Arboricultural Report

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Dudley Creek Flood Remediation Downstream Options Report Rev 2, 12/6/15 Appendix B

Dudley Creek Flood Remediation Downstream Options Report Tree Survey Summary



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Appendix 1: Tree Inspection Results

1.0 Executive Summary

This report outlines the tree survey methodology and results summary for the Dudley Creek Downstream Options Report. This information is intended to provide input into the project design and consultation by establishing the quantity, size and quality of the existing tree and shrub populations within three potential project areas, and trees and shrubs that may be affected by the works for each option.

All of the three options are expected to result in the removal and replacement of trees and shrubs.

- Option A may result in the removal of 122 trees and shrubs (of 284 surveyed), and includes Banks Avenue;
- Option B may result in the removal of 44 trees and shrubs (of 74 surveyed); and,
- Option C may result in the removal of 70 trees and shrubs (of 108 surveyed), and includes parts of Stapletons Road, south of Warden Street.

A team of landscape architects, surveyors and arborists undertook site visits during March to May 2015. The tree assessment survey was undertaken by Arbor Vitae and Treetech. Both companies provide arboricultural services to Christchurch City Council (CCC), and have a comprehensive understanding of Council's tree survey methods and maintenance requirements, and provide services relating to the protection of natural assets. The locations and dimensions of the trees, shrubs and groups of shrubs were captured by Woods surveyors.

Accurately locating, measuring and assessing the trees and shrubs is intended to inform the design team (Beca/Opus), and assist with determining where trees and shrubs should be retained and where they will require removal for the required alignment and extent of works.

The survey included detailed assessments of trees and shrubs (individuals and groups) along the routes for the three options. A range of elements were assessed, which included the following:

- The asset type (private or CCC, and street, park or special purpose road zone);
- The tree or shrub species;
- Whether they are native or exotic;
- The age class (juvenile/semi-mature/mature/over-mature);
- The height (small:0-6m/medium:6-10m/large:10-15m/very large:>15m);
- · The canopy diameter;
- The DBH (diameter at breast height trunk diameter at 1.4m above ground level);
- The basal diameter (the trunk diameter including basal flare at ground level);
- The condition (very poor/poor/fair/good/very good); and
- The estimated life expectancy of the tree or shrub (short:<10 years/medium:10-20 years/long: >20 years).

The existing vegetation within the three option routes is a mix of native and exotic trees and shrubs, with approximately 60% of all trees/shrubs surveyed being exotic and 40% native. The life expectancy of trees/shrubs was also quite varied, with approximately 30% having a short term life expectancy (less than 10 years), 30% medium term life expectancy (10 to 20 years) and 40% having a long term life expectancy (greater than 20 years).

The life expectancy assessments are estimates only, and were based on conditions at the time of the survey, and may change in some areas as the full consequence of the earthquakes on soil, drainage, tidal and ground water level changes take effect during the next few years.

Trees like all living organisms go through growth and decline cycles. In addition to the normal decline expected of trees towards the end of their life, a number of trees in the project area appeared to have been adversely affected by the changes in ground conditions (e.g. movement, ground levels, water levels and quality, soil composition, etc.) caused by the earthquakes, especially some parts of Banks Avenue and to a lesser degree parts of Stapletons Road.

It is expected that the majority of trees and shrubs assessed as having short and medium term life expectancies would eventually be removed by CCC where required as part of routine maintenance. The Dudley Creek Flood Remediation project will provide an opportunity to remove and replace the trees and shrubs where the works occur.

This report only considers the current tree and shrub populations and the potential removals that relate to each option, and not replacement planting.

The project design has also received input from landscape architects and ecologists, and appropriate replacement planting will also be proposed for the three options to mitigate any required tree and shrub removals. Further detail regarding replacement planting is contained in Section 7.2 of the Dudley Creek Flood Remediation Downstream Options Report.

2.0 Tree Assessment Methodology

The survey was carried out during March to May 2015 by Arbor Vitae and Treetech, and the locations and dimensions of the trees, shrubs and groups of shrubs were captured by Woods surveyors.

Tree inspections were carried out from ground level, and included non-invasive visual tree assessment techniques and CCC tree assessment methods. During the survey the following elements were assessed for trees and shrubs located within the vicinity of routes proposed for the three options.

- The asset type (private or CCC, and street, park or special purpose road zone);
- The tree or shrub species;
- Whether they are native or exotic;
- The age class (juvenile/semi-mature/mature/over-mature);
- The height (small:0-6m/medium:6-10m/large:10-15m/very large:>15m);
- The canopy diameter;
- The DBH (diameter at breast height or trunk diameter at 1.4m above ground level);
- The basal diameter (the trunk diameter including basal flare at ground level);
- The condition (very poor/poor/fair/good/very good); and
- The estimated life expectancy of the tree or shrub (short:<10 years/medium:10-20 years/long: >20 years).

2.1 Definitions

2.1.1 Age Class

Age class relates to the stage of development of the tree or shrub at the time of the survey.

Juvenile: this relates to trees that have been planted in recent years and are becoming established.

Semi-mature: trees that are established and are not yet mature.

Mature: trees that are mature for the species.

Over-mature: this relates to trees that are reaching the end of their lives and are showing signs of age-related decline.

2.1.2 Size

Height: the height measurements of trees and shrubs were provided as ranges, from Small (up to 6.0 metres, Medium (6.0 to 10 metres), Large (10.0 to 15.0 metres), to Very Large (greater than 15.0 metres). These height ranges are consistent with classifications in CCC tree maintenance contracts.

Canopy Diameter: the canopy spread of trees and shrubs were measured, including asymmetrical tree canopies and where there were groups of shrubs.

DBH: this relates to the trunk diameter at breast height (1.4m above ground level). In some situations this measurement was estimated or taken above or below this height, such as were trees or shrubs had multiple stems.

Basal Diameter: the basal diameter of trees and shrubs was also measured to assist with determining estimates of the root protection zone of each tree and shrub (which is calculated by CCC as approximately ten times the basal diameter).

2.1.3 Condition

The condition of the trees and shrubs were rated using the following CCC tree assessment system. The condition of each tree or shrub was rated as Very Good, Good, Fair, Poor or Very Poor. This relates to the Health, Structural Integrity and Shape of a tree or shrub, as outlined below.

Condition	Health	Structure	Shape
Very Good	The tree/shrub is above average for the species, with no more than approximately 5% decline.	The tree/shrub has no structural defects or abnormalities	The tree/shrub has no more than approximately 5% of the overall canopy shape is missing or modified.
Good	The tree/shrub is representative of the species, with no more than approximately 6-20% decline.	Any defects do not affect the structural integrity or continued well-being of the tree/shrub.	There is no more than approximately 6-20% of the canopy shape missing or modified.
Fair	The condition of the tree/shrub is below average for the species, with approximately 21-30% decline.	Defects are present, but can be rectified in order to maintain the structural integrity and continued well-being of the tree/shrub.	Approximately 21-30% of the canopy shape is missing or modified.
Poor	The tree/shrub exhibits approximately 31-70% decline.	Tree maintenance cannot improve the framework or the continued well-being of the tree/shrub, and defects result in a loss of structural integrity that cannot be rectified.	Approximately 31-70% of the canopy shape is missing or modified.
Very Poor	The tree/shrub is in more than approximately 70% state of decline	The tree/shrub has a total loss of structural integrity	There is more than approximately 70% of canopy shape is missing or modified.

2.1.4 Life Expectancy

The life expectancy of each tree and shrub was estimated. This was based upon the condition of the tree or shrub at the time of the survey and the species characteristics.

Short: this applied where trees and shrubs have declined or are likely to significantly decline in health or structural integrity, and require removal within 10 years. A number of existing trees were found to be dead or in an advanced state of decline and others were showing signs of stress and poor health and are likely to die within the next ten years.

Medium: this applied where trees and shrubs may decline in health or structural integrity, and require removal within the next 10 to 20 years.

Long: this applied where trees and shrubs were expected to survive more than 20 years.

Note: The *Shape* of a tree or shrub is often determined by position in relation to surrounding vegetation or structures, and may not relate to the health, structural integrity or the life expectancy of the tree/shrub. Therefore, crown suppression may result in a *Poor* score being allocated but the tree/shrub may still be awarded *Good* or *Fair* for their *Health* or *Structure*. Whereas, a tree/shrub is more likely to have a *Medium* or *Low* life expectancy where there is *Poor* health or structural integrity.

Note that the tree assessments are estimates only, and were based on tree conditions at the time of the survey, and may change as the full consequence of the earthquakes on soil, drainage, tidal and ground water level changes take effect during the next few years.

2.1.5 Asset Type

Asset Type relates to the land ownership and the various land classifications where the trees and shrubs are located, including where the trees/shrubs are on private or CCC land, and whether the land is classified as street, park or special purpose road zone (SPRZ).

Private: this applied where trees and shrubs are on non-Council owned land (including schools).

Street: this applied where trees and shrubs are within the road corridor and are classified by CCC as Street Trees.

Park: this applied where trees and shrubs are located on park land and are classified by CCC as Park Trees.

SPRZ: this applied where trees and shrubs were located within road corridors that are listed in the Christchurch City Plan as Special Purpose Road Zone. Within the three option routes this applies to Banks Avenue, Stapletons Road, North Parade and River Road.

3.0 Survey Areas and Results Summary

The information provided in this report relates to trees and shrubs within the areas that may be affected by each of the three options.

Note that the current design is concept level only, and hence numbers of affected trees may vary as the design develops.

The survey areas include the following:

3.1 Option A

- Warden Street (from Stapletons Road to 98 Warden Street)
- Shirley Intermediate School
- Banks Avenue to River Road

Warden Street

There were ten (10) street trees within the survey area that were in relatively poor condition. These trees may require removal and replacement as part of the works (also identified in Option B).

The street trees in Warden Street were of a relatively low quality, and as part of the project there is an opportunity for street tree renewals within the affected section of the street.

Shirley Intermediate School

There were ten (10) trees on the North Parade frontage of Shirley Intermediate School, opposite Banks Avenue, that were surveyed and found to be in reasonably good condition. Four (4) of these trees may require removal and replacement as part of the works. These trees form part of a row of mature, large growing, exotic deciduous species that were planted along the school frontage, opposite the length between Banks Avenue and Marian College.

Banks Avenue

There were two hundred and sixty-four (264) trees and shrubs surveyed within Banks Avenue (between Dudley Creek and Banks Avenue road carriageway). They were found to be of mixed species, age and size, and the condition ranged from Good to Very-Poor. One hundred and eight (108) of these trees and shrubs would require removal and replacement as part of the works.

Banks Avenue has areas with significant established trees located on or near the creek bank, which contribute greatly to the landscape character of the street. There are also areas with trees and shrubs that provide relatively low amenity value due to the species profile, age, size and condition.

In addition to the normal decline expected of trees towards the end of their lives, a number of trees within Banks Avenue appeared to have been affected by the earthquakes (due to movement and changes in ground levels, water levels and quality, soil composition, etc.) including both dead trees and trees in an advanced state of decline, especially towards River Road.

3.2 Option B

- Warden Street (from Stapletons Road to 98 Warden Street)
- Shirley Intermediate School
- North Parade (outside Marian College)
- Marian College
- Richmond Park
- Residential Red Zone (RRZ) land (route not surveyed), or
- o 39 Medway Street to River Road (alternate Option B route to avoid RRZ land)

Warden Street: as per the Option A route noted in Section 3.1, this option includes work on the same stretch of Warden Street where there are 10 trees of low quality that may be replaced as part of the works.

Shirley Intermediate School: (note this is different to the route through Shirley Intermediate School in Option A) there were five (5) trees on the North Parade frontage opposite Marian College that were in reasonably good condition. These trees form a group of mature, exotic deciduous species located opposite Marian College, and may require removal and replacement as part of the works.

North Parade: outside Marian College there were fifteen (15) trees and shrubs of mixed species, age and size, and the condition ranged from Good to Poor. Based upon the proposed alignment and construction method, it is expected that these trees and shrubs can be retained and protected during the works.

Marian College: there were twenty-three (23) trees and shrubs near the southern boundary of the Marian College property that were of mixed species, age and size, and the condition ranged from Good to Poor. Twenty-two (22) of these trees and shrubs may require removal and replacement as part of the works, and one (1) commemorative tree could be transplanted if required.

Richmond Park: there are two possible routes from the north-western corner of Richmond Park; the main Option B route which runs from the south-western boundary of Marian College to the Woodchester Avenue entrance, and then through Residential Red Zone land to the Avon River, and an alternative Option B route which runs from the south-western boundary of Marian College to the walkway at 39 Medway Street, and then along Medway Street to the Avon River at River Road, to avoid the RRZ.

Main Option B: There were five (5) trees surveyed in the north-western corner of Richmond Park, which were in reasonably good condition, and two (2) of these trees may require removal and replacement during the works. Five (5) trees were surveyed near the Woodchester Avenue entrance of the park, and one (1) tree which is in poor condition, may require removal and replacement.

Alternate Option B: As per the Option B route above, two (2) of the five (5) trees surveyed in the north-western corner of Richmond Park may require removal and replacement. Between the north-western corner of Richmond Park and 39 Medway Street there were an additional nine (9) trees surveyed, that were of mixed species, age and size, and the condition ranged from Good to Fair. Three (3) of these trees may require removal and replacement as part of the works. Also, on the corner of Medway Street and River Road there were two (2) trees surveyed and found to be in Fair condition. One (1) of these trees may require removal and replacement as part of the works.

3.3 Option C

- Stapletons Road (from Warden Street, along Dudley Creek and to Petrie Street some trees on private land not surveyed)
- Petrie Street to Randall Street (trees not affected)
- o Randall Street to Medway Street
- Medway Street to River Road

Stapletons Road: from Warden Street to Dudley Street there were seventy-seven (77) trees and shrubs of mixed species, age and size, and the condition ranged from Good to Very-Poor. Fifty (50) of these trees and shrubs may require removal and replacement as part of the works.

Stapletons Road has areas with significant established trees located on or near the creek bank, which contribute greatly to the landscape character of the street. Similarly to Banks Avenue, there are also areas with trees and shrubs that provide relatively low amenity value due to the species profile, age, size and condition.

