



KINGBOROUGH OPEN SPACE STRATEGY



March, 2019

Contents

List of Figures	6
List of Tables	6
Executive Summary	7
Introduction	7
What is included?.....	7
Current situation	8
Future challenges	8
Kingborough's population	8
Open space benchmarks.....	8
Contribution policy	8
Strategy directions	8
More open space for a growing population	10
Better parks, sport and recreation facilities	10
Improve the provision and diversity of sport and recreation facilities.....	10
Access to recreation will be inclusive and accessible for all	10
Linking the network	10
Involving the community	11
Recreation will be environmentally sustainable.....	11
Looking after existing parks, sport and recreation facilities	11
Review of the study	11
Part 1 – Kingborough Open Space Strategy 2019	12
1 Introduction.....	12
1.1 Study scope.....	12
1.2 Study methodology.....	12
1.3 Definitions	12
1.4 Document structure	13
1.5 Why are public open space, sport and recreation facilities important?	13
2 The Existing Open Space & Recreation Facility Network	14
2.1 Introduction	14
2.2 Open Space Classifications	14
3 Strategic Framework.....	15

4 Key Issues and Drivers Influencing the Future Planning of Open Space and Recreation Facilities.....	15
4.1 Population and density	15
4.1.1 More residents	15
4.1.2 Demographics.....	16
4.2 Recreation trends.....	16
4.3 Open space provision.....	16
4.3.1 Benchmarks	16
4.3.2 Provision	16
4.3.3 Open space size	16
4.3.4 Open space distribution gaps	17
4.3.5 Barriers	17
4.3.6 Linkages	17
4.3.7 Open space access.....	17
4.3.8 Open space quality	17
4.4 Maintenance and park management	17
4.4.1 Asset management.....	17
5 The Strategy	18
5.1 Vision	18
5.2 Guiding principles	18
OBJECTIVE 1: To establish an integrated and consistent open space policy and planning framework the strategy will:	18
OBJECTIVE 2: To have the capacity to manage an open space system that contributes to environmental sustainability, the strategy will:.....	18
OBJECTIVE 3: To support an open space system that contributes to social inclusion, community connectivity and community health and well-being, public open space provision is to be:.....	18
5.3 Strategy directions	19
5.4 Strategy action plan	19
Part 2 – Open Space Delivery Plan	24
1 Introduction.....	24
2 Setting Open Space Provision Benchmarks	24
2.1 Introduction	24
2.2 Open space planning guidelines	24
2.2.1 Healthy by Design: A guide to planning and designing environments for active living in Tasmania	24
2.3 A comprehensive approach to open space provision assessment	25

Kingborough Open Space Study & Strategy 2019

2.4	Benchmark standards and features.....	25
3	Increasing Open Space Provision	27
3.1	The approach to increasing open space network provision	27
3.2	Increasing open space provision through dedications	27
3.3	Open space acquisition	27
3.4	Kingborough Public Open Space Contribution Policy.....	28
4	Making More of What We Have	28
4.1	Improvement and embellishment.....	29
4.2	Enhanced pedestrian and cycling connections	29
4.3	Rethinking existing open space	30
4.4	Shared use	31
4.5	Other opportunities	32
4.5.1	Considering the street as public recreation space	32
5	Conclusion	33
Part 3 – Research and Analysis.....		34
1	Open Space Network Classifications.....	34
1.1	Open space definition	34
1.2	Open space hierarchy.....	34
1.2.1	Catchment classification examples	37
1.3	Open space setting and function.....	39
2	Key Drivers for the Future Planning of Open Space and Recreation Facilities.....	42
2.1	Population	42
2.2	Demographics	43
2.3	Population distribution	43
2.4	Open space and recreation needs trends	45
2.4.1	Population growth and aging population.....	45
2.4.2	Changing work hours and employment structures	45
2.4.3	Greater focus on equity and access	45
2.4.4	Broader participation in sport and recreation	45
3	Open Space Network Needs Assessment.....	47
3.1	Open space provision assessment.....	47
3.1.1	Public open space within Kingborough	47

