

Waitai
Coastal-Burwood Community Board
AGENDA

Notice of Meeting:

An ordinary meeting of the Waitai/Coastal-Burwood Community Board will be held on:

Date: Monday 2 March 2020
Time: 4.30pm
Venue: Boardroom, Corner Beresford and Union Streets,
New Brighton

Membership

| | |
|--------------------|---------------|
| Chairperson | Kelly Barber |
| Deputy Chairperson | Jo Zervos |
| Members | James Daniels |
| | Bebe Frayle |
| | Phil Mauger |
| | Linda Stewart |

25 February 2020

Christopher Turner-Bullock
Manager Community Governance, Coastal-Burwood
941 8233
christopher.turner@ccc.govt.nz
www.ccc.govt.nz

Note: The reports contained within this agenda are for consideration and should not be construed as Council policy unless and until adopted. If you require further information relating to any reports, please contact the person named on the report.

To view copies of Agendas and Minutes, visit:

<https://www.ccc.govt.nz/the-council/meetings-agendas-and-minutes/>



Developing Resilience in the 21st Century

Strategic Framework

Whiria ngā whenu o ngā papa,
honoa ki te maurua tāuiki

Bind together the strands of each mat and join
together with the seams of respect and reciprocity

Ōtautahi-Christchurch is a city of opportunity for all

Open to new ideas, new people and new ways of doing things – a city where anything is possible

Principles

Being open,
transparent and
democratically
accountable

Promoting
equity, valuing
diversity and
fostering inclusion

Taking an inter-generational approach
to sustainable development,
prioritising the social, economic
and cultural wellbeing of
people and communities
and the quality of the
environment, now
and into the
future

Building on the
relationship with
Te Rūnanga o Ngāi Tahu
and the Te Hononga-Council
Papatipu Rūnanga partnership,
reflecting mutual understanding
and respect

Actively collaborating and
co-operating with other
local, regional
and national
organisations

Ensuring
the diversity
and interests of
our communities
across the city and the
district are reflected in
decision-making

Community Outcomes

Resilient communities

Strong sense of community
Active participation in civic life
Safe and healthy communities
Celebration of our identity
through arts, culture, heritage,
sport and recreation
Valuing the voices of all cultures
and ages (including children)

Liveable city

Vibrant and thriving city centre
Sustainable suburban and
rural centres
A well connected and accessible
city promoting active and
public transport
Sufficient supply of, and
access to, a range of housing
21st century garden city
we are proud to live in

Healthy environment

Healthy water bodies
High quality drinking water
Unique landscapes and
indigenous biodiversity are
valued and stewardship
exercised
Sustainable use of resources
and minimising waste

Prosperous economy

Great place for people, business
and investment
An inclusive, equitable economy
with broad-based prosperity
for all
A productive, adaptive and
resilient economic base
Modern and robust city
infrastructure and community
facilities

Strategic Priorities

Enabling active
and connected
communities
to own their future

Meeting the challenge
of climate change
through every means
available

Ensuring a high quality
drinking water supply
that is safe and
sustainable

Accelerating the
momentum
the city needs

Ensuring rates are
affordable and
sustainable

Ensuring we get core business done while delivering on our Strategic Priorities and achieving our Community Outcomes

Engagement with
the community and
partners

Strategies, Plans and
Partnerships

Long Term Plan
and Annual Plan

Our service delivery
approach

Monitoring and
reporting on our
progress

| | |
|--------|--------------------------------------|
| Part A | Matters Requiring a Council Decision |
| Part B | Reports for Information |
| Part C | Decisions Under Delegation |

TABLE OF CONTENTS

| | | | |
|---|----|--|---|
| C | 1. | Apologies / Ngā Whakapāha..... | 4 |
| B | 2. | Declarations of Interest / Ngā Whakapuaki Aronga | 4 |
| C | 3. | Confirmation of Previous Minutes / Te Whakaāe o te hui o mua | 4 |
| B | 4. | Public Forum / Te Huinga Whānui..... | 4 |
| B | 5. | Deputations by Appointment / Ngā Huinga Whakaritenga | 4 |
| B | 6. | Presentation of Petitions / Ngā Pākikitanga..... | 4 |

STAFF REPORTS

| | | | |
|---|----|---|----|
| C | 7. | Waitai/Coastal-Burwood Community Board Area Report - March 2020 | 9 |
| B | 8. | Elected Members' Information Exchange..... | 54 |
| C | 9. | Resolution to Exclude the Public..... | 55 |

1. Apologies / Ngā Whakapāha

At the close of the agenda no apologies had been received.

2. Declarations of Interest / Ngā Whakapuaki Aronga

Members are reminded of the need to be vigilant and to stand aside from decision making when a conflict arises between their role as an elected representative and any private or other external interest they might have.

3. Confirmation of Previous Minutes / Te Whakaāe o te hui o mua

That the minutes of the Waitai/Coastal-Burwood Community Board meeting held on [Monday, 17 February 2020](#) be confirmed (refer page 5).

4. Public Forum / Te Huinga Whānui

A period of up to 30 minutes will be available for people to speak for up to five minutes on any issue that is not the subject of a separate hearings process.

5. Deputations by Appointment / Ngā Huinga Whakaritenga

Deputations may be heard on a matter or matters covered by a report on this agenda and approved by the Chairperson.

There were no deputations by appointment at the time the agenda was prepared.

6. Presentation of Petitions / Ngā Pākikitanga

There were no petitions received at the time the agenda was prepared.

Waitai Coastal-Burwood Community Board OPEN MINUTES

Date: Monday 17 February 2020
Time: 4.31pm
Venue: Boardroom, Corner Beresford and Union Streets,
New Brighton

Present

Chairperson
Deputy Chairperson
Members

Kelly Barber
Jo Zervos
James Daniels
Bebe Frayle
Phil Mauger
Linda Stewart

13 February 2020

Christopher Turner-Bullock
Manager Community Governance, Coastal-Burwood
941 8233
christopher.turner@ccc.govt.nz
www.ccc.govt.nz

To view copies of Agendas and Minutes, visit:
www.ccc.govt.nz/the-council/meetings-agendas-and-minutes/

The agenda was dealt with in the following order.

1. Apologies / Ngā Whakapāha

Part C

Community Board Decision

There were no apologies.

2. Declarations of Interest / Ngā Whakapuaki Aronga

Part B

There were no declarations of interest recorded.

3. Confirmation of Previous Minutes / Te Whakaāe o te hui o mua

Part C

Community Board Resolved CBCB/2020/00013

That the minutes of the Waitai/Coastal-Burwood Community Board meeting held on Monday, 3 February 2020 be confirmed.

Phil Mauger/James Daniels

Carried

4. Public Forum / Te Huinga Whānui

Part B

4.1 Brian Donovan

Brian Donovan and Celeste Donovan addressed the Board on behalf of New Brighton Residents Association regarding Brighton Mall.

After questions from Board members, the Chairperson thanked Brian and Celeste for their presentation.

4.2 John Mowat

John Mowat, local resident addressed the Board on the pedestrian and cycle paths under Anzac Bridge.

After questions from Board members, the Chairperson thanked John for his presentation.

The Waitai/Coastal-Burwood Community Board decided to refer the matters raised from John Mowat to staff for investigation and report back to the Board.

5. Deputations by Appointment / Ngā Huinga Whakaritenga

Part B

5.1 Parking, North Parade, Shirley

Mr Haythornthwaite local resident and member of the Disabled Persons Assembly addressed the Board in relation to parking concerns on North Parade (Item 7 refers).

After questions from Board members, the Chairperson thanked Philip for his presentation.

6. Presentation of Petitions / Ngā Pākikitanga

Part B

There was no presentation of petitions.

7. Correspondence

Community Board Resolved CBCB/2020/00014(Original Staff Recommendation accepted without change)

Part B

That the Coastal-Burwood Community Board:

1. Receive the correspondence from Christine and Philip Haythornthwaite and request that staff investigate and respond back to the Board.

Kelly Barber/Jo Zervos

Carried

8. LDRP515 Landscape Plans for Breezes Road Drain Timber Lining Renewal

Community Board Resolved CBCB/2020/00015(Original Staff Recommendation accepted without change)

Part C

That the Waitai/Coastal-Burwood Community Board:

1. Approve the proposed landscaping concept for Breezes Road Drain, which includes the naturalisation, planting of new trees, shrubs and riparian vegetation.

Kelly Barber/Phil Mauger

Carried

9. Elected Members' Information Exchange

Part B

Board members exchanged information on various matters of interest and the Board requested that the following be referred to staff:

- Request staff investigate potential safety crossing options on Travis Road near or opposite the Avonside Girls High School and Shirley Boys High School and report back to the Board.

10 Resolution to Exclude the Public

Community Board Resolved CBCB/2020/00016

Part C

That at 5.53pm the resolution to exclude the public set out on pages 29 to 30 of the agenda be adopted.

Kelly Barber/James Daniels

Carried

The meeting adjourned at 5.53pm and reconvened at 5.56pm.

The public were re-admitted to the meeting at 6.00pm at which time the meeting concluded.

CONFIRMED THIS 2ND DAY OF MARCH 2020

**KELLY BARBER
CHAIRPERSON**

Item 3 - Minutes of Previous Meeting 17/02/2020

7. Waitai/Coastal-Burwood Community Board Area Report - March 2020

Reference / Te Tohutoro: 20/134696

Report of: Christopher Turner-Bullock, Community Governance Manager

General Manager: Mary Richardson, General Manager Citizens and Community

1. Purpose of Report / Te Pūtake Pūrongo

This report provides information on initiatives and issues current within the Community Board area, to provide the Board with a strategic overview and inform sound decision making.

2. Officer Recommendations / Ngā Tūtohu

That the Waitai/Coastal-Burwood Community Board:

1. Receive the Waitai/Coastal-Burwood Community Board Area Report for March 2020.
2. Approve the holding of a Joint Meeting of the Waitai/Coastal-Burwood and Waipapa/Papanui-Innes Community Boards on Friday 27 March 2020 at 9am in the Papanui Board Room, Papanui Library and Service Centre, 5 Restell Street to consider the Marshland, Spencerville and Kainga Speed Management Plan.
3. Amend the Board's 3 February 2020 resolution CBCB/2020/00011 to read "Approve a grant of \$3,295 from its 2019-2020 Discretionary Response Fund to the Dallington Residents' Association for the establishment of garden beds."

3. Community Board Activities and Forward Planning

3.1 Memos/Information/Advice to the Board

3.1.1 Marshland, Spencerville and Kainga Speed Management Plan

This item arose from the development of the new roading infrastructure associated with the Christchurch Northern Corridor and community feedback calling for more consistency in speed limits especially around the Prestons subdivision. These roads were all designated high risk and local communities had requested reduced speed limits on local roads west of Marshland Road. The poor crash history – particularly along Marshland Road/Main North Road corridor was also a factor.

Joint seminars, briefings and hearings (community engagement) were held early to mid-2019 with a report being presented to the Waitai/Coastal-Burwood and Waipapa/Papanui-Innes Community Boards at a Joint Extraordinary meeting on 9 August 2019. The following is an excerpt from the minutes:

4. Marshland, Spencerville and Kainga Area Speed Management Plan

Board Comment

The Coastal-Burwood and Papanui-Innes Community Boards requested staff investigate safety improvements on the section of Marshland Road from a point 250 metres south of its intersection with Main North Road/Spencerville Road to Prestons Road before the Boards consider

reducing the speed from 70K/hr to 60k/hr in this section of Marshland Road.

The Boards asked staff to report back in three months' time on the following potential safety improvements

- School zone for Ouruhia Model School
- Footpath safety improvements (maintenance, foliage cut back, etc.)
- Pedestrian crossing for Marshland Road near to Ouruhia School
- Further active signage
- Guthries/Marshland Roads intersection safety improvements
- Increased enforcement of speed limits.