In addition to the normal decline expected of trees towards the end of their lives, a number of trees within Stapletons Road may have also been affected by the earthquakes (due to movement and changes in ground levels, water levels and quality, soil composition, etc.) and some trees were declining in health.

Stapletons Road to Petrie Street: although not included in the tree survey due to being on private property, it is estimated that there are up to thirteen (13) trees in this section that may be affected by this option, including trees of mixed species, age and size, and the condition ranged from Good to Very-Poor.

Randall Street to Medway Street: on the corner of Randall Street and North Parade there were five (5) street trees surveyed and on the corner of Medway Street and North Parade there were eleven (11) street trees surveyed. The trees were found to be of mixed species, age and size, and the condition ranged from Good to Fair. Six (6) of these street trees may require removal and replacement as part of the works, targeted for areas of poorer quality trees.

Medway Street to River Road: on the corner of Medway Street and River Road there were two (2) trees surveyed and found to be in Fair condition. One (1) of these trees may require removal and replacement as part of the works.

4.0 Conclusions

Based upon current concept designs, the three options are expected to result in the removal and replacement of the following tree and shrub quantities.

- **Option A** may result in the removal of 122 trees and shrubs (of 284 surveyed), and includes Banks Avenue;
- Option B may result in the removal of 44 trees and shrubs (of 74 surveyed); and,
- **Option C** may result in the removal of 70 trees and shrubs (of 108 surveyed), and includes parts of Stapletons Road, south of Warden Street.

The life expectancy of existing trees and shrubs varied, with approximately 30% having a short term life expectancy (less than 10 years), 30% medium term life expectancy (10 to 20 years) and 40% having a long term life expectancy (greater than 20 years).

Trees like all living organisms go through growth and decline cycles. In addition to the normal decline expected of trees towards the end of their life, a number of trees in the project area appeared to have been adversely affected by the changes in ground conditions (e.g. movement, ground levels, water levels and quality, soil composition, etc.) caused by the earthquakes, especially some parts of Banks Avenue and to a lesser degree parts of Stapletons Road.

It is expected that the majority of trees and shrubs assessed as having short and medium term life expectancies would eventually be removed by Council as part of routine maintenance. This is currently required in some areas of Banks Avenue and Stapletons Road, and in Warden Street.

The Dudley Creek Flood Remediation project will provide opportunities to remove and replace the trees and shrubs where the works occur, and is expected to improve the overall quality of the tree and shrub populations in those areas through appropriate landscaping and replacement planting.

Further detail regarding replacement planting is contained in Section 7.2 of the Dudley Creek Flood Remediation Downstream Options Report.

Laurie Gordon Arborist

TreeID	Option Address	Street	CCC/Private CCCID	AssetType	BotanticalName	CommonName	Nat/Ex	Age	Height	Canopy D	DBH E	Base Health	Structure	Shape	LifeExp	Effect	s Comments
		Warden Street	CCC 43668	Street	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Mature	Small 0-6m	2		0.25 Poor		••••••	Short	Remove	
		Warden Street Warden Street	CCC 43710 CCC 43670	Street Street	Sophora tetraptera Sophora tetraptera	Large-leaved Kowhai Large-leaved Kowhai	Native Native	Mature Mature	Small 0-6m Small 0-6m	3	0.15	0.15 Poor 0.35 Fair		;·····	Short Short	Remove Remove	
	A - B 66 Warden Street	Warden Street	CCC 43671	Street	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Semi-Mature	Small 0-6m	2	0.1	0.15 Fair	Poor	:	Short	Remove	
		Warden Street Warden Street	CCC 43706 CCC 43705	Street Street	Prunus cerasifera Nigra Prunus cerasifera Nigra	Purple-leaf Cherry Plum Purple-leaf Cherry Plum	Exotic Exotic	Mature Semi-Mature	Medium 6-10m Small 0-6m		0.35 0.15	0.4 Poor 0.15 Fair	Poor Poor	Ŷ	Short Short	Remove	
2106	A - B 80 Warden Street	Warden Street	CCC 43675	Street	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Mature	Medium 6-10m	5	0.4	0.45 Fair	Poor	Poor	Short	Remove	
		Warden Street Warden Street	CCC 43677 CCC 43702	Street Street	Prunus cerasifera Nigra Prunus cerasifera Nigra	Purple-leaf Cherry Plum Purple-leaf Cherry Plum	Exotic Exotic	Mature Mature	Medium 6-10m Small 0-6m	4	0.3	0.25 Poor 0.25 Very Poor	Fair Very Poor	\$	Short Short	Remove Remove	Dead
		Warden Street	CCC 43681	Street	Sophora microphylla	Kowhai	Native	Juvenile	Small 0-6m		0.15	0.15 Fair	Poor	;	Medium	Remove	Decid .
2115		Shirley Intermediate	Private Private		Platanus x acerifolia	London Plane	Exotic	Mature Mature	Large 10-15m	14 9	0.9 0.4	0.8 Good	Good	<u> </u>	Long	Clear Clear	
2116 2117		Shirley Intermediate Shirley Intermediate	Private		Tilia sp. Platanus orientalis	Oriental Plane	Exotic Exotic	Mature	Large 10-15m Large 10-15m	18	0.4	0.6 Good 1.15 Good	Good Good	ļā	Long Long	Clear	
2118		Shirley Intermediate	Private		Tilia sp.	Lime	Exotic	Mature	Large 10-15m	10	0.5	0.7 Good	Good	·	Long	Clear	
2119 2120		Shirley Intermediate Shirley Intermediate	Private Private		Platanus x acerifolia Tilia sp.	London Plane Lime	Exotic Exotic	Mature Mature	Large 10-15m Large 10-15m		0.45	0.65 Good 0.65 Good	Good Good	·····	Long Long	Remove Remove	
2121		Shirley Intermediate	Private		Platanus x acerifolia	London Plane	Exotic	Mature	Large 10-15m	14	0.7	0.95 Good	Good	Good	Long	Remove	
2122 2123	A 60 Shirley Road (Nth Pde) 60 Shirley Road (Nth Pde)	Shirley Intermediate Shirley Intermediate	Private Private		Tilia sp. Platanus x acerifolia	Lime London Plane	Exotic Exotic	Mature Mature	Medium 6-10m Large 10-15m		0.45 0.65	0.5 Good 0.95 Good	Good Good	Good Good	Long Long	Remove Clear	
2124		Shirley Intermediate	Private		Tilia sp.	Lime	Exotic	Mature	Large 10-15m	10	0.45	0.6 Good	Fair	Fair	Long	Clear	
21 21A		Banks Avenue Banks Avenue	CCC 43589 CCC	SPRZ SPRZ	Malus x purpurea Berberis sp.	Purple Crab Apple Barberry	Exotic Exotic	Mature Semi-Mature	Small 0-6m Small 0-6m	5.5 c	0.2	0.3 Poor 0.6 Fair	···•	·····	Short Medium	Clear Clear	Low foliage density. Dieback with poor form from historic pruning.
23		Banks Avenue	CCC 91993	SPRZ	Liquidambar styraciflua	Sweet Gum	Exotic	Semi-Mature	Small 0-6m	3	0.1	0.3 Good		·	Long	Clear	
24A		Banks Avenue	CCC 137193	SPRZ	Cordyline australis	Cabbage Tree	Native	Juvenile	Small 0-6m	1	0.1	0.1 Fair		Fair	Long	Clear	
24 25A		Banks Avenue Banks Avenue	CCC 43586 CCC 43588	SPRZ SPRZ	Prunus cerasifera Nigra Prunus cerasifera Nigra	Purple-leaf Cherry Plum Purple-leaf Cherry Plum	Exotic Exotic	Semi-Mature Mature	Small 0-6m Medium 6-10m	4 7	0.15 0.6	0.2 Fair 0.6 Fair		·	Medium Medium	Clear Clear	Multi stem form with partially collapsed stems
25	A 152 North Parade	Banks Avenue	CCC 43585	SPRZ	Liriodendon tulipifera	Tulip Tree	Exotic	Mature	Very Large 15m+	20	1.4	1.6 Fair		ô	\$	Clear	Apical dieback/deadwood within canopy with weak branch attachments
26 39A		Banks Avenue Banks Avenue	CCC 91992	SPRZ SPRZ	Prunus laurocerasus Acre palmatum	Japanese Maple	Exotic Exotic	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	5 2	0.2	0.3 Fair 0.1 Fair			Medium Long	Clear Clear	Suppressed form
39	A 152 North Parade	Banks Avenue	CCC	SPRZ	Berberis sp.	Barberry	Exotic	Semi-Mature	Small 0-6m	S		0.6 Fair	Fair	Poor	Medium	Clear	
43 42		Banks Avenue Banks Avenue	CCC 43584	SPRZ SPRZ	Berberis sp. Liriodendon tulipifera	Barberry Tulip Tree	Exotic Exotic	Semi-Mature Mature	Small 0-6m Very Large 15m+	4 26	0.6 1.7	0.6 Fair 1.8 Fair	Fair Poor		Medium Medium	Remove Clear	Deadwood Large weighted co-dominant stems with included junctions
44	A 152 North Parade	Banks Avenue	CCC 91928	SPRZ	Prunus sp.	Flowering Cherry	Exotic	Semi-Mature	Small 0-6m	5	0.15	0.25 Good	Fair	Good	Long	Remove	
49 40		Banks Avenue Banks Avenue	CCC 43583 CCC 137317	SPRZ SPRZ	Betula pendula Alnus cordata	Silver Birch Italian Alder	Exotic Exotic	Mature Mature	Large 10-15m Large 10-15m		0.65	0.85 Good 0.35 Good	Fair Fair		Medium Medium	Remove Clear	Large lower trunk wound, extensive decay
2125		Banks Avenue	CCC 137908		Betula pendula	Silver Birch	Exotic	Mature	Medium 6-10m		0.25	0.4 Good		;······	Long	Clear	Suppressed by neighbouring tree
2126		Banks Avenue Banks Avenue	CCC 20724 CCC 43582	Street SPRZ	Platanus x acerifolia Griselinia littoralis	London Plane Broadleaf	Exotic Native	Mature Mature	Very Large 15m+ Small 0-6m	16 5	0.8	1.1 Good 0.45 Fair	Good Fair		Long Medium	Clear Remove	
51		Banks Avenue	CCC 43582	SPRZ	Cordyline australis	Cabbage Tree	Native	Mature	Medium 6-10m		0.45	0.75 Fair	Fair	Fair	Long	Remove	