Kingborough Open Space Study & Strategy 2019

3.1.2	Open space included in assessment.....	47
3.1.3	Open space provision and distribution	47
3.1.4	Open space diversity and distribution.....	48
3.1.5	Open space size	50
3.1.6	Open space accessibility and barriers	51
3.1.7	Open space quality	52
3.1.8	Open space environmental	52
3.1.9	Open space qualitative assessment	53
4	Relevant Council Strategies	56
4.1	Kingborough Public Toilet Strategy 2016.....	56
4.2	Kingborough Sport and Recreation Facilities Strategy 2013	56
4.3	Kingborough Tracks and Trails Strategy 2017 -2022	57
4.4	Draft Kingborough Play Space and Playground Strategy 2017	57
4.5	Kingborough Council Dog Management Policy	57
	Part 4 – Appendices.....	58
	Appendix 1. Kingborough Open Space Inventory List	58
	Appendix 2. Features of Open Space to Deliver	86
2.1	Environmental values.....	86
2.2	Site qualities	86
2.3	Site assets	92
	Appendix 3. Open space maps – catchment type	96
	Appendix 4. Open space maps – setting and function type.....	97

List of Figures

Figure 1: Future urban growth area with established schools	31
Figure 2: Example of open space by catchment type	38
Figure 3: Example of open space by function type	41
Figure 4: Population distribution across towns/suburbs in Kingborough	44
Figure 5: Open space settings (%) in Kingborough.....	49
Figure 6: Open space settings (number) in Kingborough	49
Figure 7: Open space catchment types (%) in Kingborough	50

List of Tables

Table 1: Kingborough Open Space Strategy action plan	20
Table 2: Benchmark standards	26
Table 3: Open space catchment hierarchy.....	35
Table 4: Open space settings and function types	39
Table 5: Population in Kingborough 2006-2016 (Census).....	42
Table 6: Kingborough population by age cohort 2006-2016	43
Table 7: Population by town/suburb 2016 (ABS Census)	44
Table 8: Open space setting type	48
Table 9: Open space catchment type.....	50

This document was prepared by Council staff with significant input from Consultant Recreational Planner, Daniel Willsmore.

Kingborough Open Space Study & Strategy 2019

Executive Summary

Executive Summary

Introduction

The Kingborough Open Space Study & Strategy 2019 (the Study) provides a series of directions and recommendations for the future planning, provision, development and management of public open space and recreation facilities located within the Kingborough municipal area.

Various state and local policies and strategies have been key in informing Kingborough's open space and recreation needs and priorities.

Kingborough has undergone considerable growth in the last 10-15 years. This study provides an opportunity to assess the current situation and inform decision making about future open space provision, development and maintenance.

What is included?

Public space, sport and recreation facilities have been included in the Study for which Kingborough Council has either ownership or care, control and management responsibility.

However, located within and adjacent Kingborough are public open space, sport and recreation facility assets managed by other authorities that need to be taken into account in determining overall provision, community access and amenity.

Components of the Study

Part 1 – Kingborough Open Space Strategy 2019

Part 2 – Open Space Delivery Plan

Part 3 – Research and Analysis

Part 4 – Appendices



Kingborough Open Space Study & Strategy 2019

Executive Summary

Current situation

Kingborough owns or manages approximately 6,270ha of public open space. This does not include the public open space which is managed by other authorities.

Open space under Council's ownership or management represents 8.74% of Kingborough's total land area.

Future challenges

Kingborough's population

The projected population growth to 41,000 residents by 2022 will place increasing pressure on existing open space resources and facilities to meet demand.

Open space provision, connectivity, quality and amenity will be critical to support increased population growth by fostering community well-being, physical activity and social interaction.

More open space and recreation facilities will be required for people to recreate and socialise. This is achievable through planned dedications and an open space acquisition strategy, which will allow Council to meet a growing demand.

The challenge is how to increase open space provision with finite resources that has many competing demands.