A further joint Briefing was held on Monday 27 January 2020.

The Board is requested to endorse the holding of a Joint Meeting of the Waitai/Coastal-Burwood and Waipapa/Papanui-Innes Community Boards on Friday 27 March 2020 at 9am in the Papanui Board Room, Papanui Library and Service Centre, 5 Restell Street to consider the Marshland, Spencerville and Kainga Speed Management Plan.

3.1.2 **Spencer Beach Holiday Park Tree Removal– Staff Memorandum**

Noting the Board received the attached memorandum (**attachment A**) from staff on Friday 14 February 2020 to advise of four high priority trees to be removed at Spencer Beach Holiday Park. The trees had been identified as at risk to public safety and in poor condition. The work was scheduled to begin on 24 February 2020.

3.1.3 **Estuary Green Edge Pathway Project – Update**

The current budgeted proposal for the Estuary Green Edge Pathway Project is to pursue a combined walking and cycling pathway between Windsports Park, on Humphreys Drive, and Bridge Street. The proposal is that a mostly crusher-dust pathway would be laid between the Estuary shoreline and the Bromley settling ponds. The pathway would be flanked by a security fence several metres to the ponds side of the path, and screen planting along the Estuary shore. Planting along most of the Estuary shore already exists; the project is to provide screening of most of the remaining gaps.

An Ecological Impact Assessment draft has been received from the consultants, Boffa Miskell. An updated report including some cost estimates and the results of a pending lizard survey are expected next month. The draft report indicates low wildlife impacts are achievable pending implementation of recommended mitigation measures, which may require further funding than what has already been allocated.

Staff have also received legal advice in relation to the Wildlife Refuge, which indicates the Wildlife Act does not prohibit such an activity and any necessary wildlife permit applications would consider an assessment of impacts.

Staff have also requested additional potential construction advice and cost estimates, and an alternative route is being investigated.

It is proposed that staff brief the community boards following further investigations.

Background

The Estuary Green Edge Pathway proposal has existed as a concept for many years, both within Council and by supporters of the then Christchurch Perimeter Walkway (now Christchurch 360 Trail). In 2014, at the Annual Plan hearings, the Council was approached by the 360 Trail group for assistance in marketing the overall 360 Trail concept around the city, and they were allocated \$50,000 for signage, which also entailed provision of route planning and promotional assistance. In 2015, a submission to the LTP hearings on the estuary edge pathway by the 360 Trail group resulted in Council requesting staff to pursue the proposal and to allocate an appropriate budget. Following a further request in 2017, Council resolved that the 2018/19 budget of \$416,000 be brought forward into 2017/18.

The project is currently in the investigations phase. Last year staff engaged with key stakeholders, including the Estuary Trust, Christchurch 360 Trail, Spokes and the Department of Conservation. This took the form of individual information-gathering meetings with each group, and a workshop and site walkover with the groups to discuss issues and how potential mitigation measures might work. Liaison with stakeholders is ongoing.

3.2 Board area Consultations/Engagement/Submission opportunities

3.2.1 Archery Club Development and Tree Removal on Rawhiti Domain

The Christchurch Archery Club would like to add an indoor range to their current club rooms to provide year-round archery facilities. This requires an expansion of its ground lease and the removal of several trees and shrubs.

Consultation is open for feedback until 9 March 2020.

<https://ccc.govt.nz/the-council/consultations-and-submissions/haveyoursay/show/261>

3.3 Annual Plan and Long Term Plan matters

3.3.1 The Council adopted its Annual Plan 2019-20 at its meeting on 25 June 2019.

The approved Annual Plan 2019 can be viewed here:

<https://ccc.govt.nz/the-council/plans-strategies-policies-and-bylaws/plans/long-term-plan-and-annual-plans/2019-to-2020-annual-plan/>

3.3.2 The public consultation period for the Council's Draft Annual Plan 2020/21 is to be determined.

3.4 Board Reporting

3.4.1 Board members are asked to highlight topics for inclusion in Newsline, the Board Newsletter and/or the Report to Council.

4. Community Board Plan – Update against Outcomes

- 4.1 The Board is developing its 2020-2022 Community Board Plan with the aim to adopt the Plan by April 2020. The Board's draft vision and priorities for the Waitai/Coastal-Burwood community were available for feedback on the Have Your Say section of the Council website from 6 February to 24 February 2020.
- 4.2 The Board will hold a workshop to consider the feedback received to the draft Community Board Plan during March 2020.

5. Significant Council Projects in the Board Area

5.1 Infrastructure projects underway

- 5.1.1 For the Board's information, attached is the Capital Delivery Monthly Update for January 2020. (refer **Attachment B**)

6. Significant Community Issues, Events and Projects in the Board Area

6.1 Events Report Back

6.1.1 I Love New Brighton

Thousands of people enjoyed a sunny day at Thomson Park for the 10th Annual 'I Love New Brighton' festival on Waitangi Day. The event came about due to the February Earthquake and the amount of damage to the east of the city. I Love New Brighton was a declaration to say "we might be broken but we still have love for our community and for each other".

Over 30 community groups showcase themselves through 'have-a-go' activities including sports, circus tricks and the Police speed gun. The main stage started with a Kapa Haka performance and also featured the Natural Magic Pirates and local band Hypnumb. It was the first year since the park had a major upgrade with new toilets, carparking and a full basketball court with children taking on the skilled Canterbury Wildcats team.

The event is funded by the Waitai/Coastal-Burwood Community Board, Rockabilly Show n' Shine, Kenneth F Weaver Trust, Countdown and Hellers Limited.

It featured online in the Pegasus Post www.odt.co.nz/star-news/star-lifestyle/star-entertainment/thousands-festival-show-their-love-beachside-suburb with a great [highlights video](#) on the event Facebook page too.

This event is only possible because of the huge contribution of hundreds of volunteers on the day, and a fantastic planning group whose organisations represent the greater Brighton area – Renew Brighton, New Brighton Project, Youth Alive Trust, Methodist Mission Wellbeing New Brighton project, Eastern Community Sport and Recreation, New Brighton Business and Landowners Association and the Council working together in partnership.



6.1.2 Parklands at Play

The fifth Parklands @ Play event was held on Sunday 16 February at Parklands Reserve, the event came about as an opportunity to celebrate the local community and connect existing and new residents in the Parklands/Queenspark community to community groups, sports clubs, and recreation groups.

Parklands @ Play offers opportunities for the whole family to try new activities including fencing, disc golf, bowls, tennis and martial arts. There is a designated area for pre-schoolers at the event featuring a bouncy castle, the Pegasus Toy Library, rock painting, nature play and pony rides. The event is planned by the local organisations including Parklands United Sports Club, Parklands Rugby Club, Queenspark Community Trust, Pukeko Centre, Pegasus Toy Library and the Christchurch City Council. The Waitai/Coastal-Burwood Community Board has provided funding assistance for the event with contributions from Freshchoice Parklands.



7. Updates from Other Units

7.1 Parks Update

7.1.1 Local Parks Update

After a busy period in December many staff and contractor's took a break to relax with family and friends.

The current dry weather over the last few months has slowed turf and garden growth. This has benefited with a focus currently in amenity gardens with the annual plant border tidy up, pruning and weed control. Our contractor has almost doubled their resource in this area.

Urban park rangers are busy again with warm sunny days bringing more people to our parks. This generates an increase in public requests, normal to this time of year with most of the community back from their Christmas holidays.

The Council parks unit have engaged an extra 16 temporary staff to assist in trimming down long grass due to fire risk, along with improving the park assets. They are also tasked with painting the playground equipment.

Ornamental and Heritage gardens areas get a regular booking for public events, such as weddings and picnics. These parks are looked after by our council parks and garden officers who are out there busy maintaining the bedding and keeping the sites tidy. They are planning to replenish some of the garden border mulch in coming months. Park Volunteers are also out in the parks enhancing the planting sites from the previous season.

In our park playgrounds the soft fall surface programme is currently underway to top up or dig out to replace. The most required are targeted first throughout the city. In the Coastal-Burwood area currently, Avondale Park, Queenspark Reserve, Clare Park, Prestons, Bower Park and Copperfield Reserve have been completed.

7.1.2 Sports Park Update

Most sports clubs took a break over Christmas which are now back enjoying the park fields. They are in good condition at this time with close monitoring on irrigation requirements.

Mid-season cricket renovations have been completed which received positive feedback from clubs and Christchurch Metro.

The winter sports field assessment requirements are about to start, assessed for renovation needs planned to be undertaken in the autumn. This work entails parks that require surface aeration, compaction relief, weed control, nutrition and topdressing.

7.1.3 Capital Works Projects

The hard surface renewal programme is coming out soon. Bexley Park hard surface will be actioned shortly awaiting the asbestos pile to be removed.

Rawhiti Domain tennis courts are about to start with the upgrade of covered courts.

7.1.4 Community Parks Maintenance Schedule

| Activity | Frequency per month |
|--|------------------------|
| Ornamental mowing | 1 |
| Amenity mowing | 1 |
| Informal Mowing | 1 |
| Ornamental garden maintenance | 2 |
| Summer sport field mowing | 4 |
| Summer sport cricket block maintenance | 5 |
| Summer sport line marking | 2 |
| Chemical weed control | 1 |
| Bin Emptying | As required |
| Play and Fitness Equipment Check | 1 |
| Drinking Fountain Clean | 5 |

7.1.5 Contractor Performance

Recreational Services Northern Sector KPI quality score for January was 91%.

Breakdown of Northern Sector KPI scores:



8. Community Board Funding Update

- 8.1 The Creative Communities Fund is now open for applications and closes on Thursday 12 March 2020.

The creative communities fund supports and encourages communities to create and present diverse opportunities for accessing and participating in arts activities in Christchurch. This fund is available to both community groups and individuals and is for all forms of creative and interpretative expression and can be based around a place, a cultural tradition, or commonly held interests or experiences. For further information visit: <http://www.ccc.govt.nz/culture-and-community/community-funding/community-arts/the-creative-communities-christchurch-scheme/>

- 8.2 The Strengthening Communities Fund 2020-21 will open for applications on Monday 9 March 2020 and will close on Wednesday 15 April 2020. For further information, please visit: <https://www.ccc.govt.nz/culture-and-community/community-funding/scfund/>

- 8.3 For the Board's information, a summary is provided (refer **Attachment C**) on the status of the Board's 2019-20 funding as at February 2020.

- 8.4 The Board resolved at its 3 February 2020 meeting to approve a grant of \$3,295 from its 2019-2020 Discretionary Response Fund to the Dallington Community Gardens for the establishment of garden beds. The applicant is Dallington Residents' Association and the Board is asked to amend its previous resolution.

Attachments

| No. | Title | Page |
|---------------------|---|------|
| A ↓ | Spencer Beach Holiday Park - Staff Memorandum | 18 |
| B ↓ | Infrastructure Projects Update January 2020 | 50 |
| C ↓ | Coastal-Burwood Community Board Fund Planner | 53 |

Recreation, Sports and Events Unit



Memorandum

Date: 14/02/2020

From: Aaron Keatley-Maintenance and Grounds Manager Spencer Beach Holiday Park

To: Coastal-Burwood Community Board

CC: Community Board Advisor (for distribution)

Attachments: Appendix 1 – Arboricultural Report, 6 April 2017. Spencer Beach Holiday Park
Attachment 1 - Photos of the trees to be removed

Four Urgent Tree Removals in Spencer Beach Holiday Park

Purpose of this Memo:

This memo is to advise the Coastal-Burwood Community Board of 4 high priority trees to be removed at Spencer Beach Holiday Park. These trees have been identified "at risk" to public safety and in poor condition. The work will begin on the 24/02/2020 and take approximately one week to complete.