52A		Banks Avenue Banks Avenue	CCC 91991	SPRZ SPRZ	Cotoneaster sp. Cordyline australis	Cotoneaster	Exotic Native	Semi-Mature Juvenile	Small 0-6m Small 0-6m	5 1	0.1 0.15	0.5 Poor 0.2 Fair	Very Poor Fair	Very Poor Fair	Short Long	Remove Remove	Buttress decay and extensive root damage. Leaning stem.
54		Banks Avenue	CCC 91991	SPRZ	Castanea sativa	Cabbage Tree Sweet Chestnut	Exotic	Mature	Medium 6-10m	7	0.13	0.8 Very Poor		\$	Short	Remove	Suppressed form with significant dieback/deadwood
55 55A	A 16 Banks Ave	Banks Avenue	CCC 43577	SPRZ	Quercus robur	English Oak	Exotic	Mature	Very Large 15m+	18 3	1	1 Poor	Poor	Poor	Short	Remove	Apical dieback with reduced vigour/foliage density
56A	· · · · · · · · · · · · · · · · · · ·	Banks Avenue Banks Avenue	CCC 91929	SPRZ SPRZ	Cotoneaster sp. Pseudopanax crassifolius	Cotoneaster Lancewood	Exotic Native	Semi-Mature Mature	Small 0-6m Small 0-6m	0.5	0.4	0.4 Fair 0.1 Fair	Fair Fair	Fair Fair	Short Long	Remove Remove	
56		Banks Avenue	CCC 43576	SPRZ	Podocarpus totara	Totara	Native	Semi-Mature	Medium 6-10m		0.15	0.2 Good	Poor	.	Long	Remove	Suppressed to south
58		Banks Avenue Banks Avenue	CCC 137311 CCC 43574	SPRZ SPRZ	Arbutus unedo Cordyline australis	Strawberry Tree Cabbage Tree	Exotic Native	Semi-Mature Mature	Small 0-6m Small 0-6m	4	0.15	0.4 Fair 0.8 Fair		·····	Short Long	Remove Remove	Suppressed form with past removal of x3 stems at base. Bark damage from past branch loss
60		Banks Avenue	CCC	SPRZ	Hypericum sp.	St Johns Wort	Exotic	Semi-Mature	Small 0-6m	3	0.3	0.4 Fair			Medium	Remove	
69 74		Banks Avenue Banks Avenue	CCC 43573 CCC 43572	SPRZ SPRZ	Taxus baccata Ulmus glabra	Common Yew Wych Elm	Exotic Exotic	Mature Mature	Small 0-6m Large 10-15m	5 11	0.6	0.8 Fair 0.9 Fair	Poor Poor	Poor Poor	Medium Medium	Remove Remove	Poor form with low spreading habit. Part pruned for stream access Co-dominant stem forking at base. Form defined by utility pruning
76	A 22 Banks Ave	Banks Avenue	CCC 43571	SPRZ	Cordyline australis	Cabbage Tree	Native	Mature	Medium 6-10m	2	0.25	0.4 Poor	Poor	Poor	Short	Remove	Internal decay main stem with bark cracking
75 90		Banks Avenue Banks Avenue	CCC 43570 CCC 136917	SPRZ SPRZ	Podocarpus totara Oleria traversiorum	Totara Chatham Islands Akeake	Native Native	Mature Mature	Medium 6-10m Medium 6-10m	6 5	0.3	0.5 Fair 0.6 Fair		·	Medium Medium	Remove Clear	Main leader/lateral branches removed for utility line clearance Form defined by suppression/historic pruning
91	A 22 Banks Ave	Banks Avenue	CCC 137096	SPRZ	Griselinia littoralis	Broadleaf	Native	Mature	Medium 6-10m	6	0.8	1 Fair	Fair	Fair	(Clear	
92 93A		Banks Avenue Banks Avenue	CCC 137192 CCC 91990	SPRZ SPRZ	Cordyline australis Acre palmatum	Cabbage Tree Japanese Maple	Native Exotic	Mature Semi-Mature	Medium 6-10m Small 0-6m	2.5	0.3	0.7 Fair 0.1 Fair	Poor Fair	Poor Poor	Medium	Remove Remove	Suppressed by group planting Suppressed form by group planting
89	A 22 Banks Ave	Banks Avenue	CCC 136776	SPRZ	Pseudopanax crassifolius	Lancewood	Native	Mature	Medium 6-10m		0.25	0.3 Fair	Fair	Fair	Long	Remove	Suppressed form by group planting
88		Banks Avenue Banks Avenue	CCC 91989 CCC 136683	SPRZ SPRZ	Liquidambar styraciflua Ulmus glabra	Sweet Gum Wych Elm	Exotic Exotic	Semi-Mature Semi-Mature	Medium 6-10m Medium 6-10m	4 6	0.1 0.15	0.15 Good 0.2 Fair	Fair Poor	·····	Long Long	Remove Remove	Suppressed form from group planting
95		Banks Avenue	CCC 137091	SPRZ	Griselinia littoralis	Broadleaf	Native	Mature	Small 0-6m		0.65	0.7 Poor		0	Short	Remove	Bark cracking with decay in selected branches. Part suppressed
97 95A		Banks Avenue Banks Avenue	CCC 137093 CCC 137090		Griselinia littoralis Hoheria augustifolia	Broadleaf Narrow-leaved Lacebark	Native Native	Mature Semi-Mature	Small 0-6m Medium 6-10m	6	0.3 0.15	0.5 Poor 0.2 Fair	Poor Fair		Short Medium	Remove Remove	Canopy dieback/low vigour
94		Banks Avenue Banks Avenue	CCC 136847	SPRZ	Hoheria augustifolia	Narrow-leaved Lacebark	Native	Semi-Mature	Medium 6-10m		0.15	0.2 Fair 0.2 Fair	Poor	į	Medium	Remove	Upper canopy growth only from suppression Upper canopy growth only from suppression
96A		Banks Avenue	CCC 91988 CCC 136684	SPRZ	Nothofagus fusca	Red Beech	Native	Juvenile Semi-Mature	Small 0-6m	3	0.1 0.15	0.1 Fair	Fair		Long	Remove	
96 97A		Banks Avenue Banks Avenue	CCC 136684 CCC	SPRZ SPRZ	Ulmus glabra Plagianthus regius	Wych Elm Ribbonwood	Exotic Native	Juvenile	Medium 6-10m Small 0-6m	2	0.15	0.25 Fair 0.1 Fair	Poor Fair		Long Long	Remove Remove	Suppressed by group planting Suppressed by group planting
99A		Banks Avenue	CCC 127003	SPRZ	Pittosporum eugenioides	Lemonwood	Native	Juvenile	Small 0-6m	2	0.1	0.1 Fair	Poor	;·····	Medium	Remove	Part suppressed by neighbouring Broadleaf
98		Banks Avenue Banks Avenue	CCC 137092 CCC 136686	SPRZ SPRZ	Griselinia littoralis Ulmus glabra	Broadleaf Wych Elm	Native Exotic	Mature Mature	Medium 6-10m Very Large 15m+	8 20	0.6 2.1	0.9 Poor 2.1 Poor	Poor Poor	Poor Poor	Short Short	Remove Remove	Form defined by suppression/historic pruning X3 co-dominant stems with cable bracing. Apical dieback/deadwood
107		Banks Avenue	CCC 136685	SPRZ	Ulmus glabra	Wych Elm	Exotic	Mature	Very Large 15m+	15	1.1	1.3 Poor	Poor	••••••••••••••••••••••••••••••••••••••	Short	Remove	X2 co-dominant stems. Low vigour with apical dieback/deadwood
109 108		Banks Avenue Banks Avenue	CCC 136774 CCC 137177		Pseudopanax crassifolius Cryptomeria japonica	Lancewood Japanese Cedar	Native Exotic	Mature Mature	Medium 6-10m Large 10-15m	5 7	0.3	0.45 Good 0.7 Poor			Long Short	Remove Remove	Significant dieback/deadwood with reduced vigour
111	A 24 Banks Ave	Banks Avenue	CCC 137191	SPRZ	Cordyline australis	Cabbage Tree	Native	Mature	Medium 6-10m	2	0.2	0.4 Fair	Fair	Fair	Long	Remove	
110 108A		Banks Avenue Banks Avenue	CCC 136775 CCC 91986	SPRZ SPRZ	Pseudopanax crassifolius Magnolia grandiflora	Lancewood Southern Magnolia	Native Exotic	Mature Juvenile	Medium 6-10m Small 0-6m	2.5	0.2	0.35 Fair 0.1 Fair	Poor Fair	Poor Poor	Medium Long	Remove Remove	Reduced vigour with reduced foliage density Suppressed form
112	A 32 Banks Ave	Banks Avenue	CCC 137094	SPRZ	Griselinia littoralis	Broadleaf	Native	Mature	Medium 6-10m	6	0.45	0.6 Fair	Poor	Poor	Medium	Remove	Suppressed form
112A 113		Banks Avenue Banks Avenue	CCC 137156 CCC 136697		Dodonea sp. Tilia x europaea	Purple Akeake Common Lime	Native Exotic	Mature Mature	Medium 6-10m Very Large 15m+	4 16	0.15	0.25 Fair 1.4 Good	Very Poor Fair	••••••	Short_ Long	Remove Remove	Heavy lean of main stem with upper canopy growth only
113A	A 32 Banks Ave	Banks Avenue	CCC	SPRZ	Ulmus sp.	Elm	Exotic	Juvenile	Small 0-6m	4	0.15	0.2 Fair	Fair	Poor	Long	Clear	Suppressed form
113B 114A	······································	Banks Avenue Banks Avenue	CCC 137340	SPRZ SPRZ	Pseudopanax sp. Acre palmatum	Five Finger Japanese Maple	Native Exotic	Juvenile Juvenile	Small 0-6m Small 0-6m	3	0.2	0.2 Fair 0.1 Fair	Poor Fair	r	Medium Long	Remove Remove	Suppressed form Suppressed form
114	A 32 Banks Ave	Banks Avenue	CCC 136919	SPRZ	Dodonea sp.	Golden Akeake	Native	Mature	Medium 6-10m		0.45	0.5 Poor	Poor	Poor	Short	Remove	Reduced vigour with low foliage density. Bark damage to branch
115 129		Banks Avenue Banks Avenue	CCC 137194 CCC 137095		Cordyline australis Griselinia littoralis	Cabbage Tree Broadleaf	Native Native	Mature Mature	Medium 6-10m Medium 6-10m	3 9	0.5 1.4	0.8 Poor 1.4 Poor	Poor Poor		Short Short	Remove Remove	Historic bark damage/loss to main stem Reduced vigour with cracks/cavities to branches. Ganoderma sp. fungal bracket at 0.3m ht
129 115A		Banks Avenue Banks Avenue	CCC 137095 CCC 136840		Prunus avium	Wild Cherry	Exotic	Mature	Large 10-15m		0.65	1.4 Poor 1.1 Poor		\$	Short	Remove	Apical dieback/deadwood with reduced vigour/foliage density. X3 co-dominant stems
134		Banks Avenue	CCC 43807	SPRZ	Acer pseudoplatanus	Sycamore Cabbago Troo	Exotic	Mature	Large 10-15m	5 4	0.35	0.5 Poor 0.8 Fair		·····	Short	Remove	Apical dieback/deadwood with reduced vigour/foliage density.
135 136		Banks Avenue Banks Avenue	CCC 43805 CCC 43803	SPRZ SPRZ	Cordyline australis Cordyline australis	Cabbage Tree Cabbage Tree	Native Native	Mature Mature	Medium 6-10m Medium 6-10m	4	0.4 0.6	0.85 Poor	Fair Poor		Medium Short	Remove Remove	Severe heartwood decay with reduced structural integrity.
138		Banks Avenue	CCC 43802	SPRZ	Cordyline australis	Cabbage Tree	Native	Mature	Small 0-6m	3	0.6	0.6 Fair	Fair	Fair	Medium	Remove	
133 137		Banks Avenue Banks Avenue	CCC 136687 CCC 137073	SPRZ SPRZ	Ulmus glabra Ilex aquifolium	Wych Elm Common Holly	Exotic Exotic	Semi-Mature Mature	Medium 6-10m Medium 6-10m	5 7	0.2	0.3 Fair 0.75 Poor	Fair Poor	;	Medium Short	Remove Remove	Reduced vigour with low foliage density
138A	A 32 Banks Ave	Banks Avenue	CCC	SPRZ	Acer pseudoplatanus	Sycamore	Exotic	Juvenile	Small 0-6m	2	0.1	0.15 Fair	Fair	Fair	Long	Remove	
140 141		Banks Avenue Banks Avenue	CCC 43801	SPRZ SPRZ	Cordyline australis Coprosma sp.	Cabbage Tree Coprosma	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3 4	0.6	0.6 Fair 0.3 Fair	Fair Fair	,	Long Long	Remove Remove	