Open space benchmarks

This Study has referenced the Tasmanian Open Space Policy and Planning Framework and Healthy by Design: A guide to planning and designing environments for active living in Tasmania. In addition, various Australian Government planning documents have also been reviewed.

Benchmark standards articulated in the various documents suggest a 9-15% share of non-industrialised land for local-district open space, including sport use, is appropriate.

The current open space provision of 6,270ha of public open space represents 8.74% of Kingborough's total land area. Additional research needs to be undertaken to account for open space provision by other agencies.

Contribution policy

The Kingborough Public Open Space Contribution Policy sets out the broad process of what should be considered in assessing planning applications (in relation to open space provision).

Council should aim to review the Kingborough Public Open Space Contribution Policy to ensure open space targets are set which are realistic and land is acquired to achieve the targets. The review could then inform a future Open Space Acquisition Plan. Additionally, a review could allow Council to create a formal process in making decisions regarding the contribution of land or financial contribution. A formal decision making process would ensure the assessment of planning applications identifies a need for a land contribution or whether a financial contribution is preferred to achieve the completion of the broader open space network.

Strategy directions

From issues raised and research conducted, the Kingborough Open Space Strategy 2019 has developed the following strategic directions:

Kingborough Open Space Study & Strategy 2019

Executive Summary

1. more open space for a growing population;
2. better parks, sport and recreation facilities;
3. improve the provision and diversity of sport recreation facilities;
4. access to recreation will be inclusive and accessible for all;
5. linking the network;
6. involving the community;
7. recreation will be environmentally sustainable; and
8. looking after existing parks, sport and recreation facilities.



Kingborough Open Space Study & Strategy 2019

Executive Summary

More open space for a growing population

Open space acquisition is to address community demands and needs.

Key outcomes include:

- land acquisition criteria to ensure that land acquired or dedicated for open space meets identified priorities and will be suitable for intended uses;
- priority given to acquisition of open space large enough to accommodate field sports;
- targeted acquisition to address shortfalls in local open space provision across Kingborough's suburbs; and
- targeted acquisition to address missing links in Kingborough's tracks and trails network.

Better parks, sport and recreation facilities

Council is to improve the quality and capacity of open space, sport and recreation facilities.

Key outcomes include:

- capacity improvements to sports fields; and
- support facilities such as signage, park furniture and accessible toilets.

Improve the provision and diversity of sport and recreation facilities

Improved provision will provide an appropriate range and distribution of recreation and sporting opportunities, which is critical to address identified needs and demand.

Key outcomes include:

- flexibility and multi-purpose use need to be a key principle when planning sport and recreation facilities;
- develop partnerships with school and other agencies to increase public access to sport field facilities;
- increase diversity of recreation facilities, such as outdoor gyms, walking paths, chess boards and amenity to support companion animal exercise.

Access to recreation will be inclusive and accessible for all

Council is to provide barrier free opportunities for all of the community to use and enjoy Kingborough's parks, sport and recreation facilities. This embraces the principle that inclusion and accessibility is a priority in decision making.

Key outcomes include:

- the development of a public domain access policy.

Linking the network

Achieving a linked open space, sport and recreation facility network is key, and will alleviate some open space deficits by proving better connections and crossing points to other catchment areas.

Key outcomes include:

- implementation of Kingborough's Tracks and Trails Strategy 2017-2022.

Kingborough Open Space Study & Strategy 2019

Executive Summary

Involving the community

Council is to facilitate and encourage participation in open space, sport and recreation facility development and use.

Key outcomes include:

- ongoing support for volunteer programs;
- increased community involvement in the management of parks;
- use of parks and open spaces for community run events; and
- enhanced interpretation of parks and open space.

Recreation will be environmentally sustainable

Council is to consider its environment performance in relation to open space maintenance and management.

Water is the main resource used maintaining many of the open spaces in Kingborough. Use of potable water should be reduced and alternative solutions identified and utilised.

Key outcomes include:

- promotion of environmental education;
- continue the increase in biodiversity corridors through parks and open spaces;
- creation of sustainable water management projects; and
- research into energy use reduction through LED lighting programs.

