt Lot 8 DP 278 Lot 7 DP 278



No.	Tree Species	Number of Trees	Address	Legal Description
T 553	Silver Dollar Gum	1	390 Main Road Huapai	Sec 17 Blk VII Kumeu Survey District SO 40539, Pt Lot 12 DP 14792, Pt Lot 13 DP 14792, Pt Lot 14 DP 14792, Pt Lot 15 DP 14792, Pt Lot 11 DP 14792
T 554	Kauri	1	27 Tapu Road Kumeu	Lot 1 DP 45401
T 555	Pohutukawa	25	453 Hibiscus Coast Highway Orewa	Lot 145 DP 12795 Lots 7, 8, 9, 11 & 12 DP 44822
T 556	Pohutukawa	1	5 Marine Parade Orewa	Flat 1 , Grge 1 DP 107004 Lot 144 DP 12795
T 557	Pohutukawa	1	419 Hibiscus Coast Highway Orewa	Lot 2 DP 334739
T 558	Pohutukawa	8	387 Hibiscus Coast Highway Orewa	Lot 24 DP 12795), Pt Lot 70 DP 12795
T 559	Pohutukawa	1	379 Hibiscus Coast Highway Orewa	Lot 27 DP 12795
T 560	Pohutukawa	2	363A Hibiscus Coast Highway Orewa	Lot 33 DP 12795
T 561	Pohutukawa	2	359 Hibiscus Coast Highway Orewa	Lot 2 DP 46144
T 563	Pohutukawa	5	3 Marine View Orewa	Lot 42 DP 12795
T 564	Not allocated			
T 565	Pohutukawa	3	8 Marine View Orewa	Pt Lot 90 DP 12795, (Lot 44 DP 12795)
T 566	Pohutukawa	2	323 A & B Hibiscus Coast Highway Orewa	Lot 1 DP 71488
T 567	Pohutukawa	4	321A & B Hibiscus Coast Highway Orewa	Lot 2 DP 71488
T 568	Pohutukawa	2	319A & B Hibiscus Coast Highway Orewa	Lot 3 DP 71488
T 569	Pohutukawa	1	309A & B Hibiscus Coast Highway Orewa	PT Lot 6 DP 20781



No.	Tree Species	Number of Trees	Address	Legal Description
T 570	Pohutukawa	2	303 & 305 Hibiscus Coast Highway Orewa	PT Lot 9 DP 20781 PT Lot 8 DP 20781