TreeID	Option Address	Street	CCC/Private CCC	CID AssetType	BotanticalName	CommonName	Nat/Ex	Age	Height	Canopy DBH	Base Health	Structure	Shape	LifeExp	Effects	Comments
141A A	34 Banks Ave	Banks Avenue	CCC 43800		Sophora tetraptera	Large-leaved Kowhai	Native	Mature	Medium 6-10m	6 0.55	0.7 Fair	Poor	·å······	Medium	Remove	Partially suppressed to east
142 A 143 A	34 Banks Ave 34 Banks Ave	Banks Avenue Banks Avenue	CCC 43799 CCC 43798		Cordyline australis Plagianthus regius	Cabbage Tree Ribbonwood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	1 0.15 1 0.1	0.2 Fair 0.2 Very Poor	Poor Very Poor		Long Short	Remove Remove	Suppressed by group planting Dead tree
145 A	34 Banks Ave	Banks Avenue	CCC 43797		Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1 0.15	0.2 Very Poor 0.2 Fair	Poor	·•·····	Long	Remove	Suppressed by group planting
144 A	34 Banks Ave	Banks Avenue	CCC 43795		Acre palmatum	Japanese Maple	Exotic	Mature	Medium 6-10m	8 0.65	0.65 Fair	Poor		Medium	Remove	X2 co-dominant stems with included junction
145A A	34 Banks Ave 34 Banks Ave	Banks Avenue Banks Avenue	CCC 91930	SPRZ SPRZ	Pittosporum eugenioides Podocarpus totara	Lemonwood Totara	Native Native	Juvenile Semi-Mature	Small 0-6m Small 0-6m	0.4 0.1 3 0.1	0.1 Fair 0.15 Good	Fair Fair	···············	Long Long	Remove Remove	Group x8 new plantings
157A A	34 Banks Ave	Banks Avenue	CCC	SPRZ	Hypericum sp.	St Johns Wort	Exotic	Semi-Mature	Small 0-6m	4 0.2	0.2 Fair	Fair		Medium	Remove	
158 A	34 Banks Ave	Banks Avenue	CCC 91931		Tilia x europaea	Common Lime	Exotic	Semi-Mature	Medium 6-10m	5 0.15	0.2 Good	Good	.;	Long	Remove	
157 A 161 A	34 Banks Ave 34 Banks Ave	Banks Avenue Banks Avenue	CCC 43794 CCC 136849		Prunus avium Plagianthus regius	Wild Cherry Ribbonwood	Exotic Native	Mature Semi-Mature	Large 10-15m Small 0-6m	8 0.45 2 0.1	\$	Poor Fair	·;·······	Short Long	Remove Clear	Reduced foliage density/vigour with apical dieback/deadwood
168A A	34 Banks Ave	Banks Avenue	CCC	SPRZ	Hypericum sp.	St Johns Wort	Exotic	Semi-Mature	Small 0-6m	S	Good	Fair		Medium	Clear	
169A A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC 91932 CCC 43792		Liquidambar styraciflua Salix fragilis	Sweet Gum Crack Willow	Exotic Exotic	Semi-Mature Mature	Small 0-6m Very Large 15m+	2.5 0.1 22 1.1	0.15 Fair 1.4 Good	Poor Fair	.;	Long Medium	Clear	Part suppressed to south east Pruning work required to mitigate structural defects, incl. potential crown reduction
169 A	36 Banks Ave	Banks Avenue	CCC 43791		Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Large 10-15m	9 0.75	0.8 Fair	Poor	.;	Short	Clear	Multi stem form with past stem failure. Suppressed to south
170 A	36 Banks Ave	Banks Avenue	CCC 137089		Hoheria augustifolia	Narrow-leaved Lacebark	Native	Semi-Mature	Small 0-6m	3 0.15	0.2 Very Poor	Very Poor		Short	Clear	Dead tree
171 A 172 A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC 43787 CCC 136848		Pittosporum tenuifolium Plagianthus regius	Kohuhu Ribbonwood	Native Native	Mature Semi-Mature	Large 10-15m Medium 6-10m	10 1.2 5 0.2	0.7 Fair 0.25 Fair	Poor Poor	÷	Medium Short	Clear Clear	Multi stem form. Suppressed to west Heavily suppressed to south
173 A	36 Banks Ave	Banks Avenue	CCC 43790		Ilex aquifolium	Common Holly	Exotic	Mature	Medium 6-10m	6 0.45	0.55 Fair	Poor		Medium	Clear	Group suppression defines form
171A A	36 Banks Ave	Banks Avenue	CCC 91933		Podocarpus totara	Totara	Native	Juvenile	Small 0-6m	2 0.1	0.1 Fair		·	Long	Clear	
172A A 184A A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC 91934 CCC 91935	······	Sophora microphylla Sophora microphylla	Small-leaved Kowhai Small-leaved Kowhai	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3 0.1 3 0.1	\$	····•	·;·······	~~~~	Clear	Part suppressed
184 A	36 Banks Ave	Banks Avenue	CCC 43789	·····	Salix babylonica	Babylon Weeping Willow	Exotic	Mature	Very Large 15m+	18 1	1.5 Good		·		Clear	Historic large branch shedding to north
186 A	36 Banks Ave	Banks Avenue	CCC 43788		Ilex aquifolium	Common Holly	Exotic	Mature	Medium 6-10m	6 0.3	0.6 Fair	Poor	·:·····	Medium	Clear	Past pruning/suppression defines form
185 A 186A A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC CCC	SPRZ SPRZ	Hoheria sextylosa Plagianthus regius	Long-leaved Lacebark Ribbonwood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.1 4 0.1	0.2 Fair 0.15 Fair	Poor Poor		Medium Medium	Clear Clear	Suppressed to north Suppressed to north/east
187 A	36 Banks Ave	Banks Avenue	CCC 137195	5 SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	2 0.15	0.2 Fair	Fair	Poor	Medium	Clear	Suppressed to south
188 A 189 A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC 91936 CCC 13674	·····	Acre palmatum Salix babylonica	Japanese Maple Babylon Weeping Willow	Exotic Exotic	Mature Mature	Medium 6-10m Very Large 15m+	8 0.6 20 1.2	0.5 Fair 1.7 Good			Medium Medium	Clear Clear	Asymmetric canopy with weighted canopy over road. Historic branch failure
217 A	36 Banks Ave	Banks Avenue	CCC 136743		Ulmus parvifolia	Chinese Elm	Exotic	Semi-Mature	Medium 6-10m	6 0.3		Fair	Fair	Long	Clear	s symmetric controls with weighted camply over road, mistoric branch railure
218 A	36 Banks Ave	Banks Avenue	CCC 91940	SPRZ	Prunus x Yedoensis	Yoshino Cherry	Exotic	Semi-Mature	Small 0-6m	4 0.1	0.15 Good		Fair	Long	Clear	
219 A 219A A	36 Banks Ave 38 Banks Ave	Banks Avenue Banks Avenue	CCC 137336 CCC 91943		Acer pseudoplatanus Fraxinus ornus	Sycamore Manna Ash	Exotic Exotic	Mature Juvenile	Very Large 15m+ Small 0-6m	12 0.6 2 0.1	0.95 Good 0.1 Fair	Fair Poor		Medium Medium	Clear Clear	Heavily suppressed to west
228A A	38 Banks Ave	Banks Avenue	CCC 91944		Fraxinus ornus	Manna Ash	Exotic	Juvenile	Small 0-6m	2 0.1	} .	Poor		Medium	Clear	Heavily suppressed to west
228 A	36 Banks Ave	Banks Avenue Banks Avenue	CCC 13733		Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	9 0.4	\$			Medium		
229 A 230 A	36 Banks Ave 36 Banks Ave	Banks Avenue Banks Avenue	CCC 136872 CCC 137334		Pittosporum tenuifolium Acer pseudoplatanus	Kohuhu Sycamore	Native Exotic	Mature Mature	Medium 6-10m Very Large 15m+	5 0.25 12 0.5	0.3 Fair 0.85 Fair	Fair Fair	·•••••••••••••••••••••••••••••••••••••	Medium Medium	Clear	
230A A	38 Banks Ave	Banks Avenue	CCC 13687	3 SPRZ	Pittosporum tenuifolium	Kohuhu	Native	Juvenile	Small 0-6m	2.5 0.1	0.15 Fair	Fair	Poor	Medium	Clear	Suppressed to west
231 A	36 Banks Ave	Banks Avenue	CCC 136826	·····	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Semi-Mature Mature	Medium 6-10m	7 0.6 7 0.45	0.8 Fair	Fair Van Door	······	~~~~	Clear	In decline with 2/2rd defeliation of energy
232 A 233 A	36 Banks Ave 38 Banks Ave	Banks Avenue Banks Avenue	CCC 137342 CCC T17444		Acre palmatum Acer pseudoplatanus	Japanese Maple Sycamore	Exotic Exotic	Mature	Medium 6-10m Very Large 15m+	7 0.45 12 0.65	0.5 Very Poor 0.95 Fair	Very Poor Fair	.;	Short Medium	Clear Clear	In decline with 2/3rd defoliation of canopy
234 A	38 Banks Ave	Banks Avenue	CCC T17444		Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	12 0.8	1.2 Very Poor	Very Poor	Very Poor	Short	Remove	Significant decline with dieback/deadwood
234A A 266A A	38 Banks Ave 38 Banks Ave	Banks Avenue Banks Avenue	CCC 43866 CCC 43860		Ginkgo biloba Podocarpus totara	Ginkgo Totara	Exotic Native	Juvenile Juvenile	Small 0-6m Small 0-6m	1.5 0.1 3.5 0.15	0.1 Fair 0.15 Fair	Poor Fair	Poor Poor	Long Long	Remove Clear	Form defined by past pruning/suppression Suppressed form
264 A	38 Banks Ave	Banks Avenue	CCC T17445		Pittosporum tenuifolium	Kohuhu	Native	Semi-Mature	Medium 6-10m	6 0.25	0.25 Fair	Poor		Short	Remove	Suppressed asymmetric form