Looking after existing parks, sport and recreation facilities

Efficient and effective planning, management and maintenance of Council's resources is key to maintain quality and amenity into the future.

Key outcomes include:

- continuous improvement in asset management, maintenance service levels, tree management and ongoing commitment to quality benchmarking programs and user surveys.

Review of the study

Council will review the Study as required.

It is recommended that the Study review be coordinated with any major reviews of Council's strategies and policies which directly affect the implementation of the strategy. This will ensure population projections, community demand, capital work priorities and recreation trends are accurately reflected in all documents.

Part 1 – Kingborough Open Space Strategy 2019

1 Introduction

The Kingborough Open Space Study (the Study) provides a series of objectives, directions and recommendations for the future planning, provision, development and management of public open space and recreation facilities located within the Kingborough municipal area.

1.1 Study scope

Public space, sport and recreation facilities have been included in the Study for which Kingborough Council has either ownership or care, control and management responsibility.

However, located within and adjacent to Kingborough are public open space, sport and recreation facility assets managed by other authorities that need to be taken into account in determining overall provision, community access and amenity.

1.2 Study methodology

To inform the development of recommendations and future directions the Study:

- assessed current open space and recreation trends;
- reviewed current Kingborough Council plans and strategies to assess strategic context and implications for open space and recreation provision;
- consulted Kingborough Council staff; and
- reviewed current provision, distribution, diversity of open space and recreation facilities.

The assessments then identify:

- directions for a strategic approach to open space acquisition and recreation facility provision based on identified recreation need and geographic demand;
- opportunities for improving linkages and accessibility between open space areas and recreation facilities;
- improvements for existing parks and reserves in order to improve their usability and to better meet the needs of Kingborough's population; and
- opportunities to reassess Council's current open space holdings.

The study then developed recommendation to meet the overall directions of the strategy.

1.3 Definitions

The following definitions are used in this study:

- public open space: land in public ownership or public management that provides recreation and amenity benefits;
- recreation facilities – infrastructure ranging from aquatic centres, playgrounds, sports fields and indoor and outdoor courts that enable people to partake in a recreation or sporting activity;

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

- sport – the Australian Sports Commission define a sport for their purposes as: a human activity capable of achieving a result requiring physical exertion and/or physical skill which by its nature and organisation is competitive and generally accepted as being a sport; and
- Open Space Network – parks and public spaces managed and controlled by Kingborough Council.

1.4 Document structure

The Kingborough Open Space Study & Strategy 2019 contains four parts:

Part 1

The Strategy

- Background
- Strategic framework
- The Strategy

Part 2

Open Space Delivery Plan

- Benchmarks
- Provision planning

Part 3

Research and Analysis

- Classifications
- Drivers
- Assessment
- Relevant Council documents

Part 4

Appendices

1.5 Why are public open space, sport and recreation facilities important?

The Study identifies that the functions and benefits of public open space are many and varied. Benefits include:

- enhanced scenic quality and feeling of space;
- visual amenity;
- opportunities to connect and engage with community and local environment;
- environmental management;
- provision of utility and environmental services;
- the encouragement of healthy lifestyles;
- child development through quality age appropriate play opportunities;
- the provision of informal and formal sport opportunities within communities;
- alternative and active transport (connected and planned off road walking and cycling routes);

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

- local, regional and state economies benefit significantly from various types of open spaces; and
- parks and active open spaces are a major draw card for recreation and tourism industries and significant sources of employment for local communities and flow on economic benefits.

2 The Existing Open Space & Recreation Facility Network

2.1 Introduction

The Kingborough municipal area covers an area of 717 square kilometres (or 71,700 hectares) with a population of approximately 35,000 people. Kingborough Council owns or manages approximately 6,270ha of public open space, not including open space which is managed by other authorities. This represents 8.74% of the municipalities total land area.