Background:

A full site arboricultural report was completed for Spencer Beach Holiday Park in 2017. The report prioritised the removal of unsafe trees in a staged approach over 5 years. Over the last two years the urgent and high priority trees identified for removal have been completed. The four trees identified for removal (Trees 3, 32, 36, 44) have all been assessed as medium priority requiring removal by 2020.

Replacement Planting:

Replacement native trees will be planted in line with the Spencer Park Management Plan – Landscaping Plan and the recommendations made within the arboricultural report by Warner Tree Care.

How will the trees be removed:

Fulton Hogan Ltd are contracted to remove these trees. The removal is planned to start on the Monday 24th February 2020 and is expected to take one week to complete. Effected areas of the campground will be temporarily closed whilst the work is undertaken, however customers will still have plenty of campsites available.

Communications:

- Community Board to be advised (for distribution).
- The Relevant Unit Manager and Team Leader have been advised.

Delegated Authority:

This work is being carried out is authorised under the Spencer Park Management Plan 2010:

Policy 45

The health and structural integrity of all trees in the area covered by this management plan shall be regularly monitored. When the Council's Tree Policy has been adopted, all monitoring shall comply with the Policy. Where the monitoring identifies a risk to public safety due to the state of any tree, any maintenance work required shall be undertaken or the tree removed in order to mitigate this risk.

And the Christchurch Replacement District Plan, decision 44 Stage 3 natural and Cultural Heritage (part) Topic 9.4 Significant Trees.



Find us on Facebook
www.facebook.com/christchurchcitycouncil



Follow us on Twitter
www.twitter.com/ChristchurchCC



Visit us on the web
www.ccc.govt.nz



- P6. Felling of any tree in parks, public open space or road corridors in Christchurch City. C);
D. the tree is a threat to vehicle and pedestrian safety and pruning cannot mitigate the threat without causing the tree to become severely disfigured or affect its long term health or structural integrity;
or
E. an operative Reserves Act Management Plan specifically permits the removal of trees;

Regards,

Aaron Keatley
Maintenance and Grounds Manager - Spencer Beach Holiday Park

Approval:

| Name | Position | Signature | Date |
|-------------|---|--|---------|
| Colin Jacka | Business Operations Leader - Community Facilities |  | 14/2/20 |
| Nigel Cox | Head of Recreation Sports & Events Unit |  | 14/2/20 |



Find us on Facebook
www.facebook.com/christchurchcitycouncil



Follow us on Twitter
www.twitter.com/ChristchurchCC



Visit us on the web
www.ccc.govt.nz

Attachment 1 : Photos of the trees to be removed

Tree 3:



Tree 32:



Find us on Facebook
www.facebook.com/christchurchcitycouncil



Follow us on Twitter
www.twitter.com/ChristchurchCC



Visit us on the web
www.ccc.govt.nz

Tree 36:



Tree 44:



Find us on Facebook
www.facebook.com/christchurchcitycouncil



Follow us on Twitter
www.twitter.com/ChristchurchCC



Visit us on the web
www.ccc.govt.nz

Arboricultural Report

6th April 2017

Spencer Beach Holiday Park – Tree Assessment Report

Report Prepared By Liz Warner

Tree Assessment Completed By Liz and Mike Warner



Liz Warner
Warner Tree Care Ltd
PO Box 35160
Shirley
Christchurch

Contents

| | | |
|-----|-----------------------------------|-----|
| 1.0 | Executive Summary | 1 |
| 2.0 | Site and Tree Details | 2 |
| 2.1 | Soil and Environmental Conditions | 3 |
| 2.2 | Tree Cover | 3 |
| 3.0 | Tree Assessment Method | 4 |
| 3.1 | Individual Trees | 4-5 |
| 3.2 | Groups of Trees | 5-6 |
| 4.0 | Observations | 7-8 |
| 5.0 | Tree Planting | 9 |
| 5.1 | Soil Conditions | 9 |
| 5.2 | Tree Species | 9 |
| 6.0 | Recommendations | 10 |

| | |
|----------------|----------------------------|
| Appendix One | Tree Assessment Data |
| Appendix Two | Tree Assessment Key |
| Appendix Three | Tree Locations Aerial Maps |

Spencer Beach Holiday Park – Tree Assessment Report

1.0 Executive Summary

This report was commissioned by Colin Jacka, Business Operations Leader - Community Facilities, Recreation and Sport Unit at Christchurch City Council.

The report brief was to carry out a tree health assessment of all trees located within the Spencer Beach Holiday Park site in Spencerville, Christchurch City. To carry out a non-invasive tree health assessment, recommended any management required for the trees and provide overall recommendations for all trees on the site




The holiday park is a large site of 220 hectares with various facilities including, self-contained cabins, 80 tent sites and 240 powered sites. There are large numbers of trees present on the site, with several stands of mature Pine trees, multiple large exotic specimen trees including Eucalyptus, Willow, Poplar, Oak, Pine and also some smaller native and exotic species which have been more recently planted.

Spencer Park as a whole is a large recreational reserve, incorporating the holiday park; children's play areas, paddling pool, picnic areas (with BBQ's), woodland walks, animal enclosure and easy beach access. It is a popular area especially in the summer with high visitor numbers. Spencer Park is owned and maintained by Christchurch City Council.




All trees on the site were included in the tree assessment, but only individual trees and groups of trees requiring any maintenance or removal were recorded. The results of that assessment have been summarised below (the full assessment details can be found in Appendix One).

The condition of each tree was assessed using the Christchurch City Council tree condition rating system (*February 2015*).

Of the 57 individual trees recorded:

-  12 trees were in a Fair overall condition
-  37 trees were in a Poor overall condition
-  8 trees were in a Very Poor overall condition

Of the 28 groups of trees recorded:

-  8 groups of trees were in a Fair overall condition
-  19 groups of trees were in a Poor overall condition
-  1 groups of trees was in a Very Poor overall condition

Spencer Beach Holiday Park – Tree Assessment Report

2.0 Site and Tree Details

Spencer Beach Holiday Park is located at 100 Heyders Road, within the suburb of Spencerville in the North East of Christchurch City.

Spencer Beach Holiday Park is a large site of 220 hectares with various facilities including, self-contained cabins, 80 tent sites and 240 powered sites. There are large numbers of trees present on the site, with several stands of mature Pine trees, multiple large exotic specimen trees including Eucalyptus, Willow, Poplar, Oak, Pine and also some smaller native and exotic species which have been more recently planted.



Figure One – Aerial Photo showing an overview of Spencer Beach Holiday Park and the approximate boundary of the site covered by this report.

At times over the peak summer season there can be upwards of 2000 people present in the holiday park. With campsites located directly under the canopies of the majority of the trees assessed on site. There have been several incidences of branches falling from trees of various species and landing on tents or people beneath them in recent years. There are also multiple permanent residents living on the site (mostly in caravans), in several different areas of the site. These areas where people live all year round are the highest priority areas for tree assessments and works required to be completed.

6th April 2017

Page | 2

Spencer Beach Holiday Park – Tree Assessment Report

2.1 Soil and Environmental Conditions

The ground conditions at Spencer Beach Holiday Park consists mainly of old sand dunes, with minimal soil on the surface. Therefore, the ground does not hold moisture well and requires extensive irrigation throughout the dryer months of the year.

The soil type and lack of moisture will have a significant effect on the health of the trees within the park and especially the establishment of any newly planted trees. Sandy soils as well as being free draining are also lacking in nutrients and organic matter which are both essential for tree growth, health and longevity.

The site is also subjected to salt laded winds blowing from the East directly off the sea. Some species of tree can cope well with this, but others are not so tolerant of salt laden winds.

The holiday park receives prevailing winds from the East, but also significant high winds from the North West on a regular basis. The North-West winds can have damaging effects on trees which are already structurally weak.

2.2 Tree Cover

The tree cover within the holiday park varies considerably across the site. On the North-Eastern Boundary of the site, adjacent to Spencer Park, is a remnant of Pine tree (*Pinus radiata*) plantation, which helps to shelter the site from the Easterly winds. The trees within the plantation are generally in a fair condition with some evidence of wind thrown trees. There are multiple dead spars within this area and several larger trees with decay present.

Throughout the site there are smaller groups of much larger, mature Pine trees (*Pinus radiata*), the majority of which are in a poor overall condition and require removal for safety reasons.

There are also several groups of large, mature Lombardy Poplars (*Populus nigra 'Italica'*), in various areas around the park. These too are mainly in a poor overall condition, due to extensive decay within the trunks.

There are, multiple large exotic specimen trees including Eucalyptus, Willow, Poplar, Oak, Pine and also some smaller native and exotic species which have been more recently planted. These trees are spread out throughout the park, mainly around the camping areas. The majority of these trees were in a fair to poor overall condition.

At the Southern end of the park there are areas where the boundary between the holiday park and Bottle Lake Forest are un-clear. Any trees that appeared to be within the forest but that had a likelihood of impacting on the holiday park were included in the assessment.

It was very noticeable the gap in age classes of trees across the site, there are lots of mature and over-mature trees but very few semi-mature and young trees present. There needs to be regular planting of new trees on any site where you have trees as an asset to ensure continuity of tree cover when the older mature trees are removed.

On a site, such as this with sandy soils, low water and nutrient holding capacity of the soil and the Easterly salt laden winds, species of trees to be planted need to be chosen well to ensure good success rates. Thought also need to be given to species that will provide shade, shelter from winds and aesthetic appeal. But that will not cause future problems with debris drop and structural weaknesses.

Spencer Beach Holiday Park – Tree Assessment Report

3.0 Tree Assessment Method

The tree inspections for this report were carried out in February and March 2017 and included non-invasive visual tree assessment methods. The condition of each tree or group of trees was scored using the Christchurch City Council tree condition rating system (*February 2015*). All measurements are approximate.

The system evaluates the Health and Form of a tree (Form includes the structural integrity and the shape of a tree). The overall condition rating provided is the worst score for either Health or Form (e.g. if a tree scores Good for Health and Poor for Form, the Condition rating will be Poor).

3.1 Individual Trees

Of the fifty-seven individual trees assessed twelve trees were found to be in an overall fair condition, with thirty-seven trees in an overall poor condition and the remaining eight trees in an overall very poor condition (see summary below).

The following is a summary of the tree assessments carried out, the full results of the survey can be found in Appendix One and a survey key can be found in Appendix Two.

| Individual Tree Assessment - Summary | |
|--|-----------|
| Total number of individual trees recorded | 57 |
| Condition Rating - 1 (Very Good) | 0 |
| Condition Rating - 2 (Good) | 0 |
| Condition Rating - 3 (Fair) | 12 |
| Condition Rating - 4 (Poor) | 37 |
| Condition Rating - 5 (Very Poor) | 8 |
| Trees requiring urgent priority pruning/ maintenance | 0 |
| Trees requiring high priority pruning/ maintenance | 19 |
| Trees requiring medium priority pruning/ maintenance | 7 |
| Trees requiring low priority pruning/ maintenance | 0 |
| Total Number of Individual Trees requiring pruning/ maintenance | 26 |
| Trees requiring urgent priority removal | 11 |
| Trees requiring high priority removal | 10 |
| Trees requiring medium priority removal | 10 |
| Trees requiring low priority removal | 0 |
| Total Number of Individual Trees requiring removal | 31 |
| Trees requiring no work | 0 |

Figure Two – Individual Tree Assessment Summary

6th April 2017

Page | 4

Spencer Beach Holiday Park – Tree Assessment Report

Of the fifty-seven individual trees assessed, fifty-two trees scored a fair for health, where the condition of a tree is representative of the species, with approximately 11-30% decline.