262 A	38 Banks Ave	Banks Avenue	CCC T1744	·····	Laurus nobilis	Sweet Bay	Exotic	Semi-Mature	Medium 6-10m	5 0.3	0.4 Fair	Poor		Short	Remove	Suppressed to west
265 A 266 A	38 Banks Ave 38 Banks Ave	Banks Avenue Banks Avenue	CCC 136827		Prunus cerasifera Nigra Ilex aquifolium	Purple-leaf Cherry Plum Common Holly	Exotic Exotic	Mature Semi-Mature	Medium 6-10m Medium 6-10m	8 0.35 6 0.2	0.4 Fair 0.35 Fair	····	·•······	Short Medium	Remove	X2 co-dominant stems with suppressed/asymmetric canopy Suppressed to south
267 A	38 Banks Ave	Banks Avenue	CCC 13733	······	Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	10 0.6	\$	Fair	·;·······	Medium	Clear	
263 A	38 Banks Ave	Banks Avenue	CCC 137333		Acer pseudoplatanus	Sycamore	Exotic	Mature	Large 10-15m	12 0.6	0.75 Fair	Poor	·:····	Medium	Remove	Suppressed/asymmetric canopy
268 A 268A A	52 Banks Ave 52 Banks Ave	Banks Avenue Banks Avenue	CCC 137332 CCC 91948		Acer pseudoplatanus Aristotelia serrata	Sycamore Wineberry	Exotic Exotic	Mature Juvenile	Very Large 15m+ Small 0-6m	9 0.55 1.5 0.1	0.6 Very Poor 0.1 Fair	Very Poor Fair	Very Poor Poor	Short Long	Remove Remove	Severe decline
269A A	52 Banks Ave	Banks Avenue	CCC	SPRZ	Rhododendron sp.	Rhododendron	Exotic	Mature	Small 0-6m	2 0.2	,	Very Poor	Very Poor	Short	Remove	Heavily pruned with dieback
270A A 272A A	52 Banks Ave 52 Banks Ave	Banks Avenue Banks Avenue	CCC 136870 CCC 136870		Pittosporum tenuifolium Pittosporum tenuifolium	Kohuhu Kohuhu	Native Native	Semi-Mature Semi-Mature	Medium 6-10m Small 0-6m	3 0.15 2 0.1	0.15 Fair 0.1 Fair	Fair Fair	·••	Medium Medium	Remove Remove	
270 A	52 Banks Ave	Banks Avenue	CCC	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	2 0.1	ç	Poor	•	Short	Remove	Reduced foliage density with dieback
273A A	52 Banks Ave	Banks Avenue	CCC	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	1.5 0.1	0.1 Very Poor	Very Poor	Very Poor	Short	Clear	Dead tree
271 A 271A A	52 Banks Ave 52 Banks Ave	Banks Avenue Banks Avenue	CCC 137330	0 SPRZ SPRZ	Acer pseudoplatanus Acer pseudoplatanus	Sycamore Sycamore	Exotic Exotic	Mature Semi-Mature	Very Large 15m+ Small 0-6m	9 0.55 5 0.12	0.85 Poor 0.2 Fair	Poor Poor	Poor Poor	Short Medium	Remove Remove	Reduced vigour with apical dieback throughout crown Heavy lean/asymmetric canopy from suppression
272 A	52 Banks Ave	Banks Avenue	CCC 137329	9 SPRZ	Acer pseudoplatanus	Sycamore	Exotic	Mature	Large 10-15m	7 0.3		Poor		Medium		Suppressed to south
273 A	52 Banks Ave	Banks Avenue	CCC 137328		Acer pseudoplatanus	Sycamore	Exotic	Mature	Large 10-15m	10 0.75				Medium	Remove	Multi stem form. Suppressed to south
269 A 274 A	52 Banks Ave 70 Banks Ave	Banks Avenue Banks Avenue	CCC 137333 CCC 136694		Acer pseudoplatanus Trachycarpus fortunii	Sycamore Chusan Palm	Exotic Exotic	Mature Mature	Very Large 15m+ Medium 6-10m	11 0.7 3 0.25	ò	Poor Fair	·å······	Short Medium	Remove Remove	Reduced vigour with significant apical dieback throughout crown
274A A	70 Banks Ave	Banks Avenue	CCC	SPRZ	Hydrangea macrophylla	Hydrangea	Exotic	Semi-Mature	Small 0-6m	2.5 0.2	0.2 Fair	Fair	Fair	Short	Remove	
294 A 306 A	70 Banks Ave 70 Banks Ave	Banks Avenue Banks Avenue	CCC 43251 CCC 43250		Prunus avium Prunus avium	Wild Cherry Wild Cherry	Exotic Exotic	Mature Mature	Large 10-15m Medium 6-10m	7 0.3 6 0.3	ç	Fair Fair	• 6 • • • • • • • • • • • • • • • • • •	Short Medium	Clear Clear	Crown dieback with reduced foliage density Suppressed canopy to east/west
307 A	70 Banks Ave	Banks Avenue	CCC 43249		Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	10 0.5	\$ 	Fair		Long	Clear	Supplies Supplies County West
308 A	70 Banks Ave	Banks Avenue	CCC 43248		Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	8 0.55	\$			Long	Clear	
309 A 310 A	70 Banks Ave 70 Banks Ave	Banks Avenue Banks Avenue	CCC 91952 CCC 43246		Liquidambar styraciflua Cordyline australis	Sweet Gum Cabbage Tree	Exotic Native	Semi-Mature Mature	Medium 6-10m Small 0-6m	3 0.1 3 0.5	0.2 Good 0.6 Good	Fair Fair		Long Long	Clear Clear	
311 A	70 Banks Ave	Banks Avenue	CCC 43245	SPRZ	Trachycarpus fortunii	Chusan Palm	Exotic	Mature	Medium 6-10m	3 0.2	0.3 Good	Good	Fair	Long	Clear	
312 A 323 A	76 Banks Ave 76 Banks Ave	Banks Avenue Banks Avenue	CCC 91953 CCC	SPRZ SPRZ	Cordyline australis Fraxinus ornus	Cabbage Tree Manna Ash	Native Exotic	Mature	Small 0-6m Medium 6-10m	3 0.3 6 0.3	\$ 		······	Long	Clear Clear	
323 A 324A A	76 Banks Ave 76 Banks Ave	Banks Avenue	CCC 43240		Pittosporum tenuifolium	Kohuhu	Native	Mature Mature	Medium 6-10m Medium 6-10m	6 0.3 6 0.35	\$.;	Long Medium	Clear	
325 A	76 Banks Ave	Banks Avenue	CCC 43239	SPRZ	Pittosporum tenuifolium	Kohuhu	Native	Mature	Medium 6-10m	5 0.4	0.35 Good	Fair	Fair	Medium	Clear	
326 A 324 A	76 Banks Ave 76 Banks Ave	Banks Avenue Banks Avenue	CCC 43238 CCC 43237		Pittosporum eugenioides Cordyline australis	Lemonwood Cabbage Tree	Native Native	Mature Mature	Medium 6-10m Medium 6-10m	4 0.35 2 0.2		Poor Fair	•••••••••••••••••••••••••••••••••••••••	Medium Long	Clear Clear	Suppressed to north
332 A	76 Banks Ave	Banks Avenue	CCC 43236	SPRZ	Acre palmatum	Japanese Maple	Exotic	Mature	Large 10-15m	13 0.7	0.75 Good	Fair	Fair	Medium	Clear	
333 A	76 Banks Ave	Banks Avenue	CCC 91954		Acer platanoides	Norway Maple	Exotic	Semi-Mature	Small 0-6m	3 0.15			~~~~~	Long	Clear	
334 A 346 A	76 Banks Ave 76 Banks Ave	Banks Avenue Banks Avenue	CCC 91955 CCC 91956		Acer platanoides Quercus palustris	Norway Maple Pin Oak	Exotic Exotic	Semi-Mature Semi-Mature	Small 0-6m Medium 6-10m	2.5 0.1 5 0.15		~~~	·;·······	Long Long	Remove Remove	
347 A	76 Banks Ave	Banks Avenue	CCC 91957	SPRZ	Ulmus procera	English Elm	Exotic	Semi-Mature	Small 0-6m	3 0.15	0.2 Fair	Poor	Poor	Long	Remove	Asymmetric canopy
348 A 372A A	76 Banks Ave 96 Banks Ave	Banks Avenue Banks Avenue	CCC 43232 CCC	SPRZ SPRZ	Ulmus procera Phormium sp.	English Elm Flax	Exotic Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3 0.15 1.5 0.2		Fair Fair		Long Medium	Remove Remove	
372A A	96 Banks Ave 96 Banks Ave	Banks Avenue Banks Avenue	CCC	SPRZ	Phormium sp. Phormium sp.	Flax	Native Native	Semi-Mature Mature	Small 0-6m Small 0-6m	1.5 0.2 4 0.3					Remove	
371A A	96 Banks Ave	Banks Avenue	CCC	SPRZ	Dacrycarpus dacrydioides	Kahikatea	Native	Semi-Mature	Small 0-6m	2.5 0.1	0.1 Fair	Fair	Poor	Long	Remove	Upper crown growth only
392A A	96 Banks Ave 96 Banks Ave	Banks Avenue Banks Avenue	CCC	SPRZ SPRZ	Buddleia sp. Cordyline australis	Buddleia Cabbage Tree	Exotic Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.15 3 0.4			·••	Short_ Long	Remove Clear	
394 A	96 Banks Ave	Banks Avenue	CCC	SPRZ	Hypericum sp.	St Johns Wort	Exotic	Semi-Mature	Small 0-6m	S 0.4	0.5 Fair	Fair		Medium	Clear	
392 A	96 Banks Ave	Banks Avenue	CCC 91960		Quercus robur	English Oak	Exotic	Semi-Mature	Medium 6-10m	7 0.15				Long	Remove	
393 A 395 A	96 Banks Ave 96 Banks Ave	Banks Avenue Banks Avenue	CCC	SPRZ SPRZ	Plagianthus regius Plagianthus regius	Ribbonwood Ribbonwood	Native Native	Semi-Mature Semi-Mature	Medium 6-10m Medium 6-10m	5 0.3 3 0.2	}	Poor Poor	.;	Short Short	Clear Clear	Reduced vigour/foliage density. Suppressed Reduced vigour/foliage density. Suppressed
396 A	96 Banks Ave	Banks Avenue	CCC	SPRZ	Hoheria augustifolia	Narrow-leaved Lacebark	Native	Semi-Mature	Medium 6-10m	3 0.25	\$	Fair	·••	Medium	·¿	
396A A	96 Banks Ave	Banks Avenue	CCC	SPRZ	Pittosporum eugenioides	Lemonwood	Native	Semi-Mature	Medium 6-10m	4 0.25		Fair		Medium		
397 A	96 Banks Ave	Banks Avenue	CCC	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	3 0.2	0.25 Fair	Poor	Poor	Short	Clear	Reduced vigour/foliage density. Suppressed