Public open space used by the residents of Kingborough are owned, managed and controlled by three broad categories of landholders and managers:

- owned or under care control and management of Kingborough Council;
- managed by other authorities, agencies, trusts or institutions; or
- located in adjoining local government areas that is accessed by Kingborough residents.

2.2 Open Space Classifications

Open space hierarchy classifications have been assigned to reflect the level of facilities / amenities, and population catchment. Broad landscape setting and function type classifications have also been applied to describe the visual character or “look” of the various open space to be found across Kingborough. These open space network classifications are detailed further in Part 3, Section 1 of the Study, as well [Tasmanian Open Space Policy and Planning Framework: Attachments](#).

Summary of the open space network (2019)

- 6,270ha Council managed;
- 8.74% of Kingborough land area; and
- 706 Kingborough managed public open spaces in a variety of landscape settings.



3 Strategic Framework

The Study sits within a broader policy framework that includes open space policies, adopted by State Government as well as documents adopted by Kingborough Council that influence the way in which open space is planned, managed and maintained.



4 Key Issues and Drivers Influencing the Future Planning of Open Space and Recreation Facilities

A number of key issues and themes emerged from the assessment of the current provision of open space and recreation facilities within the Kingborough municipal area (refer Part 3 – Research & Analysis) which informed and provide the basis for the strategy development process.

This section provides a high-level summary of the critical issues, findings and needs for open space and recreation facilities in Kingborough.

4.1 Population and density

4.1.1 More residents

Kingborough's increasing resident population and density will result in more use and capacity pressures on all levels of the open space network, particularly the larger parks that offer opportunities for active sport.

The majority of population growth will be accommodated in identified future urban growth areas. This trend will continue over the next 10-15 years.

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

The planning of future urban growth areas will provide opportunities to increase the open space and recreation facility network provision and provide linkages to the established open space network.

4.1.2 Demographics

Key demographic trends evident within Kingborough that will influence open space and recreation facility provision are:

- growing older population;
- families with young children; and
- young adults.

The open space network needs to be flexible and provide a diverse offer of recreational, social, cultural and creative activities and facilities to cater for various age, cultural and income groups.

4.2 Recreation trends

Popularity and continuing growth of individual fitness, lifestyle sports such as skating and activities particularly walking and aerobics. With walking being consistently popular across a broad spectrum of user groups, this highlights the importance of park paths as well as streets as a venue for recreational walking as well as a safe link to parks.

Recreational cycling is also increasing, placing the need for safe cycle routes for all ages.

4.3 Open space provision

4.3.1 Benchmarks

This Study has referenced the Tasmanian Open Space Policy and Planning Framework and Healthy by Design: A guide to planning and designing environments for active living in Tasmania.

As stated in both of these documents, additional criteria beyond open space area provision such as population/density and demographic profile, open space distribution, barriers, size, connectivity, and quality of visitor experience also need to be considered to ensure local open space provision and recreation needs are identified.

4.3.2 Provision

When Kingborough's projected population for the coming years is compared with the level of current provision, the ratios of population to open space will decrease.

More open space is required through planned dedications and an open space acquisition strategy in order to meet the growing demand.

The limited financial and staffing resources available means that all open spaces have to be flexible and multi-purpose to cater for a wide range of needs.

4.3.3 Open space size

The size of open spaces in Kingborough vary greatly.

There is an undersupply of larger open space in some areas, which will result in heavy use pressures.

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

Acquisition of larger sites to facilitate more diverse recreation activities is required including active sport.

4.3.4 Open space distribution gaps

Generally across Kingborough residents have good access to a local / neighbourhood park. However, further analysis needs to be undertaken to quantify the open space distribution gaps within individual suburbs.

Gaps in local park provision will require acquisition or improved access.

4.3.5 Barriers

Major barriers identified include, difficult terrain, land ownership restrictions and busy Department of State Growth roads.

4.3.6 Linkages

Key to creating open space linkages is Kingborough's current and future tracks and trails network. Identified projects will make walking and cycling a viable option to access the open space network, as well as be part of a greater recreation / fitness network.