Four trees scored a poor for health, where the condition of a tree is below average for the species, with approximately 31-70% decline. And the remaining one tree scored a very poor for health, where a tree is in more than approximately 70% state of decline or dead.

Of the fifty-seven individual trees assessed, fourteen trees scored a fair for form, where defects are present, but can be rectified in order to maintain the structural integrity and continued well-being of tree, or approximately 11-30% of the canopy shape is missing or modified.

Thirty-six trees scored a poor for form, where tree maintenance cannot improve the framework or the continued well-being of tree, where defects result in loss of structural integrity and cannot be rectified, or where approximately 31-70% of the canopy shape is missing or modified.

The remaining seven trees scored a very poor for form, where a tree has a total loss of structural integrity or more than approximately 70% of canopy shape is missing or modified.

In summary, the majority of individual trees assessed were found to be in a fair condition for health but either a poor or very poor condition for form (structure). The main structural issues on the Pine trees, being poorly attached/ weak branch unions on very large branches with excessive end weight. There were also multiple trees with significant decay present in the main trunk and large scaffold limbs, these were mainly Willows and Poplars. Both of these species are typically known to have structural weaknesses, especially as they become mature and over-mature.

3.2 Groups of Trees

Of the twenty-eight groups of trees assessed eight groups of trees were found to be in an overall fair condition, with nineteen groups of trees in an overall poor condition and the remaining one group of trees in an overall very poor condition (see summary below).

Of the twenty-eight groups of trees assessed, twenty-five trees scored a fair for health, where the condition of a tree is representative of the species, with approximately 11-30% decline.

The remaining three groups of trees scored a poor for health, where the condition of a tree is below average for the species, with approximately 31-70% decline.

Of the twenty-eight groups of trees assessed, eight groups of trees scored a fair for form, where defects are present, but can be rectified in order to maintain the structural integrity and continued well-being of tree, or approximately 11-30% of the canopy shape is missing or modified.

Nineteen groups of trees scored a poor for form, where tree maintenance cannot improve the framework or the continued well-being of tree, where defects result in loss of structural integrity and cannot be rectified, or where approximately 31-70% of the canopy shape is missing or modified.

The remaining one group of trees scored a very poor for form, where a tree has a total loss of structural integrity or more than approximately 70% of canopy shape is missing or modified.

In summary, the majority of groups of trees assessed were found to be in a fair condition for health but either a poor or very poor condition for form (structure). These are very similar results to the individual trees, with very similar issues relating to poor branch attachments and the presence of decay. But also, more branch loss or structural failures of mainly the Goat and Crack Willows along with Acacias.

6th April 2017

Page | 5

Spencer Beach Holiday Park – Tree Assessment Report

| Groups of Trees Assessment - Summary | |
|---|-----------|
| Total number of groups of trees recorded | 28 |
| Condition Rating - 1 (Very Good) | 0 |
| Condition Rating - 2 (Good) | 0 |
| Condition Rating - 3 (Fair) | 8 |
| Condition Rating - 4 (Poor) | 19 |
| Condition Rating - 5 (Very Poor) | 1 |
| Groups of trees requiring urgent priority pruning/ maintenance | 1 |
| Groups of trees requiring high priority pruning/ maintenance | 10 |
| Groups of trees requiring medium priority pruning/ maintenance | 5 |
| Groups of trees requiring low priority pruning/ maintenance | 0 |
| Total Number of Groups of Trees requiring pruning/ maintenance | 16 |
| Groups of trees requiring urgent priority removal | 2 |
| Groups of trees requiring high priority removal | 4 |
| Groups of trees requiring medium priority removal | 5 |
| Groups of trees requiring low priority removal | 1 |
| Total Number of Groups of Trees requiring removal | 12 |
| Groups of trees requiring no work | 0 |

Figure Three – Groups of Trees Assessment Summary

These survey results are only valid at the time of the report being written as changes that occur to the trees and/ or site conditions cannot be accounted for.

Spencer Beach Holiday Park – Tree Assessment Report

4.0 Observations

It was found that a widespread problem throughout the holiday park, is an overall lack of regular tree assessments and maintenance.

There are multiple mature and over-mature Monterey Pine trees (*Pinus radiata*), located throughout the park which have poorly formed/ weak branch unions and excessive end weight on very large scaffold limbs and branches. The majority of these trees are located either directly above campsites (both permanent and seasonal) and cabins or within close proximity to camp facilities and high use areas of the site (see photos below).



Figure 4: Showing Tree 035 a very large, over-mature Pine tree adjacent to The Lodge with significant structural weaknesses.



Figure 5: Showing a close up of Tree 035 and the multiple poor branch attachments which are significant structural weaknesses.

There are also several groups of large, mature Lombardy Poplars (*Populus nigra 'Italica'*), in various areas around the park, the majority of which have extensive decay present within the trunks. These trees are also located either directly above campsites (both permanent and seasonal) and cabins or within close proximity to camp facilities and high use areas of the site (see photos below).

Several individual specimen trees also have significant structural weaknesses, some with extensive decay present and open cavities within their trunks and scaffold limbs (see photos below).

Spencer Beach Holiday Park – Tree Assessment Report



Figure 6: Showing part of Group 6 a line of very large, over-mature Lombardy Poplar trees, with significant structural weaknesses.



Figure 7: Showing a close up of one tree in Group 6, with extensive decay present and open cavities in the base of the trunk.



Figure 8: Showing Tree 031 a large, over-mature Willow tree, with extensive decay present in its trunk and scaffold limbs.

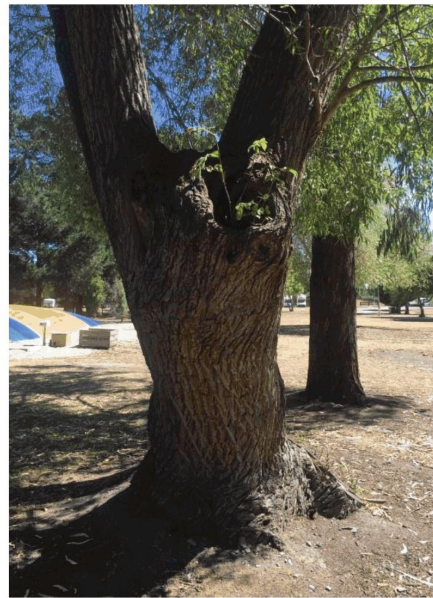


Figure 9: Showing a close up of Tree 031, with extensive decay present and multiple large open cavities in its trunk and scaffold limbs.

6th April 2017

Page | 8

Spencer Beach Holiday Park – Tree Assessment Report

5.0 Tree Planting

As well as all the urgent and high priority tree pruning and removals work already identified, another area requiring high priority attention is new tree planting.

As mentioned above there was a very noticeable the gap in age classes of trees across the site, there are lots of mature and over-mature trees but very few semi-mature and young trees present. There needs to be regular planting of new trees on any site where you have trees as an asset to ensure continuity of tree cover when the older mature trees are removed.

On a site, such as this with sandy soils, low water and nutrient holding capacity of the soil and the Easterly salt laden winds, species of trees to be planted need to be chosen well to ensure good success rates. Thought also need to be given to species that will provide shade, shelter from winds and aesthetic appeal. But that will not cause future problems with debris drop and structural weaknesses.

All trees should be planted in accordance with the Christchurch City Council Civil Engineering Construction Standard Specification (2014) – Part 7 Landscapes – Section 6.0 Planting of Specimen Trees.

5.1 Soil Conditions

As already stated the soil present on this site is not an ideal growing condition for young trees, some consideration needs to be given to improving the soil to help any young trees planted to establish well. It would be prudent to improve the soil quality of the areas that new trees are to be planted by adding un-screened soil mixed with well composted organic matter. This gives the new trees more nutrients than are present in the current soil to help give them the best possible start in life.

The newly planted trees will also require a strict watering regime for the first three years after planting. The usual recommendations for new street tree plantings are 40lts per tree, once a week for 3-4months of the year. Due to the very dry nature of the site I would recommend increasing the frequency of watering to 40lts per tree twice weekly for a minimum of four months of the year, maybe more depending on the conditions during the warmer months.

Provisions need to be made prior to planting any new trees to cover the costs of this intensive three-year young tree planting aftercare programme. It would be most unfortunate if newly planted trees did not survive the first few years, due to lack of aftercare maintenance.

5.2 Tree Species

As mentioned above tree species to be planted requires careful consideration, taking into account the site and soil conditions, but also the use of the site as a whole in relation the trees.

Recommended species:

Natives

Cabbage Trees (*Cordyline australis*)
Ngaio (*Myoporum laetum*)
AkeAke (*Dodonea viscosa*)
Houhere (*Hoheria angustifolia*)
Kanuka (*Kunzea ericoides*)
Manuka (*Leptospermum scoparium*)
Mahoe (*Melicetyus ramiflorus*)
Lemonwood (*Pittosporum eugenioides*)
Kohuhu (*Pittosporum tenuifolium*)
South Island Kowhai (*Sophora microphylla*)

Exotics

Turkey Oak (*Quercus cerris*)
Holm Oak (*Quercus ilex*)
River Birch (*Betula nigra*)
Paper Birch (*Betula papyrifera*)
Hornbeam (*Carpinus betulus*)
Deodar Cedar (*Cedrus deodara*)
Nettle Tree (*Celtis australis*)
Japanese Larch (*Larix kaempferi*)
Hop Hornbeam (*Ostrya carpinifolia*)
Scots Pine (*Pinus sylvestris*)

6th April 2017

Page | 9

Spencer Beach Holiday Park – Tree Assessment Report

6.0 Recommendations

It is recommended that all urgent priority tree pruning and removals are carried out within a six-month timeframe.

It is recommended that all high priority tree pruning and removals are carried out within a twelve-month timeframe.

It is recommended that all medium priority tree pruning and removals are carried out within a three-year timeframe.

It is recommended that all low priority tree pruning and removals are carried out within a five-year timeframe.

It is recommended that the whole site and all trees are assessed on an annual basis to ensure that any changes to the trees or the site conditions are discovered in a timely manner and appropriate action can be taken to ensure public safety.

It is recommended that a new Landscape Plan is produced for the site and that extensive tree planting is carried out as a high priority.

It is recommended that all tree pruning and removals are carried out by suitably experienced and qualified arboricultural contractors, to improve tree health and for public safety.

It is recommended that all monitoring and tree assessments are carried out by suitably experienced and qualified arboricultural consultants, to ensure both tree and public safety.