TreeID	Option Address	Street	CCC/Private CCCID AssetType	BotanticalName	CommonName	Nat/Ex	Age	Height	Canopy DBH	Base Health	Structure	Shape	LifeExp	Effec	cts Comments
398 A	96 Banks Ave		CCC SPRZ	Pittosporum eugenioides	Lemonwood	Native	Semi-Mature	Medium 6-10m	4 0.		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Medium	Clear	
399 A 400 A	96 Banks Ave 96 Banks Ave		CCC SPRZ CCC SPRZ	Pittosporum eugenioides Pittosporum eugenioides	Lemonwood Lemonwood	Native Native	Semi-Mature Semi-Mature	Medium 6-10m Small 0-6m	3 0. 3 0.			;·····	Short Medium	Clear Clear	Part suppressed Part suppressed
401A A	96 Banks Ave	Banks Avenue	CCC SPRZ	Pittosporum eugenioides	Lemonwood	Native	Semi-Mature	Medium 6-10m	4 0.2	5 0.3 Fair	····	\$	Medium	Clear	Upper canopy growth only
401 A	96 Banks Ave 96 Banks Ave		CCC SPRZ CCC SPRZ	Plagianthus regius Pseudopanax crassifolius	Ribbonwood Lancewood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.2 2 0.		Poor Fair	Ŷ	Short Long	Clear	Heavily suppressed
403 A	96 Banks Ave		CCC SPRZ	Pseudopanax crassifolius	Lancewood	Native	Semi-Mature	Small 0-6m	2 0.				Long	Clear	
404 A	96 Banks Ave 96 Banks Ave	~{·······	CCC SPRZ CCC SPRZ	Pittosporum eugenioides Sophora microphylla	Lemonwood Small-leaved Kowhai	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.1 1.5 0.1		····	\$	{	Clear Clear	Suppressed Suppressed to south
406 A	96 Banks Ave		CCC SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	5 0.2			;	Short	Clear	Dieback/defoliation to canopy (south side)
407 A	96 Banks Ave		CCC SPRZ	Pseudopanax crassifolius	Lancewood	Native	Semi-Mature	Small 0-6m	2 0.			÷	Long	Clear	
407A A	96 Banks Ave 96 Banks Ave		CCC SPRZ CCC SPRZ	Pittosporum tenuifolium Cordyline australis	Kohuhu Cabbage Tree	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.2 2.5 0.2		Poor Fair	Poor Fair	Medium Long	Clear Clear	Suppressed to east
409 A	96 Banks Ave		CCC SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	2.5 0.1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		;·····	Short	Clear	Dieback/asymmetric crown
418 A 420 A	1 96 Banks Ave 2 96 Banks Ave	~	CCC SPRZ CCC SPRZ	Pittosporum tenuifolium Pittosporum eugenioides	Kohuhu Lemonwood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3.5 0.4 5 0.1		····•		Medium Medium	Clear Clear	Suppressed
421 A	96 Banks Ave	Banks Avenue	CCC SPRZ	Cordyline australis	Cabbage Tree	Native	Mature	Small 0-6m	3 0.9			Fair	Long	Clear	
394 A 409A A	96 Banks Ave 96 Banks Ave		CCC SPRZ CCC SPRZ	Cordyline australis Plagianthus regius	Cabbage Tree Ribbonwood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3 0.4 3.5 0.	···		Fair Poor	Long Short	Clear Clear	Dieback central canopy
410 A	96 Banks Ave		CCC SPRZ	Pseudopanax crassifolius	Lancewood	Native	Juvenile	Small 0-6m	1 0.			Fair	Long	Clear	Dissect central carepy
411 A 421A A	96 Banks Ave 98 Banks Ave	~	CCC SPRZ CCC T135455 SPRZ	Dacrydium cupressinum Cordyline australis	Rimu Cabbage Tree	Native Native	Juvenile Semi-Mature	Small 0-6m Small 0-6m	1.5 0.1 1 0.1		····•	·····	Long Long	Clear Clear	Upper canopy growth only
426 A	98 Banks Ave		CCC SPRZ	Pittosporum eugenioides	Lemonwood	Native	Mature	Small 0-6m	4 0.			\$	Medium	Clear	Suppressed by neighbouring tree
427 A	100 Banks Ave		CCC 91985 SPRZ	Picea abies	Norway Spruce	Exotic	Mature	Medium 6-10m	6 0.			Fair	Long	Clear	
426A A	100 Banks Ave 100 Banks Ave		CCC 43229 SPRZ CCC 91963 SPRZ	Sophora microphylla Acre palmatum	Small-leaved Kowhai Japanese Maple	Native Exotic	Semi-Mature Juvenile	Small 0-6m Small 0-6m	3 0. 2.5 0.			Fair Poor	Medium Short	Clear Clear	Significant dieback and deadwood
428A A	100 Banks Ave	Banks Avenue	CCC 91983 SPRZ	Phebalium squameum	Satin Wood	Exotic	Juvenile	Small 0-6m	1.5 0.	1 0.1 Fair	Fair	Fair	Medium	Clear	
429 A 428 A	100 Banks Ave 100 Banks Ave		CCC 43228 SPRZ CCC SPRZ	Saliix caprea Sophora microphylla	Goat Willow Small-leaved Kowhai	Exotic Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	8 4 0.	1 1.2 Good 3 0.3 Very Poor			Medium Short	Clear Clear	Re-growth from collapsed stem Dead tree
431A A	100 Banks Ave	Banks Avenue	CCC 91964 SPRZ	Liquidambar styraciflua	Sweet Gum	Exotic	Juvenile	Small 0-6m	1.2 0.	1 0.1 Fair	Poor	Poor	Long	Clear	Heavily suppressed to north
431 A	100 Banks Ave 100 Banks Ave		CCC 43227 SPRZ CCC 43225 SPRZ	Podocarpus totara Chamaecyparis lawsoniana	Totara Lawson Cypress	Native Exotic	Semi-Mature Semi-Mature	Small 0-6m Medium 6-10m	5 0.2 ¹ 5 0.2 ¹		Fair Poor	;······	Long Short	Clear Clear	Suppressed with dieback/deadwood
433 A	100 Banks Ave	Banks Avenue	CCC 43224 SPRZ	Pseusotsuga menziesii	Douglas Fir	Exotic	Semi-Mature	Small 0-6m	3 0.	2 0.25 Very Poor	Very Poor	Very Poor	Short	Clear	Dead tree
430 A	100 Banks Ave 100 Banks Ave		CCC SPRZ CCC 43223 SPRZ	Rhododendron sp. Prunus avium	Rhododendron Wild Cherry	Exotic Exotic	Semi-Mature Mature	Small 0-6m Large 10-15m	4 0. 11 1.		Fair Fair		Medium Medium	Clear	
441 A	100 Banks Ave	Banks Avenue	CCC 43222 SPRZ	Sequoia sempevirens	Coast Redwood	Exotic	Mature	Large 10-15m	12 1.			;	Long	Clear	
442 A 453 A	100 Banks Ave 106 Banks Ave	}	CCC 91965 SPRZ CCC 43216 SPRZ	Acer platanoides Aucuba japonica	Norway Maple Japanese Laurel	Exotic Exotic	Juvenile Mature	Small 0-6m Small 0-6m	3 0. 4 0		Fair Fair		Long Medium	Clear Remove	
454 A	399 River Road	Banks Avenue	CCC 43213 SPRZ	Prunus avium	Wild Cherry	Exotic	Mature	Large 10-15m	8 0.	0.5 0.1		\$	Short	Remove	Dead tree
455 A 456 A	401 River Road 401 River Road		CCC 43212 SPRZ CCC 43210 SPRZ	Prunus avium Prunus avium	Wild Cherry Wild Cherry	Exotic Exotic	Mature Mature	Large 10-15m Large 10-15m	6 0.5 10 0.	~\$~ ~ ~~~~	Poor Poor	;	Short Short	Remove Remove	Significant dieback and deadwood Reduced vigour/foliage density. Early onset dieback
471 A	405 River Road	······································	CCC 43207 SPRZ	Hoheria sextylosa	Long-leaved Lacebark	Native	Mature	Large 10-15m	10 0.	1 0.9 Very Poor	····	\$	Short	Remove	
472 A 473 A	120 Banks Ave		CCC 43206 SPRZ CCC 43163 SPRZ	Acre pseudoplatanus	Sycamore Cut leaved Alder	Exotic	Mature	Large 10-15m	12 0. 10 0.		Poor	Poor	Short	Remove	Significant dieback and deadwood
473 A	120 Banks Ave 120 Banks Ave		CCC 43163 SPRZ CCC SPRZ	Alnus sp. Rhododendron sp.	Cut leaved Alder Rhododendron	Exotic Exotic	Mature Juvenile	Large 10-15m Small 0-6m	2 0.	.,,,	Very Poor Poor	Very Poor Poor	Short Medium	Remove Remove	Dead tree Asymmetric bush habit
475 A	120 Banks Ave		CCC SPRZ	Pittosporum eugenioides	Lemonwood	Native	Semi-Mature	Small 0-6m	2.5 0.1			;·····	Medium	Remove	Asymmetric canopy
474 A	120 Banks Ave 120 Banks Ave		CCC 43165 SPRZ CCC SPRZ	Hoheria sextylosa Hoheria sextylosa	Long-leaved Lacebark Long-leaved Lacebark	Native Native	Semi-Mature Semi-Mature	Medium 6-10m Medium 6-10m	3 0.1 4 0.2	undpuseurunununundpusurununununununununun	····	\$	Medium Short	Remove Remove	Upper crown growth only Significant dieback and deadwood
476A A	120 Banks Ave		CCC SPRZ	Hoheria sextylosa	Long-leaved Lacebark	Native	Semi-Mature	Medium 6-10m	3 0.1		Poor		Short	Clear	Significant dieback and deadwood
481 A	120 Banks Ave 120 Banks Ave		CCC 43205 SPRZ CCC SPRZ	Plagianthus regius Corokia sp.	Ribbonwood Corokia	Native Native	Semi-Mature Juvenile	Small 0-6m Small 0-6m	6 0.2 2 0.1		Fair Poor	·····	Short Short	Clear Clear	Dieback/defoliation to canopy Suppressed form
479A A	120 Banks Ave	Banks Avenue	CCC SPRZ	Corokia sp.	Corokia	Native	Juvenile	Small 0-6m	2 0.	1 0.1 Fair	Poor	Poor	Short	Clear	Suppressed form
480A A	120 Banks Ave 120 Banks Ave		CCC SPRZ CCC SPRZ	Corokia sp. Photinia x fraseri	Corokia Photinia Red Robin	Native Exotic	Juvenile Semi-Mature	Small 0-6m Small 0-6m	1 0. 5 0.			;	Short Medium	Clear Clear	Suppressed form
477 A	120 Banks Ave	Banks Avenue	CCC SPRZ	Hypericum sp.	St Johns Wort	Exotic	Semi-Mature	Small 0-6m	S	Fair	Fair	ô	Short	Remove	
482A A	120 Banks Ave 120 Banks Ave		CCC SPRZ CCC SPRZ	Cordyline australis Plagianthus regius	Cabbage Tree Ribbonwood	Native Native	Juvenile Juvenile	Small 0-6m Small 0-6m	1 0. 1 0.		Fair Poor	Fair Poor	Long Short	Clear Clear	Reduced vigour/low foliage density
482 A	120 Banks Ave	Banks Avenue	CCC 43204 SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	5 0.	3 0.3 Poor	Poor	Poor	Short	Clear	Dieback/defoliation
483A A	120 Banks Ave 120 Banks Ave		CCC 43203 SPRZ CCC 43202 SPRZ	Pittosporum tenuifolium Cordyline australis	Matipo Cabbage Tree	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	4 0.1 2 0.1		Poor Fair	•	Short_ Long	Clear Clear	Suppressed form
485A A	120 Banks Ave	Banks Avenue	CCC 43200 SPRZ	Sophora microphylla	Small-leaved Kowhai	Native	Juvenile	Small 0-6m	2 0.	1 0.15 Poor	Poor	Poor	Short	Clear	Dieback/suppressed
486A A	120 Banks Ave 120 Banks Ave	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CCC 43201 SPRZ CCC 43199 SPRZ	Cordyline australis Pittosporum eugenioides	Cabbage Tree Lemonwood	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	3.5 0.2 5 0.	······································	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Long Medium	Clear	
485C A	120 Banks Ave	Banks Avenue	CCC 43198 SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	4 0.2	5 0.25 Poor	Poor	Poor	Short	Clear	Dieback/defoliation
486B A	120 Banks Ave 120 Banks Ave		CCC 43197 SPRZ CCC 43196 SPRZ	Sophora microphylla Sophora tetraptera	Small-leaved Kowhai Large-leaved Kowhai	Native Native	Semi-Mature Mature	Small 0-6m Small 0-6m	3 0. 5 0.		Poor Poor	ô	Short Short	Clear	Suppressed form with dieback to south Significant dieback/deadwood
494 A	120 Banks Ave	Banks Avenue	CCC 43168 SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	4 0.2	5 0.3 Very Poor	Very Poor	Very Poor	Short	Clear	Dead tree
495 A	120 Banks Ave 120 Banks Ave		CCC 43169 SPRZ CCC 43171 SPRZ	Plagianthus regius Plagianthus regius	Ribbonwood Ribbonwood	Native Native	Semi-Mature Semi-Mature	Medium 6-10m Small 0-6m	5 0.2 6 0.2		Poor Fair	;	Short Short	Clear Clear	Dieback/defoliation Dieback/defoliation
496 A	120 Banks Ave	Banks Avenue	CCC 43172 SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	2 0.	2 0.3 Fair	Fair	Fair	Long	Clear	
498 A 500A A	120 Banks Ave 120 Banks Ave		CCC 43193 SPRZ CCC 91975 SPRZ	Fraxinus ornus Coprosma sp.	Manna Ash Coprosma	Exotic Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	6 0.1 4 0.1			Fair Poor	Long Medium	Clear	Suppressed form
499 A	120 Banks Ave	Banks Avenue	CCC 43192 SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	3 0.	1 0.15 Fair	Fair	Poor	Medium	Clear	Suppressed form
500 A 502 A	120 Banks Ave 120 Banks Ave		CCC 43191 SPRZ CCC 43190 SPRZ	Sophora microphylla Plagianthus regius	Small-leaved Kowhai Ribbonwood	Native Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	7 0.2 4 0.1		····	\$	Medium Short	Clear Clear	Suppressed form
501 A	120 Banks Ave	Banks Avenue	CCC SPRZ	Pittosporum eugenioides	Lemonwood	Native	Semi-Mature	Small 0-6m	5 0.2	5 0.3 Fair		,	\$	Clear	
503A A	411 River Road 411 River Road		CCC 43189 SPRZ CCC 43188 SPRZ	Griselinia littoralis Betula pendula	Broadleaf Silver Birch	Native Exotic	Semi-Mature Mature	Small 0-6m Medium 6-10m	5 0. 7 0.		;	<u> </u>	Medium Long	Clear Clear	Suppressed form Suppressed by group planting
505A A	411 River Road	Banks Avenue	CCC 43186 SPRZ	Sophora tetraptera	Large-leaved Kowhai	Native	Semi-Mature	Small 0-6m	3 0.	1 0.1 Fair	Poor			Clear	Suppressed by group planting
505 A 506 A	411 River Road 411 River Road		CCC 43187 SPRZ CCC 43185 SPRZ	Betula pendula Betula pendula	Silver Birch Silver Birch	Exotic Exotic	Mature Mature	Medium 6-10m Large 10-15m	9 0.3 8 0.		~~~;~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$	Long Long	Clear Clear	Suppressed by group planting
504 A	411 River Road	Banks Avenue	CCC 91976 SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	2 0.1	5 0.15 Very Poor		,	Short	Clear	Suppressed by group planting Dead tree
507 A 508 A	411 River Road 411 River Road		CCC 43184 SPRZ CCC 91977 SPRZ	Betula pendula Cordyline australis	Silver Birch Cabbage Tree	Exotic Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	8 0.1 1.5 0.1	\$	Fair Fair		Long Long	Clear Clear	Suppressed by group planting
509 A	411 River Road	Banks Avenue	CCC 43183 SPRZ	Betula pendula	Silver Birch	Exotic	Mature	Medium 6-10m	5 0.2	5 0.35 Fair	Fair		Long	Clear	Suppressed by group planting
510 A	411 River Road 411 River Road		CCC 43182 SPRZ CCC 43181 SPRZ	Betula pendula	Silver Birch Silver Birch	Exotic Exotic	Mature Mature	Medium 6-10m Medium 6-10m	6 0.2 7 0.2				Long	Clear Clear	Suppressed by group planting
511 A 512 A		~	CCC 91979 SPRZ	Betula pendula Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1.5 0.		~~ `	·····	Long Long	Clear	
513 A	411 River Road		CCC 91980 SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m Small 0-6m	1.5 0.1	\$		Fair	Long	Clear	
514 A 514A A	411 River Road 411 River Road		CCC 91981 SPRZ CCC 91982 SPRZ	Cordyline australis Cordyline australis	Cabbage Tree Cabbage Tree	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	1 0.1 0.5 0.	\$			Long Long	Clear Clear	
515 A	411 River Road	~	CCC 43177 SPRZ	Salix babylonica	Babylon Weeping Willow	Exotic	Mature	Very Large 15m+	20 1.		~~ `	·····	Short	Clear	Crown dieback with visible deadwood
513A A	411 River Road 411 River Road		CCC SPRZ CCC SPRZ	Phormium sp. Taxus baccata	Flax Common Yew	Native Exotic	Semi-Mature Juvenile	Small 0-6m Small 0-6m	S 3 0.1	Fair 5 0.15 Fair			Medium Long	Clear Clear	
5022 B	60 Shirley Road (Nth Pde)	Shirley Intermediate	Private	Tilia cordata	Common Lime	Exotic	Mature	Large 10-15m	8 0.4		Fair	····	Long	Remove	