4.3.7 Open space access

At the individual park level, park layout, design and maintenance practices determine the accessibility and enjoyment of the park by all people. Facilities and amenities should not only be accessible but should support inclusive social participation.

4.3.8 Open space quality

Council has undertaken some capital works programs across its open space network that has resulted in improvements and increase in the recreational capacity and quality of the parks to better meet the growing and changing community demand.

Qualitative improvements will continue to be central considerations with increases in capacity able to be achieved through efficiencies in better planning, design and management of the existing network.

4.4 Maintenance and park management

Effective park maintenance and management is essential to maximise the recreational, environmental, and social benefits of the network as well as to ensure a project performs to the design intention.

Higher use and provision of parks is bringing maintenance and programming challenges.

4.4.1 Asset management

Forward planning and budgeting is required to ensure the open space network is maintained to achieve expected service levels, and that forward planning includes opportunities for renewal to respond to identified recreation trends.

5 The Strategy

5.1 Vision

Kingborough Council's open space vision is:

"to meet the current and future needs of residents, visitors and tourists and the environment by providing and protecting and enhancing well planned spaces for increased physical and social activity, enjoyment and environmental protection".

5.2 Guiding principles

OBJECTIVE 1: To establish an integrated and consistent open space policy and planning framework the strategy will:

- rely on evidence to inform decisions;
- provide definition, hierarchy and direction for integration of relevant strategy documents; and
- assist with the holistic management and planning of residential growth.

OBJECTIVE 2: To have the capacity to manage an open space system that contributes to environmental sustainability, the strategy will:

- protect and enhance the values of the natural environment through strategic and coordinated natural resource management;
- contribute directly and indirectly to climate change mitigation and adaptation;
- facilitate active transport (i.e. non-motorised), minimise emissions, and lower the community's carbon footprint; and
- support in a cooperative way, various land managers and the community working in partnership to achieve environmentally sustainable outcomes

OBJECTIVE 3: To support an open space system that contributes to social inclusion, community connectivity and community health and well-being, public open space provision is to be:

- based on demonstrated need and achieved in collaboration with the community;
- equitable, and responsive to issues such as mobility impairment or disability, social isolation, economic and environmental disadvantage;
- consistent with an efficient approval and regulatory system that provides for sustainable development and certainty for both developers and the community.
- supportive of community health and well-being, including physical activity through good design, linkages and connections and quality facilities;
- of a high quality, with due consideration given to public amenity, heritage, landscape, easy access, sustainable design and fostering a sense of community pride and belonging;
- based on initiatives that improve safety and enjoyment experienced by all ages – using the principles of Crime Prevention through Environmental Design (CPTED); and

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

- supportive of increased participation in physical activities, through the planning, and delivery and advocacy of appropriate recreation and sporting services and facilities.

5.3 Strategy directions

From the guiding objectives, issues raised and research conducted (refer Part 3), the Kingborough Open Space Strategy 2019 has developed the following strategic directions:

1. more open space for a growing population;
2. better parks, sport and recreation facilities;
3. improve the provision and diversity of sport recreation facilities;
4. access to recreation will be inclusive and accessible for all;
5. linking the network;
6. involving the community;
7. recreation will be environmentally sustainable; and
8. looking after existing parks, sport and recreation facilities.

5.4 Strategy action plan

Under the eight strategic directions, a number of recommendations and actions have been provided which collectively contribute to the successful implementation of outcomes.

All actions have been allocated the following characteristics to assist with implementation:

- a priority for implementation, where:
 - o high: 1-5 years
 - o medium: 6-10 years
 - o low: 11-15 years; and
- reference to the above strategic directions.