Liz Warner - *BSc (Hons) Arboriculture*

Consultant Arborist

Warner Tree Care Ltd

6th April 2017

Page | 10

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|--|--|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|---|--|----------|----------------|
| Group 1 | Entrance to camp ground | <i>Cordyline australis</i> , <i>Casuarina cunninghamiana</i> x7 | 2.0-18.0 | | | SM | S-M | 4 | 4 | 4 | Group of Cordylines and Casuarina's at the entrance to the Holiday Park. The Cordylines are mostly in a fair overall condition. The casuarinas are in declining health with sparse canopies and a large amount of dieback in two of them. | Remove two marked Casuarina's only | M | 08/02/2017 |
| Group 2 | Entrance to camp ground, adj barrier arm. | <i>Pinus radiata</i> x5, <i>Casuarina cunninghamiana</i> x1, <i>Salix fragilis</i> x1, <i>Salix babylonica</i> x1 | 15-28 | | | M | M | 3 | 3 | 3 | Footpath installed very close to trees, possible root damage. Multiple dead branches in pine trees, med-large. | Remove large dead and damaged branches over road and footpath. | M | 08/02/2017 |
| Tree 001 | Entrance to camp ground, adj barrier arm. | <i>Pinus radiata</i> | 25.0 | 12.0 | 0.73 | M | M | 3 | 4 | 4 | Footpath installed very close to tree, with the main access road on the opposite side of the tree, possible root damage. Multiple poor/weak branch attachments, with excessive end-weight. Large girding root on back side of tree and no root flare on opposite side. | 3rd Pine in group, staged removal over a number of years. | M | 08/02/2017 |
| Group 3 | Entrance to camp ground, opp Group 2 | <i>Pinus radiata</i> , <i>Populus nigra Italica</i> , <i>Populus alba</i> | 20.0-30.0 | | | M | L | 3 | 3 | 3 | Smaller group of mostly Pine trees, remnants of the original plantation. The group has several dead trees/spars in group, one tree with a hanging branch over the road. | Remove all dead trees/spars and all hanging branches. | H | 09/02/2017 |
| Tree 002 | Within Group 3 - Directly adj garage | <i>Pinus radiata</i> | 10.0 | 6.0 | 0.42 | M | M | 3 | 4 | 4 | Tree is growing directly adjacent to garage within a group of mostly Pine trees. The majority of the trees crown is growing over the roof of the garage and is likely to cause potential damage to the garage in the future. Tree is heavily suppressed by adj trees and has multiple poor/weak branch attachments. | Remove tree. | M/L | 08/02/2017 |
| Tree 003 | Within Group 3 - Directly adj garage | <i>Populus alba</i> | 13.0 | 7.0 | 0.41 | M | M | 3 | 4 | 4 | Tree is growing directly adjacent to garage within a group of mostly Pine trees. The majority of the trees crown is growing over the roof of the garage and is likely to cause potential damage to the garage in the future. Tree is heavily suppressed by adj trees and has multiple poor/weak branch attachments. | Remove tree. | M/L | 08/02/2017 |
| Tree 004 | Right side of pedestrian entrance - On North Western side of Group 3 | <i>Populus nigra Italica</i> | 25.0 | 5.0 | 0.55 | M | S | 3 | 4 | 4 | Poplar has significant decay present in lower trunk. Also included bark unions in upper crown. | Remove tree | H | 09/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|-----------|--|---|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|--|--|----------|----------------|
| Tree 005 | Right side of pedestrian entrance - On North Western side of Group 3 | <i>Populus nigra Italica</i> | 25.0 | 5.0 | 0.45 | M | S | 3 | 4 | 4 | Poplar has significant decay present in lower trunk, large open cavity. Also included bark union at main stem. | Remove tree | H | 09/02/2017 |
| Tree 006 | Left side of pedestrian entrance - On South Western side of Group 3 | <i>Pinus radiata</i> | 25.0 | 5.0 | 0.00 | M | S | 3 | 4 | 4 | Tree has significant decay present in lower trunk. | Remove tree | H | 09/02/2017 |
| Group 4 | On Eastern Boundary adj storage sheds | <i>Pinus radiata</i> x6, <i>Salix fragilis</i> x1 | 10.0-30.0 | | | M | L | 3 | 3 | 3 | Smaller group of mostly Pine trees, remnants of the original plantation. Trees are in an overall fair condition, with one tree at the Southern end of the group with an included bark union. | Monitor tree with included union on an annual basis | M | 09/02/2017 |
| Tree 006a | On Eastern Boundary adj storage sheds | <i>Pinus radiata</i> | 18.0 | 5.0 | 0.30 | M | S | 4 | 4 | 4 | Tree has a very sparse crown and evidence of decay in lower trunk. Heavily decayed stump adj to tree. | Remove tree | H | 09/02/2017 |
| Group 5 | On Eastern Boundary adj to main access road | <i>Pinus radiata</i> , <i>Populus nigra Italica</i> , <i>Populus alba</i> | 20.0-30.0 | | | M | L | 3 | 3 | 3 | Large group of Pine trees, remnants of the original plantation. Several trees within the group have either failed or partially failed at the rootplate in the past. There are also several smaller dead spars. | Remove all dead spars and any large hanging branches if found. | H | 09/02/2017 |
| Tree 007 | Behind site number 72 | <i>Populus nigra Italica</i> | 18.0 | 2.0 | 0.22 | M | S | 3 | 4 | 4 | The base of this tree sounds hollow when hit with a hammer. | Remove tree. | H | 09/02/2017 |
| Tree 008 | Western boundary of Group 5, adj fence | <i>Pinus radiata</i> | 28.0 | 10.0 | 0.80 | M | S | 3 | 4 | 4 | Tree has significant decay in trunk up to approx. 10m. | Remove tree | U | 09/02/2017 |
| Tree 009 | Just over the fence from Tree 008, behind site number 73 | <i>Populus nigra Italica</i> x4 | 15-18 | 3.0 | 0.40 | M | S | 3 | 4 | 4 | One of the four Poplars here is dead and the other three sound hollow when hit with a hammer at the base. | Remove all four trees. | H | 09/02/2017 |
| Tree 010 | In the centre of Group 5 just east of Tree 011 | <i>Pinus radiata</i> | 22.0 | 7.0 | 0.55 | M | S-M | 3 | 4 | 4 | This tree's root plate has lifted in the past and is now on its own in a small gap in the stand due to most of the trees around it failing at the rootplate in wind events. | Remove tree | H | 09/02/2017 |
| Tree 011 | Western boundary of Group 5, adj fence | <i>Pinus radiata</i> | 18.0 | 7.0 | 0.65 | M | S | 3 | 5 | 5 | Tree has significant decay in trunk, the central leader has snapped out some time ago and there is only one live branch remaining in crown. | Remove tree | U | 09/02/2017 |
| Tree 012 | At the southern end of Group 5 | <i>Pinus radiata</i> | 16.0 | 7.0 | 0.55 | M | S-M | 3 | 4 | 4 | This tree has lost its main leader in the past and a side branch has taken over but is growing at about a 45deg angle. There looks to be a cavity where the trunk has snapped off. | Remove tree. Check the cavity first for owl nests before removing the whole tree if a nest is present just remove the one large side branch. | H | 09/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|----------------------------|--|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|--|---|----------|----------------|
| Group 6 | Adj road | <i>Populus nigra Italica</i> x10 | 26.0 | | | M | S | 3 | 4 | 4 | The base of this group of trees sounds hollow when hit with a hammer. Significant decay present in the lower trunks of all trees and multiple open cavities. Large tree on Western end of row has a split included bark union. Trees have all been topped in the past at approx. 10-12m in height, but have since been left to grow, leaving weak attachment points. | Couple of options, either reduce the trees in half to start with and then in a few years' time reduce height even further and keep the trees maintained at that height. Second option is to remove the trees altogether and replace with something else. | U | 09/02/2017 |
| Tree 013 | Adj children's play area | <i>Pinus radiata</i> | 25.0 | 21.0 | 2.00 | OM | L | 3 | 4 | 4 | Very large over-mature pine tree has lost multiple large stems/limbs in the past, multiple large wounds remain on trunk and have not occluded well. Trees lower canopy is somewhat one-sided. The upper canopy has two main stems which appear to have some possible decay/problems at the point of attachment to the main trunk. Both stems are very large and have a significant amount of weight on them. Tree has been end-weighted in the past. Tree has multiple large surface roots, the majority of which have sustained some form of damage. The ground around the base of the tree is also very compacted. | Recommend climbing inspection to assess structural integrity of branch attachments of two main stems. If there are found to be weakness then an assessment of what work is required can be completed depending of the severity of the said weaknesses. It may be possible to take some more end-weight out of the crown and to retain the tree. Also recommend covering the trees exposed roots with a good layer of mulch and keeping moist if possible. | H | 09/02/2017 |
| Tree 014 | Adj rocking horse | <i>Salix babylonica</i> | 10.0 | 14.0 | 0.95 | M | M | 3 | 4 | 4 | Tree has lost multiple large stems in the past leaving large wounds on the lower trunk and significant decay is present in these wounds. Tree has a fairly minimal crown. | Monitor tree on an annual basis | M | 09/02/2017 |
| Tree 015 | Adj kitchen cabin #3 | <i>Pinus radiata</i> | 28.0 | 20.0 | 1.80 | OM | L | 3 | 3 | 3 | Very large over-mature pine tree is approx. 4m from cabin. Very large stem growing over the roof of the cabin has had some end-weight reduced in the past. | Reduce very large stem that is over cabin roof back to the gutter line. Also reduce second large stem higher up that is growing over the corner of the cabin roof. Whilst in the tree inspect the upper canopy for any structural weaknesses. | H | 09/02/2017 |
| Group 7 | Adj main facilities block | <i>Salix caprea</i> x10, <i>Maytenus boraria</i> x1 | 12.0 | | | SM | S | 3 | 4 | 4 | All trees have lost multiple limbs in the past, leaving remaining trunks/stems structurally weak. Majority of trees have multiple included bark unions (typical of both species), several of which have split apart and limbs are just resting in the crowns. | Remove all trees in group except for Birch and 2x Purple Malus. | M | 09/02/2017 |
| Group 8 | Adj K3 | <i>Populus nigra Italica</i> x5 | 29.0 | | | M | M/L | 3 | 4 | 4 | The base of this group of trees sounds hollow when hit with a hammer. Significant decay present in the lower trunks of all trees and several open cavities. Multiple dead branches within the crowns. | Couple of options, either reduce the trees in half to start with and then in a few years' time reduce height even further and keep the trees maintained at that height. Second option is to remove the trees altogether and replace with something else. | H | 09/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|---|--|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|---|--|----------|----------------|
| Group 9 | Northern boundary adj Davitt's house | <i>Cupressus macrocarpa</i> x3, <i>Pinus radiata</i> x1, <i>Populus nigra Italica</i> x1 | 26.0 | | | M | M | 3 | 4 | 4 | Hanging branches in Mac closest to house. Significant included bark unions in adj 2x macs. | Remove all hanging branches. Reduce 2x stems over campground and remove smaller third stem. | H | 21/02/2017 |
| Tree 016 | Northern boundary | <i>Hoheria</i> sp. | 8.0 | 5.0 | 0.22 | SM | S | 5 | 3 | 5 | Tree is 100% dead. | Remove tree. | H | 21/02/2017 |
| Tree 017 | Northern boundary | <i>Pinus radiata</i> | 27.0 | 14.0 | 1.10 | M | M | 3 | 4 | 4 | Excessive end weight on weak unions. | Reduce height/ end weight on very large northern stem and smaller southern stem over camp ground. Medium priority removal. | H | 21/02/2017 |
| Tree 018 | Northern boundary | <i>Salix babylonica</i> | 13.5 | 12.0 | 0.73 | SM | M | 3 | 3 | 3 | Tree has multiple dead branches within the crown. | Remove all large deadwood. Also remove dead snapped branch on Mac opposite. | H | 21/02/2017 |
| Group 10 | Northern boundary | <i>Pinus radiata</i> x3 | 26.5 | 14.0 | 1.20 | OM | S | 3 | 4 | 4 | Multiple split/ hanging very large branches/stems. Multiple poor unions and branches with excessive end-weight. Repeated evidence of past failures. | Remove all 3 trees. | U | 21/02/2017 |
| Group 11 | Western boundary adj Bottle Lake Forest and small section in North Eastern area of Campground between the permanent sites | <i>Populus nigra Italica</i> | 10.0 | | | M | M | 3 | 4 | 4 | Topped poplar hedge runs the majority of the length of the Western Boundary of the holiday park, with a small section between two lots of caravans in the permanent sites in the North East of the campground. The Poplars have all been previously topped and therefore the new growth has weak attachment points where it grows from the old trunks. The majority of the trees have some decay present in the trunks. | Re-top hedge 1-2m above old topping points, every 3-4years. | H | 21/02/2017 |
| Tree 019 | Northern boundary - Within campground | <i>Pinus radiata</i> | 28.0 | 13.0 | 1.10 | OM | M | 3 | 3 | 3 | Multiple smaller deadwood in the upper canopy. Three large leaders with lots of end-weight on. | Monitor | H | 21/02/2017 |
| Group 12 | Northern boundary - Within campground | <i>Pinus radiata</i> x3 | 27.0 | | | M | S | 3 | 4 | 4 | Multiple large old decay pockets in trunks. Multiple poor/weak unions and very large branches/stems with excessive end weight. | Remove all 3 trees. | U | 21/02/2017 |
| Tree 020 | Northern boundary - Outside fence | <i>Pinus radiata</i> | 26.0 | 15.0 | 0.75 | M | L | 3 | 3 | 3 | Small broken hanging branch over campground. | Remove hanging branch. | H | 21/02/2017 |
| Tree 021 | Northern boundary - Within campground | <i>Pinus radiata</i> | 26.0 | 15.0 | 0.84 | M | M | 3 | 4 | 4 | Poor/weak union at main stem. | Reduce side bent stem by approx. 4m. | H | 21/02/2017 |
| Group 13 | Northern boundary - Within campground | <i>Populus nigra</i> x2, <i>Salix babylonica</i> x1 | 10.0-28 | | | M | M | 3 | 3 | 3 | Multiple dead branches within crowns. | Remove all large deadwood. | H | 21/02/2017 |
| Tree 022 | North West of Poplar hedge | <i>Salix babylonica</i> | 12.0 | 11.0 | 0.70 | SM | M | 3 | 3 | 3 | Multiple dead branches in the crown. Large split in smaller secondary stem. | Reduce end-weight on split stem if possible to retain aesthetics, if not remove whole stem. | H | 21/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|--------------------------------------|--|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|---|---|----------|----------------|
| Group 14 | Western boundary - Within campground | <i>Pinus radiata</i> x9, <i>Cupressus macrocarpa</i> x1 | | | 1.00 | M | M | 3 | 4 | 4 | Multiple poor/weak unions in several trees, die-back in the canopy of one tree. Multiple split/hanging branches in Mac over fence. Large pine on top of small hill has split branches, significant surface roots, some with decay, weak unions. | Monitor group of trees. Remove tree on hill as a medium priority. | M | 21/02/2017 |