TreeID	Option Address	Street	CCC/Private C	CCID AssetType	BotanticalName	CommonName	Nat/Ex	Age	Height	Canopy DBH	l Base Healti	Structure	Shape	LifeExp	Effec	cts Comments
5023 I	60 Shirley Road (Nth Pde)	k	Private	·····	Tilia cordata -	Common Lime	Exotic	Mature	Large 10-15m	9 0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Fair	Fair	Long	Remove	
5024 E	60 Shirley Road (Nth Pde) 60 Shirley Road (Nth Pde)		Private Private		Prunus sp. Betula pendula	Cherry Silver Birch	Exotic Exotic	Mature Mature	Medium 6-10m Very Large 15m+	11 0.1 10 0.1		Fair Good	Fair Fair	Medium Medium	Remove Remove	
5026 E	3 60 Shirley Road (Nth Pde)		Private		Betula pendula	Silver Birch	Exotic	Mature	Very Large 15m+	11 0.0	60 0.85 Good	Good	Fair	Medium	Remove	
5027 I	126 North Parade 126 North Parade		CCC 1378	· · · · · · · · · · · · · · · · · · ·	Griselinia littoralis Coprosma sp.	Broadleaf Coprosma	Native Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	7 1.4 2.5 0.		Poor Poor	Fair Poor	Short Short	Clear	Dieback and deadwood with exposed structural roots from bank erosion Suppressed shrub with leaning multi stem form
5029 I	3 126 North Parade	North Parade	CCC 1379	927 SPRZ /	Arbutus unedo	Irish Strawberry Tree	Exotic	Mature	Medium 6-10m	7.5 0.4	45 0.60 Poor	Poor	Poor	Short	Clear	Twin stem with leaning form. Dieback and deadwood
5030 I	3 126 North Parade 3 126 North Parade	k	CCC 1378	•••••••••••••••••••••••••••••••••••••••	Prunus sp. Fagus sylvatica	Ornamental Cherry European Beech	Exotic Exotic	Semi-Mature Mature	Small 0-6m Very Large 15m+	4.5 0. 20 1.		Poor Good	Poor Good	Short Long	Clear Clear	
5032 I	3 126 North Parade	North Parade	CCC 1378	808 SPRZ (Griselinia littoralis	Broadleaf	Native	Semi-Mature	Small 0-6m	3.5 0.3	20 0.25 Fair	Poor	Poor	Short	Clear	Split trunk with seated heartwood decay. Leaning form
5033 I	126 North Parade 126 North Parade		CCC 1376	526 SPRZ I SPRZ	Pseudopanax arboreus	Five Finger Native/ornamental shrub mix	Native Native	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	5 0.	15 0.20 Fair Fair	Fair Fair	Poor Poor	Medium Medium	Clear Clear	X2 Pittosporum, x1 Cherry and x1 Cotoneaster
5035 I	3 126 North Parade				Tilia cordata	Common Lime	Exotic	Mature	Very Large 15m+	10 1.		Fair	Fair	Long	Clear	AZ Pittuspurum, XI Cherry anu XI Cotoneaster
5036 I	3 126 North Parade		CCC 1375		Tilia cordata	Common Lime	Exotic	Mature	Very Large 15m+	11 0.9		Fair	Fair	Long	Clear	
5037 E	3 126 North Parade 3 126 North Parade	\$	CCC 1375	•••••••••••••••••••••••••••••••••••••••	Tilia cordata Tilia cordata	Common Lime Common Lime	Exotic Exotic	Mature Mature	Very Large 15m+ Very Large 15m+	11 1.0 10 0.1	······································	Fair Fair	Fair Fair	Long Long	Clear Clear	
5039 I	3 126 North Parade	3	<u> </u>		Tilia cordata	Common Lime	Exotic	Mature	Very Large 15m+	12 0.		Fair	Fair	Long	Clear	
5040 I	126 North Parade 126 North Parade	<u> </u>	······		Tilia cordata Griselinia littoralis	Common Lime Broadleaf	Exotic Native	Mature Mature	Very Large 15m+ Medium 6-10m	12 1. 14 2.		Fair Fair	Fair Fair	Long Short	Clear Clear	Ganoderma fungal brackets on river side
5041 E	3 126 North Parade	Marian College	Private		Magnolia grandiflora	Southern Magnolia	Exotic	Semi-Mature	Small 0-6m	3 0.	10 0.12 Good	Good	Fair	Long	Clear	Commemorative plaque, tree could be transplanted if permitted/required
5042 I	3 126 North Parade 3 126 North Parade	\$	Private Private	·····	Cordyline australis Pittosporum tenuifolium	Cabbage Tree Kohuhu	Native Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	3.5 0.1 7 0.1	······································	Good Fair	Fair Poor	Long Medium	Remove Remove	
5044	3 126 North Parade	Marian College	Private	· · · · · · · · · · · · · · · · · · ·	Cordyline australis	Cabbage Tree	Native	Mature	Medium 6-10m	8 0.0	······································	Fair	Fair	Long	Remove	
5045 I	3 126 North Parade	{	Private		Cryptomeria sp.	Incense Cedar	Exotic	Mature	Large 10-15m	8 0.1 9 0.1		Fair	Fair Fair	Short	Remove	
5047 E	126 North Parade 126 North Parade	Marian College	Private Private	······································	Hoheria sextylosa Phormium sp.	Long leaved Lacebark Variegated Flax	Native Native	Mature Mature	Large 10-15m Small 0-6m	9 U.: 4	35 0.40 Fair Good	Fair Fair	Fair Fair	Medium Long	Remove Remove	
5048 I	3 126 North Parade	<u> </u>	Private Private		Azara microphylla	Vanilla Tree	Exotic	Mature	Medium 6-10m	8 0. 5 0.		Poor	Fair Fair	Short	Remove	Dieback and deadwood
5049 I	126 North Parade 126 North Parade		Private Private		Podocarpus totara Azalia sp.	Totara Azalia	Native Exotic	Mature Semi-Mature	Medium 6-10m Small 0-6m	1.5 0.		Fair Fair	Fair Fair	Long Medium	Remove Remove	
5051 E	3 126 North Parade	Marian College	Private		Acer palmatum	Japanese Maple	Exotic	Semi-Mature	Small 0-6m	4.5 0.		Fair	Fair	Medium	Remove	
5052 E	126 North Parade 126 North Parade	}	Private Private		Rhododendron sp. Acer palmatum	Rhododendron Japanese Maple	Exotic Exotic	Mature Semi-Mature	Small 0-6m Medium 6-10m	6 0.4 8 0.3		Poor Poor	Poor Poor	Medium Medium	Remove Remove	
5054 E	3 126 North Parade	Marian College	Private	(Camellia japonica	Camellia	Exotic	Semi-Mature	Small 0-6m	1	0.10 Fair	Fair	Fair	Medium	Remove	
5055 I	126 North Parade 126 North Parade	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Private Private	•	Nothofagus fusca Crataegus monogena	Red Beech Hawthorn	Native Exotic	Mature Mature	Medium 6-10m Medium 6-10m	9 0. 6 0.	······································	Fair Fair	Fair Fair	Medium Medium	Remove Remove	
5058 I	3 126 North Parade	Marian College	Private		Sorbus sp.	Rowan	Exotic	Mature	Medium 6-10m	4 0.	18 0.25 Fair	Fair	Fair	Medium	Remove	
5059 I	126 North Parade 126 North Parade	\$	Private Private		Photinia sp. Taxus baccata	Photinia Yew	Exotic Exotic	Mature Mature	Small 0-6m Medium 6-10m	6 0.1 12 1.1		Poor Fair	Poor Fair	Short Long	Remove Remove	
5061 I	3 126 North Parade		Private		Rhododendron sp.	Rhododendron	Exotic	Semi-Mature	Small 0-6m	2	0.20 Fair	Fair	Fair	Medium	Remove	
5062 I	126 North Parade 126 North Parade	¿	Private Private		llex aquifolium varigata	Variegated Holly Coprosma	Exotic Native	Mature Semi-Mature	Medium 6-10m Small 0-6m	6 0.	30 0.50 Good 0.15 Fair	Fair Fair	Fair Fair	Medium Medium	Remove Remove	
5064	3 126 North Parade	ķ	Private		Coprosma sp. Thuja plicata	Western Red Cedar	Exotic	Mature	Large 10-15m	13 3.0	········kp····················kp········	Poor	Fair	Long	Remove	
	B(RZ) - B(Alt) 41 Poulton Ave	\$ <u>-</u>	CCC 5721	······································	Acer pseudoplatanus	Sycamore	Exotic	Mature	Very Large 15m+	20 1.0		Good	Good	Long	Clear	
	B(RZ) - B(Alt) 41 Poulton Ave B(RZ) - B(Alt) 41 Poulton Ave		CCC 5721		Quercus palustris Acer pseudoplatanus	Pin Oak Sycamore	Exotic Exotic	Semi-Mature Mature	Small 0-6m Large 10-15m	6 0. 15 0.	·····	Good Good	Fair Good	Long Long	Clear Remove	
5020 E	B(RZ) - B(Alt) 41 Poulton Ave	Richmond Park	CCC 5722	21 Park (Quercus palustris	Pin Oak	Exotic	Mature	Large 10-15m	12 0.3	28 0.45 Good	Good	Good	Long	Remove	
	3(RZ) - B(Alt) 41 Poulton Ave 3(RZ) 41 Poulton Ave	k	CCC 5722	•••••••••••••••••••••••••••••••••••••••	Sorbus intermedia Arbutus unedo	White beam Irish Strawberry Tree	Exotic Exotic	Mature Mature	Medium 6-10m Medium 6-10m	10 0.0 11 1.	······································	Fair Poor	Good Fair	Medium Short	Clear	Multi stem base with decay
5013 E	B(RZ) 41 Poulton Ave	Richmond Park	CCC	Park I	Laburnum sp.	Laburnum	Exotic	Semi-Mature	Small 0-6m	4 0.	30 0.30 Fair	Poor	Fair	Medium	Clear	
	B(RZ) 41 Poulton Ave B(RZ) 41 Poulton Ave		CCC 5725 CCC 1043		Malus sp. Quercus palustris	Chinese Crab Apple Pin Oak	Exotic Exotic	Mature Semi-Mature	Medium 6-10m Medium 6-10m	6 0. 7 0.		Fair Good	Fair Good	Medium Long	Clear Clear	
5016 I	B(RZ) 41 Poulton Ave	Richmond Park	CCC 1043	351 Park	Tilia europea	Common Lime	Exotic	Semi-Mature	Small 0-6m	3 0.	12 0.18 Fair	Fair	Fair	Long	Clear	
	B(Alt) 41 Poulton Ave B(Alt) 41 Poulton Ave		CCC 1043		Tilia europea Prunus cerasifera	Common Lime Purple leaved Cherry Plum	Exotic Exotic	Semi-Mature Mature	Small 0-6m Medium 6-10m	2 0. 9 0.		Fair Fair	Fair Fair	Long Medium	Clear Clear	
			CCC 5723	······································	Taxus baccata	Yew	Exotic	Mature	Medium 6-10m	7 0.	~~~~	Fair	Good	Long	Remove	
	B(Alt) 41 Poulton Ave B(Alt) 39 Medway St		CCC 5732 CCC 5719		Quercus palustris Acer palmatum	Pin Oak Japanese Maple	Exotic Exotic	Semi-Mature Mature	Medium 6-10m Small 0-6m	9 0. 5 0.		Good Good	Good Good	Long	Remove Clear	
5004 E	B(Alt) 39 Medway St		CCC 5719		Pittosporum eugenioides	Lemonwood	Native	Mature	Medium 6-10m	7 0.	;;	Fair	Good	Long Long	Remove	
	39 Medway St		CCC 5719		Podocarpus totara	Totara	Native	Mature	Medium 6-10m	4.5 0.		Good	Good	Long	Clear	
	B(Alt) 39 Medway St B(Alt) 39 Medway St		CCC 5719 CCC 5719		Acer griseum Acer griseum	Paperbark Maple Paperbark Maple	Exotic Exotic	Semi-Mature Semi-Mature	Small 0-6m Small 0-6m	1.5 0. 2 0.		Fair Fair	Fair Fair	Long Long	Clear Clear	
	3 - C 357 River Road	River Road	CCC 4329	95 SPRZ I	Ulmus procera	English Elm	Exotic	Mature	Very Large 15m+	21 1.0	05 1.80 Fair	Fair	Fair	Medium	Remove	
5002 I	3 - C 357 River Road C 138 (opp) Stapletons Road		CCC 4329 CCC 4347		Ulmus procera Taxodium distichum	English Elm Swamp Cypress	Exotic Exotic	Mature Mature	Very Large 15m+ Very Large 15m+	22 0.9 13 0.8		Fair Fair	Fair Fair	Medium Long	Clear Clear	
618 (138 (opp) Stapletons Road	Stapletons Road	CCC 4347	72 SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	8 0).7 1 Poor	Poor	Fair	Short	Clear	In decline with dieback
615 (612 (C 138 (opp) Stapletons Road C 138 (opp) Stapletons Road	\$\$	CCC 4347 CCC 4347		Betula pendula Quercus coccinea	Silver Birch Scarlet Oak	Exotic Exotic	Over Mature Mature	Very Large 15m+ Very Large 15m+	10 C	0.95 Very Poo 0.8 1.2 Good	r Very Poor Fair	Poor Fair	Short Long	Clear Clear	In decline with significant dieback/deadwood
624 (136 (opp) Stapletons Road	Stapletons Road	CCC 4348	SPRZ S	Salix matsudana Tortuosa	Corkscrew Willow	Exotic	Mature	Very Large 15m+	14 0	0.8 Fair	Poor	Poor	Medium	Clear	Leaning trunk with asymmetric canopy
623 (622 (C 136 (opp) Stapletons Road C 136 (opp) Stapletons Road	\$	CCC 4347 CCC 4347		Betula pendula Taxodium distichum	Silver Birch Swamp Cypress	Exotic Exotic	Over Mature Mature	Very Large 15m+ Very Large 15m+	10 0.° 9 0.°	······································	Poor Fair	Fair Poor	Short Long	Clear Clear	In decline with significant dieback/deadwood X2 co-dominant stems with part suppressed canopy
618A (136 (opp) Stapletons Road	Stapletons Road	CCC	SPRZ I	Phormium sp.	Flax	Native	Mature	Small 0-6m	S	Fair	Fair	Fair	Medium	Clear	
621 (631 (136 (opp) Stapletons Road 134 (opp) Stapletons Road	<i>;</i>	CCC 4347 CCC 4348		Cydonia oblonga Taxodium distichum	Common Quince Swamp Cypress	Exotic Exotic	Mature Mature	Small 0-6m Very Large 15m+	5 0.4 9 0		Poor Fair	Poor Fair	Short Long	Clear	Multi stem form from past pruning
628 (134 (opp) Stapletons Road	Stapletons Road	CCC 4348	SPRZ T	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	12 0.	75 1 Fair	Fair	Poor	Long	Clear	Historic pruning for clearance defines shape
646 (642 (128 (opp) Stapletons Road		CCC 4348		Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+		1.1 1.8 Good 1.1 0.8 Fair	Poor	Good	Long	Clear	X2 co-dominant stems with included junction at 2m. Visible reaction wood at base of fork.
629	C 128 (opp) Stapletons Road 128 (opp) Stapletons Road		CCC 4348 CCC 4348	······	Prunus cerasifera Pissardii Prunus cerasifera Pissardii	Pissard's Plum Pissard's Plum	Exotic Exotic	Mature Mature	Medium 6-10m Medium 6-10m	9 0.		Poor Poor	Fair Poor	Medium Medium	Clear Clear	Multi stem structure Multi stem structure with shape defined by past stem removal/suppression
622A (128 (opp) Stapletons Road	Stapletons Road	CCC 1354	480 SPRZ (Corylus colurna	Turkish Filbert	Exotic	Juvenile	Small 0-6m	1.5 0	0.1 Fair	Fair	Fair	Long	Clear	
647 (648 (C 126 (opp) Stapletons Road 126 (opp) Stapletons Road		CCC 4348 CCC 1360		Salix matsudana Tortuosa Ulmus procera	Corkscrew Willow English Elm	Exotic Exotic	Mature Mature	Very Large 15m+ Medium 6-10m	12 0.4 8 0	45 0.75 Fair 0.4 0.55 Fair	Poor Poor	Poor Very Poor	Long Medium	Clear Remove	Co-dominant stem forking at 1.8m. Suppressed/asymmetric canopy. Heavily suppressed with asymmetric canopy
648A (122 (opp) Stapletons Road	Stapletons Road	CCC 4349	97 SPRZ (Cedrus atlantica	Atlas Cedar	Exotic	Mature	Large 10-15m	10 0	0.7 Fair	Fair	Poor	Long	Clear	Tree lean and canopy weight over road, damaged surface roots
647A (C 122 (opp) Stapletons Road C 122 (opp) Stapletons Road		CCC 4349		Magnolia campbellii Ligustrum sp.	Campbell's Magnolia Privet	Exotic Exotic	Juvenile Semi-Mature	Small 0-6m Small 0-6m		0.1 0.1 Fair 0.2 0.25 Fair	Fair Poor	Fair Fair	Long Medium	Clear	Inspect with foliage
653 (122 (opp) Stapletons Road	Stapletons Road	CCC 4349	90 SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	17 1	.1 1.4 Fair	Fair	Fair	Long	Clear	
665 (664 (118 (opp) Stapletons Road 118 (opp) Stapletons Road		CCC 4349	•••••••••••••••••••••••••••••••••••••••	Cotoneaster sp. Pittosporum eugenioides	Cotoneaster Lemonwood	Exotic Native	Mature Mature	Small 0-6m Medium 6-10m	5 0.1 8 0.1		Poor Very Poor	Poor Very Poor	Short Short	Remove Remove	Poor structure with suppressed form Effectively dead with 90% defoliation
676A (2 116 (opp) Stapletons Road 2 116 (opp) Stapletons Road		CCC 4349	SPRZ	recosporani eugeniolues	Mixed native shrubs	Native	Semi-Mature	~ ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	S 0.1	Fair	Fair	Fair		Remove	
676B (116 (opp) Stapletons Road	¿	CCC 4350	SPRZ	Drunus caracifora Discardi:	Mixed native shrubs	Native Evotic	Semi-Mature		S 9 0	Fair	Fair Very Poor	Fair Very Poor	Medium	Remove	
676 (C 116 (opp) Stapletons Road 116 (opp) Stapletons Road		CCC 4350 CCC 4350		Prunus cerasifera Pissardii Thuja plicata	Pissard's Plum Western Red Cedar	Exotic Exotic	Mature Mature	Medium 6-10m Medium 6-10m		0.6 Poor 0.3 0.4 Poor	Very Poor Poor	Very Poor Poor	Short Short	Remove Remove	Open canopy with heavy lean to co-dominant stems In decline with low vigour/reduced foliage density
674 (116 (opp) Stapletons Road	Stapletons Road	CCC 4350	04 SPRZ I	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Medium 6-10m	~ <u>;</u> ~~~~	0.45 Poor	Poor	Very Poor	Short	Remove	Shape defined by pruning/suppression
676C (C 116 (opp) Stapletons Road C 116 (opp) Stapletons Road	<u> </u>	CCC 4350	SPRZ D3 SPRZ (Cedrus atlantica	Mixed native shrubs Atlas Cedar	Native Exotic	Semi-Mature Mature	Small 0-6m Very Large 15m+	S 10 0.	Fair 55 0.65 Fair	Fair Fair	Fair Poor	Medium Long	Remove Remove	Leaning trunk with suppression/asymmetric canopy, trunk wounds, decay
676E (116 (opp) Stapletons Road	Stapletons Road	CCC	SPRZ		Mixed native shrubs	Native	Semi-Mature	Small 0-6m	S	Fair	Fair	Fair	Medium	Remove	
672 (116 (opp) Stapletons Road	Stapletons Road	CCC 4350	O2 SPRZ I	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Medium 6-10m	8 0	0.65 Poor	Poor	Poor	Short	Remove	X2 co-dominant stems with past stem removal/suppression defining shape