| Group 15 | Western side in front of cabins | <i>Pinus radiata</i> x2 | 29.0 | 18.0 | 1.30 | OM | S | 3 | 4 | 4 | Poor/weak unions, excessive end-weight. Multiple lost branches in the past. Smaller tree will be significantly adversely affected by removal of large adj tree. | Remove both trees. | H | 21/02/2017 |
| Tree 023 | North West of main kitchen | <i>Salix babylonica</i> | 10.5 | 13.0 | 0.54 | SM | M | 3 | 3 | 3 | Multiple dead/ broken and snapped out branches in the crown. | Remove all large deadwood and broken/snapped branches. | H | 21/02/2017 |
| Tree 024 | North of unit E1 | <i>Eucalyptus sp</i> | 19.0 | 16.0 | 0.85 | M | M | 3 | 3 | 3 | The upper canopy looks to be thinning out monitor yearly. | Monitor tree on an annual basis | M | 22/02/2017 |
| Tree 025 | East of unit F 12 | <i>Betula pendula</i> | 12.0 | 5.0 | 0.24 | SM | M | 4 | 4 | 4 | The tee looks to be in decline canopy is very thin at the top some small dieback, possible lack of water. | Monitor in a year for health changes. Water regularly in dry periods if practical. | M | 23/02/2017 |
| Group 16 | East of unit F6 | <i>Cordyline australis</i> , <i>Plagianthus regius</i> , <i>Acacia melanoxylon</i> , <i>Pittosporum tenuifolium</i> , <i>Griselinia littoralis</i> | 2-12m | | | SM | M | 4 | 4 | 4 | There are three dead trees here 2 x small Griselinia and one Acacia at the south end of the group. There is also a Black Wattle at the north end with a possible cavity in the trunk but is about four meters off the ground hidden in epicormics. Second black wattle has two split limbs in the canopy. | Remove dead trees and get a climber to look at cavity in Blackwood the next time one is working onsite. Second Blackwood remove all split branches and FMP. | H | 21/02/2017 |
| Group 17 | Between units F6 and F5 | <i>Betula pendula</i> x2 | 14.0 | 8.0 | 0.34 | M | M | 3 | 3 | 3 | The two trees look to be in decline canopy has some small dieback, possible lack of water. | Monitor in a year for health changes. Water regularly in dry periods if practical. | M | 22/02/2017 |
| Tree 026 | East of unit F 3 | <i>Betula pendula</i> | 12.0 | 7.0 | 0.30 | M | M | 4 | 3 | 4 | The tree looks to be in decline canopy is very thin at the top some small dieback, possible lack of water. | Monitor in a year for health changes. Water regularly in dry periods if practical. | M | 23/02/2017 |
| Tree 027 | East of unit F 1 | <i>Eucalyptus sp</i> | 19.0 | 10.0 | 0.56 | M | M | 3 | 4 | 4 | The tree has a couple hangers and is multi stemmed. | Reduce stem to appropriate union and reduce weight on the south eastern limbs. FMP | H | 24/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|--|---|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|--|---|----------|----------------|
| Group 18 | South of powered site 27a | <i>Alnus glutinosa</i> x4 | 12.0 | 8.0 | 0.34 | M | M | 3 | 3 | 3 | There are four trees in this group two of them have thin canopies and one has medium sized dieback. | Monitor in a year for health changes. Water regularly in dry periods if practical. | M | 25/02/2017 |
| Tree 028 | South east of the power source for site 11 | <i>Salix fragilis</i> | 11.0 | 15.0 | 0.63 | M | L | 3 | 3 | 3 | The tree has a hanger and some deadwood in the canopy. | Complete a FMP and remove deadwood and old delaminated hanger. | M | 26/02/2017 |
| Tree 029 | North of jumping pillow | <i>Quercus palustris</i> | 20.0 | 15.0 | 0.83 | M | S | 3 | 4 | 4 | Tree has multiple included/ weak unions, one of which has recently split out. Remaining tree has been left structurally compromised. | Remove tree | U | 22/02/2017 |
| Tree 030 | North of jumping pillow | <i>Quercus palustris</i> | 20.0 | 14.0 | 0.86 | M | S | 3 | 4 | 4 | Tree has multiple included/ weak unions, mainly near ground level. Several in the upper canopy. | Climbing inspection to check unions in upper canopy, install cable bracing at 2/3rds height of main stems. Reduce end-weight on lower 3/4 large stems and possibly reduce height of main stems. Re-assess tree once neighbouring tree has been removed. | H | 22/02/2017 |
| Group 19 | North of powered site 14 | <i>Salix babylonica</i> x2 | 12.0 | 11.0 | 0.56 | M | M | 3 | 4 | 4 | Structural deterioration, split/ hanging branches. Large dead branches and stubs from old snap outs. | Complete a FMP and remove deadwood and all hangers. | H | 22/02/2017 |
| Tree 031 | North East of jumping pillow | <i>Salix babylonica</i> | 16.0 | 15.0 | 0.70 | M | S | 3 | 4 | 4 | Significant decay present in lower trunk and scaffold limbs, multiple open cavities. Significant structural weakness. | Remove tree | U | 22/02/2017 |
| Group 20 | West of jumping pillow | <i>Salix caprea</i> x4, <i>Acacia floribunda</i> x1 | 4.0-6.5 | | | SM | S | 3 | 5 | 5 | All trees have lost multiple limbs in the past, leaving remaining trunks/stems structurally weak. Majority of trees have multiple included bark unions (typical of both species), several of which have split apart. | Remove all trees in group except for AkeAke. | M | 22/02/2017 |
| Tree 032 | West of jumping pillow | <i>Pinus radiata</i> | 28.0 | 16.0 | 1.30 | M | M | 3 | 4 | 4 | Tree has poor/weak unions and excessive weight on two main stems in upper canopy. High potential for future failure. | Remove tree | M | 22/02/2017 |
| Tree 033 | West of jumping pillow | <i>Pinus radiata</i> | 23.0 | 16.0 | 0.90 | M | L | 3 | 3 | 3 | Large lower stem on Northern side of tree has excessive end-weight. | Reduce end-weight on large lower stem and adj 3/4 stems. | M | 22/02/2017 |
| Tree 034 | North West corner of green amenities block | <i>Pinus radiata</i> | 23.0 | 16.0 | 2.30 | OM | M | 3 | 4 | 4 | Twin stemmed at approx. 2m from ground, two very large stems with excessive end-weight. Tree has lost multiple large limbs/ stems in the past, some decay present. | Cable brace with a steel cable as a high priority. Low priority removal (only if cable braced). | H | 22/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|---|---|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|--|---|----------|----------------|
| Group 21 | Road intersection | <i>Populus nigra Italica</i> x2 | 28.0 | | | M | M | 3 | 4 | 4 | Larger of the two trees is multi-stemmed near ground level with 3x large stems. Several included unions where these stems join. | Monitor on an annual basis. | M | 08/02/2017 |
| Group 22 | Adj access road | <i>Plagianthus regius</i> x4 | 7.0 | | | SM | S | 4 | 4 | 4 | Trees are in decline and have multiple bark wounds and included bark unions. | Remove trees | L | 08/02/2017 |
| Tree 035 | South East corner of the lodge | <i>Pinus radiata</i> | 26.0 | 19.0 | 1.67 | OM | M | 3 | 4 | 4 | Multi stemmed at approx. 2-3m from ground, multiple very large stems with included bark unions and excessive end-weight. Tree has lost multiple large limbs/ stems in the past. Tree is approx. 8m from the lodge. | Remove tree. | U | 22/02/2017 |
| Tree 036 | South of the lodge adj road | <i>Pinus radiata</i> | 22.0 | 20.0 | 1.45 | OM | M | 3 | 4 | 4 | Tree has an open cavity at the base of trunk on the northern side, with some level of decay present. Multiple branches with weak attachments, not an immediate issue. | Remove tree | M | 22/02/2017 |
| Group 23 | South of Orion Box, adj powered site 96 | <i>Salix fragilis</i> x4 | 10.0 | | | SM | M | 3 | 4 | 4 | All trees have lost multiple limbs in the past, leaving remaining trunks/stems structurally weak. Majority of trees have multiple included bark unions (typical of this species), several of which have split apart. | FMP as a high priority. Low priority - long term removal. | H | 22/02/2017 |
| Group 24 | Adj powered site 130 | <i>Pinus radiata</i> x43, <i>Eucalyptus</i> sp. x3 | 14.0-32.0 | | | M | M | 3 | 4 | 4 | Multiple trees with damage on trunks, evidence of several past tree failures. Multiple trees with broken tops/lost leaders, leading to poor/ weak branch unions and excessive end weight. Group of trees need to be treated as one, as removal of individual trees will change wind loading and dynamics causing likely whole tree failures in the future. | Remove all trees. | H | 22/02/2017 |
| Tree 037 | Adj powered site 113 | <i>Salix caprea</i> | 10.0 | 8.0 | 0.20 | SM | S | 4 | 4 | 4 | Tree has >30% foliage density loss. Tree has suckered from an old stump, multiple stems with poor/ weak unions. | Remove tree | M | 22/02/2017 |
| Tree 038 | Adj powered site 135 | <i>Salix babylonica</i> | 15.0 | 14.0 | 0.67 | M | L | 3 | 3 | 3 | Tree has multiple large dead branches within the crown. | Remove all large deadwood and broken/snapped branches. | M | 22/02/2017 |
| Group 25 | Above powered sites 159/160 | <i>Salix fragilis</i> x5 | 15.0 | | | SM | M | 3 | 4 | 4 | Several trees, some growing from old stumps, significant decay present in base of trunks. Multiple branches have snapped out in the past. | Remove trees | M | 08/02/2017 |
| Tree 039 | On top of small hill near Octagon | <i>Pinus radiata</i> | 25.0 | 10.0 | 0.85 | M | M | 3 | 4 | 4 | Tree has significant structural weaknesses in its main stem, in the form of two large bends in the stem at approx. 6 and 14m from ground level. Tree has significant soil erosion around roots and multiple damaged/ broken roots. | Remove tree | H | 08/02/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|-----------------------------------|--|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|---|--|----------|----------------|
| Tree 040 | North West of Octagon | <i>Pinus radiata</i> | 28.0 | 10.0 | 0.83 | M | M | 3 | 4 | 4 | Twin-stemmed tree, southern stem is leaning with excessive end-weight and included union at base. | Remove Southern leaning stem and reduce end-weight on two large laterals on remaining stem. | H | 22/02/2017 |
| Tree 041 | North West of Octagon | <i>Pinus radiata</i> | 31.0 | 19.0 | 1.60 | OM | M | 3 | 4 | 4 | Tree has a large split/ hanging branch in the Eastern side of the crown. | Remove large split/ hanging branch from the canopy. | H | 28/02/2017 |
| Tree 042 | North West of Octagon | <i>Pinus radiata</i> | 32.0 | 17.0 | 1.68 | OM | M | 3 | 4 | 4 | Tree has multiple large dead branches within the crown. | Remove all large deadwood from the canopy. | H | 28/02/2017 |
| Tree 043 | North West of Octagon | <i>Pinus radiata</i> | 28.0 | 7.0 | 0.60 | M | M | 3 | 3 | 3 | Tree has a dead hanging branch in the crown. | Remove all hanging branches from the canopy. | H | 28/02/2017 |
| Tree 044 | North West of Octagon | <i>Pinus radiata</i> | 25.0 | 13.0 | 0.85 | M | M | 3 | 4 | 4 | Tree is on a significant lean, has multiple poor/ weak branch attachments and has excessive end-weight. | Remove tree | M | 28/02/2017 |
| Tree 045 | North West of Octagon | <i>Pinus radiata</i> | 25.0 | 10.0 | 0.85 | M | M | 3 | 3 | 3 | Tree has multiple dead branches within the crown and several dead hanging branches. | Remove all hanging branches and large deadwood from the canopy. | H | 28/02/2017 |
| Group 26 | Adj powered site 119 | <i>Salix fragilis</i> x2 | 11.0 | | | SM | M | 3 | 3 | 3 | Both trees have multiple split/ hanging branches and deadwood within the canopy. | Remove all hanging branches and large deadwood from the canopy, plus FMP. | H | 28/02/2017 |
| Tree 046 | Western Southern boundary of site | <i>Betula pendula</i> | 8.0 | 6.0 | 0.22 | SM | S | 3 | 4 | 4 | Tree has lost its central leader at 3m above ground level, this has left the remaining stem structurally weak. Other pockets of decay in the trunk. | Remove tree. | M | 28/02/2017 |
| Group 27 | Behind site 208 | <i>Salix babylonica</i> x3, <i>Salix tortuosa</i> x1 | 11.0 | | | M | M | 3 | 4 | 4 | All trees have major deadwood and some hanging branches in the canopies. The Eastern most tree has decay evident in the base of the trunk. | Remove all hanging branches and large deadwood from the canopy, plus FMP all trees. Tree with decay in base, reduce end-weight of stem closest to caravan. | H | 01/03/2017 |
| Tree 047 | Behind site 208 | <i>Pinus sp</i> | 8.0 | 5.0 | 0.39 | M | S | 3 | 5 | 5 | The trees root plate has lifted and is on a severe lean. | Remove tree. | U | 01/03/2017 |
| Tree 048 | Behind site 208 | <i>Pinus radiata</i> | 28.0 | 10.0 | 0.80 | M | S | 3 | 5 | 5 | The trees root plate has lifted and is leaning onto another tree. | Remove tree. | U | 01/03/2017 |
| Tree 049 | Behind site 208 | <i>Pinus radiata</i> | 10.0 | 6.5 | 0.22 | M | S | 3 | 5 | 5 | The trees root plate has lifted and is leaning onto another tree. | Remove tree. | U | 01/03/2017 |
| Tree 050 | Behind site 208 | <i>Pinus radiata</i> | 15.0 | 6.5 | 0.39 | M | S | 3 | 5 | 5 | The trees stem has failed at the base and is leaning on the tree next to it. | Remove tree. | U | 01/03/2017 |
| Tree 051 | Behind site 208 | <i>Pinus radiata</i> | 28.0 | 5.0 | 0.39 | M | S | 3 | 5 | 5 | The tree has been multi stemmed in the past but has sustained wind damage and only one stem is left. | Remove tree. | U | 01/03/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Tree ID | Street Address or Location | Latin Name | Height (m) | Canopy Width (m) | DBH (m) | Age Class | Life Expectancy | Tree Health | Tree Form | Overall Condition | Tree Details | Recommendations | Priority | Date Inspected |
|----------|---|--------------------------|------------|------------------|---------|-----------|-----------------|-------------|-----------|-------------------|---|---|----------|----------------|
| Tree 052 | Behind site 208 | <i>Pinus radiata</i> | 16.0 | 8.0 | 0.50 | M | S | 3 | 5 | 5 | The tree is on a severe lean towards a popular campsite in the summer. | Remove tree. | U | 01/03/2017 |
| Tree 053 | East of site 211 | <i>Pinus radiata</i> | 26.0 | 20.0 | 1.30 | OM | M | 3 | 4 | 4 | The tree has a couple of delaminated limbs in the canopy. Also two large over weighted limbs coming from low in the canopy facing north and west. | Remove damaged limbs and end weight the two large limbs to the north and west. | H | 01/03/2017 |
| Group 28 | East of site 217 | <i>Pinus radiata</i> x14 | 30 | | | OM | M | 3 | 4 | 4 | 8 of the 14 trees have poor/weak branch attachments, with excessive end-weight. Multiple stemmed trees with included unions. | Remove all large Pine trees in this group. It may be possible to save some of the smaller Pines and some of the understorey planting. | H | 04/03/2017 |
| Tree 054 | West of site 225 | <i>Pinus radiata</i> | 29.0 | 13.0 | 1.05 | M | M | 3 | 4 | 4 | Tree has multiple poor/weak branch attachments, with excessive end-weight. | Remove tree. | M | 04/03/2017 |
| Tree 055 | Behind site 233 (behind boundary fence) | <i>Pinus radiata</i> | 11.0 | | | OM | M | 3 | 4 | 4 | Top has died, very large side limb has taken over and is overhanging fence line. | Prune back to fence line. | H | 04/03/2017 |
| Tree 056 | Behind site 237 (behind boundary fence) | <i>Pinus radiata</i> | 22.0 | 18.0 | | M | M | 3 | 4 | 4 | Tree has multiple poor/ weak branch attachments, several of which have excessive end-weight. Tree has no central leader. | Remove tree | M | 04/03/2017 |

Appendix One – Tree Survey Data

Spencer Beach Holiday Park – Tree Assessment Report

| Field | Description |
|-----------------------------|--|
| Tree ID | Asset identification numbers |
| Tree Species | Scientific tree names |
| Assessment Date | Date of tree inspection for this report |
| Age Class | Y = young |
| | SM = semi-mature |
| | M = mature |
| | OM = over mature |
| Life Expectancy | S = 0-10 Years |
| | M = 10-20 Years |
| | L = 20+ Years |
| Height (m) | Tree height in metres |
| Canopy Width (m) | Canopy width in metres |
| DBH (mm) | Trunk diameter(s) at 1.4 metres above ground |
| Condition Rating | 1 = excellent |
| | 2 = good |
| | 3 = average |
| | 4 = poor |
| | 5 = very poor |
| Tree Details | Descriptions and tree defects |
| Maintenance Recommendations | Maintenance actions required |
| Maintenance Priority | L = low (Within 5yrs) |
| | M = medium (Within 3yrs) |
| | H = high (Within 1yr) |
| | U = urgent (Within 6Months) |

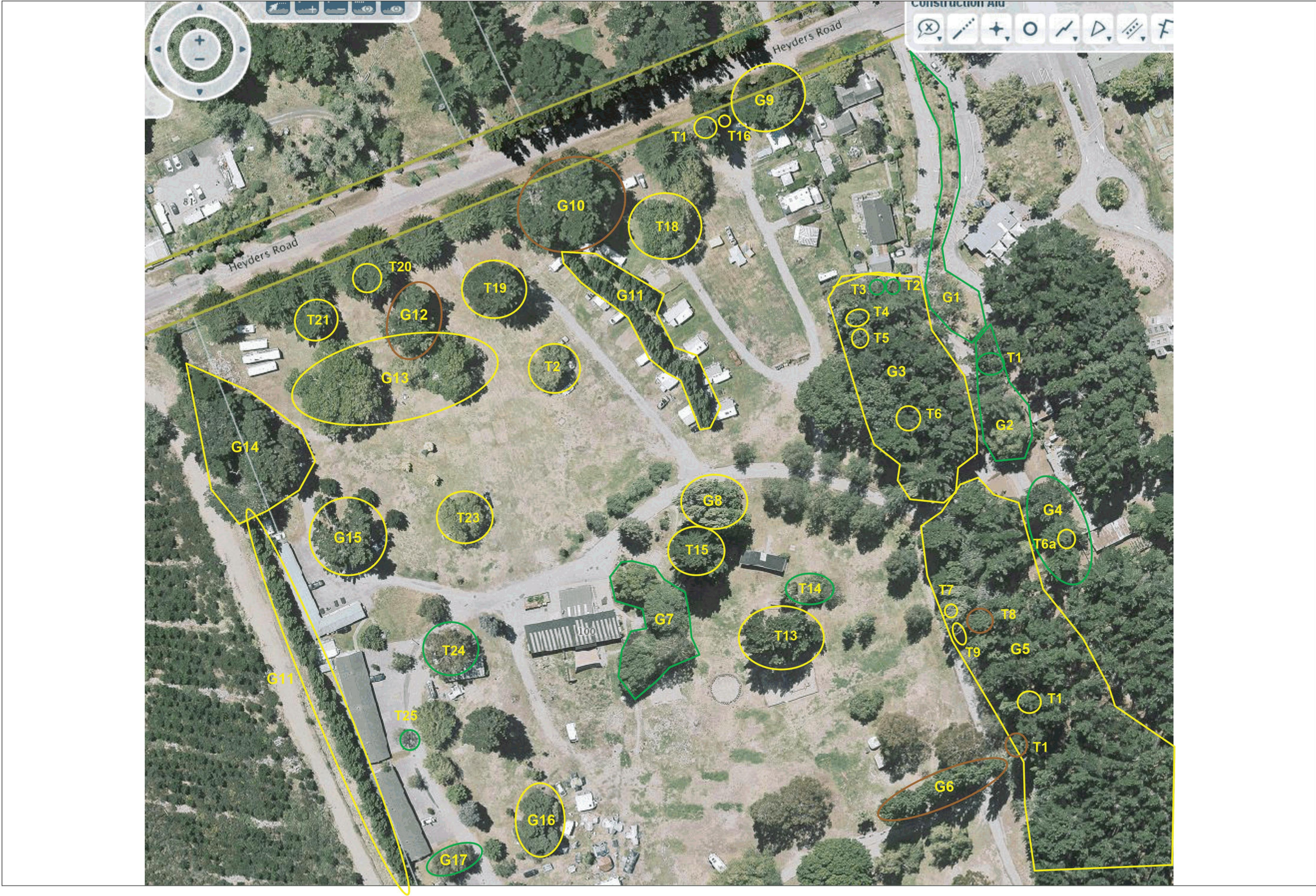
Appendix Two – Tree Survey Key

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Overview Map

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Map One

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Map Two

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Map Three

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Map Four

Spencer Beach Holiday Park – Tree Assessment



Appendix Three - Map Five

Coastal Burwood Community Board
January 2020
Significant Council Project in the Board Area
Infrastructure projects underway

Project: **Bexley Park Development**
Project Phase: Execute / Procurement

Development of Bexley Park as approved in the development plan. FY20 work is for the driveway resealing, dog park car park development, and landscaping. Resource Consent granted in December 2019 with work programmed to start in February 2020.