Dudley Creek Flood Remediation - Downstream Options Report - Tree Survey (Tree Report Appendix 1)

TreeID	Option	Address	Street	CCC/Private	CCCID	AssetType	BotanticalName	CommonName	Nat/Ex	Age	Height	Canopy	DBH	Base H	ealth	Structure	Shape	LifeExp	Effect	s Comments
676D C		116 (opp) Stapletons Road	Stapletons Road	CCC		SPRZ		Mixed native shrubs	Native	Semi-Mature	Small 0-6m	S		Fair	Fa	air	Fair	Medium	Remove	
668 C		116 (opp) Stapletons Road	Stapletons Road	CCC	43501	SPRZ	Pittosporum eugenioides	Lemonwood	Native	Mature	Medium 6-10m	8	0.9	0.55 Very	Poor Ve	ery Poor	Very Poor	Short	Remove	Dead
678 C		114 (opp) Stapletons Road	Stapletons Road	CCC		SPRZ	Pittosporum eugenioides	Lemonwood	Native	Juvenile	Small 0-6m	2	0.1	0.1 Fair	Pc	oor	Fair	Short	Remove	Main stem pruned at 0.5m
679A C		114 (opp) Stapletons Road	Stapletons Road	CCC	42898	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Small 0-6m	2	0.1	0.15 Poor	Fa	air	Fair	Short	Remove	Bark damage to trunk with reduced foliage density
679 C		114 (opp) Stapletons Road	Stapletons Road	CCC	42897	SPRZ	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Medium 6-10m	6	0.2	0.4 Poor	Pc	oor	Poor	Short	Remove	Basal decay with asymmetric canopy
677 C		114 (opp) Stapletons Road	Stapletons Road	ccc	42896	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	12	0.8	1.25 Poor	Fa	air	Fair	Short	Remove	Dieback in upper canopy, lean and weight to east, possible recent trench on southern side
694 C		110 (opp) Stapletons Road	Stapletons Road	CCC	136041	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	2	0.25	0.35 Fair	Fa	air	Fair	Long	Clear	
691 C		110 (opp) Stapletons Road	Stapletons Road	CCC		SPRZ		Mixed native shrubs/grasses	Native	Semi-Mature	Small 0-6m	S		Fair	Fa	air	Fair	Medium	Remove	
691A C		110 (opp) Stapletons Road	Stapletons Road	CCC		SPRZ	Magnolia campbellii	Campbell's Magnolia	Exotic	Juvenile	Small 0-6m	1.5	0.1	0.1 Fair	Fa	air	Fair	Long	Clear	
700 C		106 (opp) Stapletons Road	Stapletons Road	CCC	42902	SPRZ	Fraxinus excelsior Jaspidea	Golden Ash	Exotic	Mature	Very Large 15m+	- 14	0.55	0.75 Fair	Fa	air	Fair	Long	Clear	
698 C		106 (opp) Stapletons Road	Stapletons Road	CCC	42901	SPRZ	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Large 10-15m	8	0.5	0.6 Poor	Po	oor	Poor	Short	Clear	Dieback/deadwood with suppression
697 C		106 (opp) Stapletons Road	Stapletons Road	CCC	42900	SPRZ	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Large 10-15m	7	0.7	0.75 Poor	Pc	oor	Poor	Short	Clear	Dieback/deadwood with suppression
695 C		106 (opp) Stapletons Road	Stapletons Road	CCC	42899	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	- 10	0.6	1.1 Fair	Fa	air	Poor	Long	Clear	Part suppressed with historic pruning
714 C		102 (opp) Stapletons Road	Stapletons Road	CCC	42906	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	5	0.2	0.3 Poor	Pc	oor	Fair	Short	Remove	Apical dieback with reduced foliage density. Bark damage to base of trunk.
705 C		102 (opp) Stapletons Road	Stapletons Road	CCC	42905	SPRZ	Nothofagus fusca	Red Beech	Native	Mature	Large 10-15m	9	0.45	0.6 Poor	Fa	air	Poor	Short	Remove	Suppressed to west, more than 50% decline
701 C		102 (opp) Stapletons Road	Stapletons Road	CCC	42904	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	6	0.2	0.3 Fair	Fa	air	Fair	Medium	Clear	
703 C		102 (opp) Stapletons Road	Stapletons Road	CCC	42903	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+	- 9	0.4	0.6 Poor	Pc	oor	Poor	Short	Clear	Dieback/deadwood. Upper crown growth only with reduced vigour.
715A C		102 (opp) Stapletons Road	Stapletons Road	CCC		SPRZ	Phormium sp.	Flax	Native	Mature	Small 0-6m	3.5	0.2	0.25 Fair	Fa	air	Fair	Medium	Remove	
715 C		102 (opp) Stapletons Road	Stapletons Road	CCC	42907	SPRZ	Plagianthus regius	Ribbonwood	Native	Semi-Mature	Medium 6-10m	4	0.2	0.25 Very	Poor Po	oor	Fair	Short	Remove	In decline with significant dieback
719 C		98 (opp) Stapletons Road	Stapletons Road	CCC	42910	SPRZ	Sophora microphylla	Small-leaved Kowhai	Native	Semi-Mature	Small 0-6m	3	0.15	0.2 Fair	Fa	air	Fair	Medium	Remove	
718 C	~~~~~	98 (opp) Stapletons Road	Stapletons Road	CCC	136044	SPRZ	Quercus palustris	Pin Oak	Exotic	Semi-Mature	Large 10-15m	7	0.3	····	Pc	~~~~~	Poor	Long	Clear	X2 co-dominant stems with included fork. Suppressed.
717 C		98 (opp) Stapletons Road	Stapletons Road	CCC	136045	SPRZ	Quercus palustris	Pin Oak	Exotic	Mature	Large 10-15m	14	0.5	0.65 Fair	Fa	air	Fair	Long	Clear	
716 C		98 (opp) Stapletons Road	Stapletons Road	CCC	42909	SPRZ	Plagianthus regius	Ribbonwood	Native	Mature	Medium 6-10m	6	0.4	0.45 Fair	Pc	oor	Fair	Medium	Remove	X2 co-dominant stems forking at 0.6m
742 C	·····	92 (opp) Stapletons Road	Stapletons Road	CCC	42921	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Large 10-15m	10	0.5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Fa	*******************************	Fair	Long	Remove	
736 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42919	SPRZ	Quercus palustris	Pin Oak	Exotic	Mature	Very Large 15m+	- 22	0.85	1.25 Fair	Fa		Poor	Long	Remove	Over extended weighted branch over parking bay with asymmetric canopy
735 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42918	SPRZ	Acer campestre	Field Maple	Exotic	Mature	Large 10-15m	12	0.7		Pc	oor	Poor	Short	Remove	Heavily suppressed with asymmetric canopy
731 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42917	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+		0.7	~~~~~~~~~	Fa	*******************************	Fair	Medium	Remove	Early onset of dieback with reduced vigour/foliage density
728 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42916	SPRZ	Betula pendula	Silver Birch	Exotic	Over Mature	Large 10-15m	9	0.55	0.9 Very	••		Poor	Short	Remove	In decline with significant dieback/deadwood in canopy
727 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42915	SPRZ	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Large 10-15m	8	0.85	0.7 Fair	Pc	oor	Poor	Short	Remove	Multi stem form with leaning stems and suppressed. Minor dieback
726 C	·····	92 (opp) Stapletons Road	Stapletons Road	CCC	42914	SPRZ	Taxodium distichum	Swamp Cypress	Exotic	Mature	Very Large 15m+		0.9	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Po	*******************************	Poor	Medium	Remove	X2 co-dominant stems forking at 0.5m. Included junction.
721A C		92 (opp) Stapletons Road	Stapletons Road	CCC	42913	SPRZ	Prunus cerasifera Pissardii	Pissard's Plum	Exotic	Mature	Medium 6-10m	11	1	0.75 Fair	Pc		Poor	Medium	Remove	Shape defined by multi stem form/historic pruning/suppression
721 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42912	SPRZ	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Mature	Medium 6-10m	5	0.2	0.25 Poor	Fa	·····	Poor	Short	Remove	Suppressed form
720 C		92 (opp) Stapletons Road	Stapletons Road	CCC	42911	SPRZ	Prunus cerasifera Nigra	Purple-leaf Cherry Plum	Exotic	Mature	Medium 6-10m	11	1.35	0.85 Fair			Poor	Medium	Remove	Multi stem form with leaning stems and suppressed
745A C		92 (opp) Stapletons Road (Averill St)	Stapletons Road	CCC	42927	SPRZ	Sophora microphylla	Small-leaved Kowhai	Native	Semi-Mature	Small 0-6m	3	0.1	0.15 Fair		~~~~	Poor	Short	Remove	Low vigour/reduced foliage density, basal decay, root plate failure
745 C	·····	92 (opp) Stapletons Road (Averill St)	Stapletons Road	CCC	42925	SPRZ	Quercus palustris	Pin Oak	Exotic	Mature	Large 10-15m	10	0.4	0.6 Good			Fair	Long	Remove	The state of the s
744 C	~~~~	92 (opp) Stapletons Road (Averill St)	Stapletons Road	CCC	42924	SPRZ	Arbutus unedo	Irish Strawberry Tree	Exotic	Mature	Medium 6-10m	9	0.4				Poor	Short	Remove	Significant lean to multi stem form with historic root plate movement
743 C		92 (opp) Stapletons Road (Averill St)	Stapletons Road	CCC	42923	SPRZ	Plagianthus regius	Ribbonwood	Native	Mature	Medium 6-10m	6	0.3	0.35 Poor	Po		Poor	Short	Remove	Reduced vigour with suppressed form
746 C		92 (opp) Stapletons Road (Averill St)	Stapletons Road	CCC	42922	SPRZ	Betula sp.	Cut-leaf Birch	Exotic	Mature	Medium 6-10m	8	0.4	0.65 Very		·····	Poor	Short	Remove	Historic loss of main leader with dieback and bark cracking/decay to main stem
769 C		73 (opp74) Stapletons Road	Stapletons Road	CCC	42943	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1	0.4		Fa		Fair	Long	Remove	nistoric loss of mannicader with dieback and bank cracking decay to mannistem
769A C		73 (opp74) Stapletons Road	Stapletons Road	CCC	72373	SPRZ	cordynnic dustrans	Mixed native shrubs	Native	Semi-Mature	Small 0-6m	ς	0.2	Fair	Fa	***************************************	Fair	Long	Clear	
768 C	~~~~	73 (opp74) Stapletons Road	Stapletons Road	CCC	42942	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1	0.15	0.2 Fair	Fa		Fair	Long	Remove	
767 C		73 (opp74) Stapletons Road	Stapletons Road	CCC	42941	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1	0.13	0.2 Fair	Fa		Poor	Long	Remove	Part deformed stem
766 C	~~~~~	73 (opp74) Stapletons Road	Stapletons Road	CCC	42940	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1	0.1	0.2 Fair	Fa		Poor	Long	Remove	Part leaning stem
765 C		73 (opp74) Stapletons Road	Stapletons Road	CCC	42939	SPRZ	Nothofagus fusca	Red Beech	Native	Over Mature	Very Large 15m+		1.15	1.2 Very			Poor	Short	Remove	Severe decline with significant deadwood
764 C		4	Stapletons Road	CCC	42938	SPRZ	Taxodium distichum	}	Fxotic	Mature	Large 10-15m	9	0.75		Pc		Poor	Medium	Remove	Previous structural failures and structural decline in upper canopy
763 C		73 (opp74) Stapletons Road 73 (opp74) Stapletons Road	Stapletons Road	CCC	42937	SPRZ	Quercus palustris	Swamp Cypress Pin Oak	Exotic	Mature	Large 10-15m		0.45				Good	Long	Remove	r revious structural failures and structural decline in upper carropy
753 C	~~~~	73 (opp74) Stapletons Road	Stapletons Road	CCC	42935	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	2	0.43	0.35 Poor	Pr	~~~~~	Poor	Short	Remove	Dead stems with reduced form
752A C		73 (opp74) Stapletons Road	Stapletons Road	CCC	42934	SPRZ	Pittosporum tenuifolium	Kohuhu	Native	luvenile	Small 0-6m	1	0.3	0.33 F001 0.1 Fair	Fa		Fair	Long	Remove	Dead sterns with reduced form
752A C		73 (opp74) Stapletons Road	Stapletons Road	CCC	136046	SPRZ	Cordyline australis	Cabbage Tree	Native	Semi-Mature	Small 0-6m	1	0.1	0.2 Poor	Po		Poor	Short	Remove	X1 dead standing stem
732 C 5079 C		45 North Parade	Randall Street	CCC	43145	Street	Ulmus parvifolia	Chinese Flm	Exotic	Mature	Small 0-6m	10	0.20	0.45 Fair	Fa		Fair	Short	Clear	AT dead stationing stern
5080 C		45 North Parade	Randall Street	CCC	45145	Street	(Chinese Elm	Exotic	Mature	Medium 6-10m	12	0.30	0.43 Faii	l Fa		Fair		Remove	
5076 C		47 North Parade	Randall Street	CCC	100682	Street	Ulmus parvifolia Ulmus parvifolia	Chinese Elm	Exotic	Mature	Medium 6-10m	8	0.30				Fair	Long	Remove	
5070 C		47 North Parade	Randall Street	CCC	100062	Street	Ulmus parvifolia	Chinese Elm	Exotic	Mature	Small 0-6m		0.15		ra Fa		Fair	Long Long	Remove	
5077 C		47 North Parade	Randall Street	CCC	43146		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Mature	Small 0-6m	7	0.13	0.30 Fair	Fa Fa		Fair	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Clear	
			··			Street	Zelkova serrata	Japanese Zelkova	Exotic		······		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~				Long		
5065 C		60A North Parade	Medway Street	ccc	43132	Street	Liquidambar styracifera	Sweetgum	Exotic	Mature	Medium 6-10m	5	0.20	0.40 Good			Good	Long	Clear	
5066 C		60A North Parade	Medway Street	ccc	100690	Street	Alnus cordata	Italian Alder	Exotic	Mature	Medium 6-10m	7	0.22				Good	Long	Clear	
5067 C		60A North Parade	Medway Street	CCC	100689	Street	Alnus cordata	Italian Alder	Exotic	Mature	Medium 6-10m	9	0.25	0.50 Good			Good	Long	Clear	
5068 C		60A North Parade	Medway Street	CCC	43131	Street	Acer sp.	Maple	Exotic	Mature	Small 0-6m	6	0.40	0.30 Good			Good	Long	Remove	
5069 C		60A North Parade	Medway Street	CCC	43135	Street	Liquidambar styracifera	Sweetgum	Exotic	Mature	Medium 6-10m	7	0.18	0.40 Good		*******************************	Poor	Long	Clear	
5070 C		60A North Parade	Medway Street	CCC	100688	Street	Malus tschonoskii	Pillar Crab Apple	Exotic	Mature	Small 0-6m	3	0.30	0.30 Fair	Fa		Fair	Medium	Remove	
5071 C		60A North Parade	Medway Street	CCC	100687	Street	Malus tschonoskii	Pillar Crab Apple	Exotic	Mature	Small 0-6m	3	0.20	0.25 Fair	Fa		Fair	Medium	Clear	
		60A North Parade	Medway Street	CCC	43125	Street	Quercus robur Fastigiata	Upright English Oak	Exotic	Mature	Medium 6-10m	6	0.25	0.45 Good			Good	Long	Clear	
				CCC	100685	Street	Alnus glutinosa	Common Alder	Exotic	Mature	Medium 6-10m	8	0.25	0.50 Good	l Go	ood	Fair	Long	Remove	1
5072 C 5073 C		60A North Parade	Medway Street				·}····································									······································	4			
		60A North Parade 60A North Parade 60A North Parade	Medway Street Medway Street Medway Street	CCC	43136 43137	Street	Quercus canariensis Betula utilis	Algerian Oak Himalayan Birch	Exotic Exotic	Mature Mature	Medium 6-10m Small 0-6m	8	0.25	0.50 Good			Good Fair	Long	Clear	