Project: **Brooklands Lagoon Viewing Platform Renewal**
Project Phase: Execute / Investigation and Scheme Design

Replace the existing viewing platforms (x2) at Brooklands Lagoon.
Work programmed for April to June 2020

Project: **Coastal Hard Surface Renewals Delivery Package**
Project Phase: Plan / Investigation and Scheme Design

Project is to refurbish tracks, hard surfaces and structures at Bottle Lake, Brooklands, Spencer Park, The Groynes and Horseshoe Lake. Project is currently in the Design Phase with completion planned for June 2020.

Project: **Donnell Sports Park Project**
Project Phase: Execute / Defects Liability

This project is to remediate the earthquake damage to the tennis and basketball courts and provide a new toilet. Construction was completed November 2019.

Project: **Horseshoe Lake Reserve - Stage 2 2017/18 boardwalks and track repairs**
Project Phase: Execute / Defects Liability

Replacement old earthquake damaged assets in Horseshoe Lake Reserve. This project is for the car park replacement with track upgrades connecting the car park and toilet and removal of a damaged foot bridge. Car park now completed and in maintenance period

Project: **Horseshoe Lake Reserve footbridge repairs**
Project Phase: Execute / Defects Liability

Replacement old earthquake damaged assets in Horseshoe Lake Reserve. This project is for the car park replacement with track upgrades connecting the car park and toilet and removal of a damaged foot bridge, which is now completed.

Project: **Prestons/Clare Park Stormwater**
Project Phase: Execute / Construction

Stormwater treatment facilities and upgrade of the Snellings drain as part of the Prestons South and other associated subdivision developments

The first three areas of works are completed and operational. The final area is currently in design. A general concept is prepared and being considered by the Land Drainage maintenance team. Initial consenting is being looked into.

Project: **QEII Park - School of Gymnastics Car Park Repair**
Project Phase: Execute / Detailed Design

Reconstruction/repair of the old earthquake damaged car park to align with the new School of Gymnastics facility and adjoining playing fields.

The car park design is completed. Estimates show a shortfall in funding. The Sponsor is working on options to resolve the shortfall. Works will proceed once funding is secured.

Project: **QEII Park Master Plan – Car Park Development**
Project Phase: Initiate / (Concept) Programme Planning

A new car park as per the Master plan

Project: **QEII Park Master Plan – Fitness Station Replacement and Track Development**
Project Phase: Initiate / Detailed Design

QEII Master Plan has been approved by Council (Meeting 09/05/2019)

Implementation of the Fitness Station Replacement & Track Development as shown in the Master Plan

The Community Board will be updated as this project progresses

Project: **QEII Park Master Plan – General Delivery Package**
Project Phase: Initiate / Detailed Design

QEII Master Plan has been approved by Council

Implementation of the Master Plan items

The Community Board will be updated as this project progresses

Project: **QEII Park Master Plan – Playground Development**
Project Phase: Initiate / Investigation and Scheme Design

QEII Master Plan has been approved by Council

Implementation of the playground as shown in the Master Plan

The Community Board will be updated as this project progresses.

Project: **QEII Park Master Plan – Sports Field Repositioning and Stormwater Development**
Project Phase: Initiate / Investigation and Scheme Design

The realignment of the sports field as per the QEII master plan proposal.

Project: **Robin Playground - Play Space Renewal**
Project Phase: Plan / Investigation and Scheme Design

Project is in early stages of investigation and design with construction scheduled in financial year 2021.

Project: **South New Brighton Reserves Development**
Project Phase: Execute / Investigation and Scheme Design

A project to develop South New Brighton Reserves has been initiated. Staff have met with the Community Board and received confirmation to progress with designing the new pump track in South New Brighton Park, Bridge St (south) new picnic area and landscaping and Blighs Garden picnic area and natural play. The project has 3 years of funding available for this initial phase of development.

Project: **Spencer Beach Holiday Park Renewals Delivery Package**
Project Phase: Plan / Detailed Design

Detailed design completed along with procurement planning. Work expected to be tendered in February.

Onsite work starts on 20th April to upgrade entrance, internal roads and drainage.

Project: **Thomson Park Renewal Project**
Project Phase: Close / Defects Liability

This project is to upgrade Thomson Park by way of a new car park, landscaping and Exeloo toilet with the project completed in June 2019 and the Flying Fox has now been refurbished. The project will be completed in December 2019..

Project: **Travis Wetland Boardwalk Extension**
Project Phase: Execute / Procurement

Project is to address the current issue with the existing boardwalk and paths that are prone to flooding. Project is currently in detailed design with the construction planned for May 2020.

| Coastal-Burwood Community Board Funds 2019-20 | | Allocation 2019-20 | Board Approval |
|---|---|-----------------------|-------------------|
| 20.02.20 | Coastal-Burwood Discretionary Response Fund | | |
| | Discretionary Response Fund Budget Carry-Forward from previous financial year (all funds that are part of the carry-forward are tagged for Shape Your Place Toolkit Funding) | \$4,432.00 | N/A |
| | Establishment of the Discretionary Response Fund | \$5,000.00 | 1.07.19 |
| | Transfer of funds from the Board's 2019-20 Strengthening Communities Fund | \$56,347.00 | 19.08.19 |
| | Transfer of funds from the Board's 2019-10 Strengthening Communities Fund - Renew Brighton Community Resilience Partnership Fund | \$15,000.00 | 19.08.19 |
| | Transfer of funds from the Board's Community Resilience Support Fund | \$12,000.00 | 18.11.19 |
| | Transfer of funds from the Board's Thank You Event | \$6,000.00 | 18.11.19 |
| | Tagged funds for Shape Your Place Toolkit Funding | \$4,500.00 | N/A |
| | Coastal-Burwood Community Board - Coastal-Burwood 2019-20 Youth Development Fund | \$7,500.00 | 19.08.19 |
| | Coastal-Burwood Community Board - Coastal-Burwood Summer with Your Neighbours 2019-20 | \$2,500.00 | 19.08.19 |
| | Coastal-Burwood Community Board - Parklands @ Play 2020 | \$5,500.00 | 19.08.19 |
| | Coastal-Burwood Community Board - Community Pride Garden Awards 2020 | \$3,000.00 | 19.08.19 |
| | Coastal-Burwood Community Board - Dallington Avondale Burwood Combined Event 2020 | \$6,000.00 | 19.08.19 |
| | Coastal-Burwood Community Board - "I Love" New Brighton 2020 | \$6,000.00 | 19.08.19 |
| | Coastal-Burwood Community Board - ANZAC Day Expenses 2020 | \$500.00 | 19.08.19 |
| | Haeata Community Campus - Samoan Language Trip 2019 | \$1,500.00 | 19.08.19 |
| | Christchurch Boys High School - Polyfest 2020 | \$750.00 | 19.08.19 |
| | St Mathews L.L.O. Scout Group - 22nd New Zealand Scout Jamboree | \$400.00 | 16.09.19 |
| | Scouting NZ Burwood - 22nd New Zealand Scout Jamboree | \$600.00 | 16.09.19 |
| | Papanui High School - Cambodia Trip - Pacific Discovery Programme | \$500.00 | 16.09.19 |
| | Avon Heathcote Estuary Ihutai Trust - Bexley Reserve Enhancement | \$3,000.00 | 16.09.19 |
| | Eastern Community Sport and Recreation - Community Activator | \$6,000.00 | 16.09.19 |
| | Eastern Community Sport and Recreation - QEII Early Birds | \$5,000.00 | 16.09.19 |
| | Aranui Community Trust - Aranui Junior Touch Module | \$1,500.00 | 16.09.19 |
| | Burwood Park Tennis Club - Junior Tennis Programme | \$2,000.00 | 16.09.19 |
| | New Brighton Project - OneMusic Featured Music Licence | \$928.00 | 18.11.19 |
| | New Brighton Residents Association - Venue Hire and Newsletters | \$680.00 | 18.11.19 |
| | North Wai Boardriders - Surf and Skate Holiday Programme | \$1,000.00 | 02.12.19 |
| | Avon-Heathcote Estuary Ihutai Trust - Exploring and Estuary Field Guide | \$4,000.00 | 3.02.20 |
| | Dallington Community Gardens - Garden Beds | \$3,295.00 | 3.02.20 |
| | Discretionary Response Fund Available BALANCE | \$32,126.00 | |
| | | | |
| | Youth Development Fund | Allocation 2019-20 | Board Approval |
| | Establishment of the Youth Development Fund | \$7,500.00 | 19.08.19 |
| | Duncan Smith - Shirley Boy's High School Cultural Exchange trip to South Korea | \$500.00 | 19.08.19 |
| | Cara Mustchin - New Zealand Under 16 Girls Touch Team tour of Australia | \$500.00 | 19.08.19 |
| | Manaia Warbrick - AIMS Games Tauranga | \$250.00 | 19.08.19 |
| | Keegan Piper - AIMS Games Tauranga | \$250.00 | 19.08.19 |
| | Noah Gilpin - Rex Dawkins Boys Football Tournament | \$150.00 | 19.08.19 |
| | Phillip Smith - Shirley Boys High School First Eleven Cricket tour of Australia | \$500.00 | 19.08.19 |
| | Estella Hungerford - World Junior Surf Championships | \$500.00 | 26.08.19 |
| | Liam Pasfield - New Zealand Short Course Swimming Championships | \$250.00 | 26.08.19 |
| | Niah Williams - New Zealand National Gymnastics Championships | \$250.00 | 09.09.19 |
| | Charlotte Thompson - New Zealand National Gymnastics Championships | \$250.00 | 09.09.19 |
| | Brtiney Aldridge - World Karate Federation Under 21 World Championships | \$500.00 | 09.09.19 |
| | Youth Development Fund Available BALANCE | \$3,600.00 | |

8. Elected Members' Information Exchange

This item provides an opportunity for Board Members to update each other on recent events and/or issues of relevance and interest to the Board.

9. Resolution to Exclude the Public

Section 48, Local Government Official Information and Meetings Act 1987.

I move that the public be excluded from the following parts of the proceedings of this meeting, namely items listed overleaf.

Reason for passing this resolution: good reason to withhold exists under section 7.

Specific grounds under section 48(1) for the passing of this resolution: Section 48(1)(a)

Note

Section 48(4) of the Local Government Official Information and Meetings Act 1987 provides as follows:

“(4) Every resolution to exclude the public shall be put at a time when the meeting is open to the public, and the text of that resolution (or copies thereof):

- (a) Shall be available to any member of the public who is present; and
- (b) Shall form part of the minutes of the local authority.”

This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public are as follows:

| ITEM NO. | GENERAL SUBJECT OF EACH MATTER TO BE CONSIDERED | SECTION | SUBCLAUSE AND REASON UNDER THE ACT | PLAIN ENGLISH REASON | WHEN REPORTS CAN BE RELEASED |
|----------|--|---------|------------------------------------|---|------------------------------|
| 10 | PUBLIC EXCLUDED COASTAL-BURWOOD COMMUNITY BOARD MINUTES - 17 FEBRUARY 2020 | | | REFER TO THE PREVIOUS PUBLIC EXCLUDED REASON IN THE AGENDAS FOR THESE MEETINGS. | |