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

Table 1: Kingborough Open Space Strategy action plan

No.	Action	Priority	Direction(s)
General			
1	Ensure the assessment of planning applications identifies a need for a land contribution in a certain location or whether a financial contribution is preferred. To achieve quality outcomes, internal consultations with staff from relevant Council departments should be undertaken. Assessments should utilise the characteristics identified in Part 4, Appendix 2. This will ensure land contributions are not taken if the intended use for the future of the land is not known or the land is not fit for purpose for the intended use of the land.	High	1, 2, 5
2	Prepare an open space acquisition plan to guide future open space acquisitions and dedications.		1, 2, 3, 5
3	Hold all open space funds collected through the development contributions process in one single account to be utilised by any priority open space project that aims to meet gaps in open space provision.	High	1, 5
4	Continue to utilise the Tracks and Trails Strategy 2017-22 to inform open space contributions through development as well as Capital works and future trail developments utilising the priority system.	High	5
5	Continue to utilise and update the Draft Kingborough Play Space and Playground Strategy 2017. Ensure that it is used in conjunction with this strategy to inform public open space contributions through development as well as capital works and future improvements or developments.	High	2, 6, 8
6	Consider the potential location for a new sports ground to provide a second turf cricket wicket.	High	2
7	Review change room/toilet provision to cater for the demands associated with increased female participation in sport.	High	3, 4
8	Ensure land contributions are not taken if the intended use for the future of the land is not known or the land is not fit for purpose for the intended use of the land.	High	2
9	Monitor the need for additional off-lead dog exercise areas and work with stakeholder groups to improve existing areas.	High	4, 6
10	Identify gaps and barriers in distribution for local and district level parks utilising the pedestrian network.	High	4, 5
11	Prepare a public domain access policy that provides guidance on the design, maintenance and management of parks and other recreation facilities to ensure access and inclusion are key considerations.	High	2, 4
12	Undertake further research regarding required biodiversity corridors and potential habitat linkages across Kingborough.	High	7
13	Develop trail circuits where possible within large reserves either for sport, parkland or conservation, with formalised and signposted perimeter trails developed to encourage local walking opportunities.	Medium	1, 5
14	Encourage all new trails to be shared use.	Medium	4, 8
15	In smaller townships where larger connected trail networks are not in existence or not yet connected, trail projects should be considered and supported that promote social interactions, quality experiences and active transport opportunities.	Medium	4, 5, 6
16	Ensure that larger sites such as District, Sub-Regional and Regional play spaces and parks include activities, facilities and experiences for older residents, children of all ages and the ability to cater for large groups, including birthday parties, cultural groups and family gatherings.	Medium	4, 8

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

No.	Action	Priority	Direction(s)
17	Review the Kingborough Sport and Recreation Facilities Strategy.	Medium	1, 2, 3, 4, 7, 8
18	Review the cost and potential to rebuild existing sports grounds to meet the demand of winter sports.	Medium	2, 3, 7, 8
19	Prepare management plans for large parcels of land, including sporting reserves, conservation parcels and trail networks to identify issues relating to their ongoing management, maintenance and future development.	Medium	2, 7, 8
20	Continue to be proactive in the planning of safe boat launching areas.	Medium	1, 4, 6
21	Investigate potential locations to implement the State Government's 'Community Use of School Sporting Facilities' guidelines.	Low	1, 6
Taroona and Bonnet Hill			
22	Provide a high quality play space at Taroona Park to meet the District standard level of service.	High	1, 6
23	Identify opportunities to provide formal access for a connected Taroona foreshore track through the acquisition of land or through licence agreements.	Medium	5
24	Consider the long term need of 19 Jenkins Street.	Medium	8
25	Plan for the complete rebuild of the sports ground surface at Kelvedon Oval to include new drainage, irrigation and improved soil profile as well as the replacement of clubroom/change rooms facilities.	Medium	2, 3, 8
26	Consider the potential of subdividing Sedgebrook Reserve to include the important public open space elements as well as residential land.	Medium	8
27	Continue to encourage tennis clubs like Taroona to provide court access for community members who do not wish to become members.	Low	1, 4
28	Consider the construction of a small public toilet facility within Sedgebrook Reserve as well as a neighbourhood/local play space.	Low	2
Kingston, Kingston Beach and Huntingfield			
29	Improve the quality of the play experience at Campbell St Reserve in providing a local play space. Investigate current age cohort living in the area.	High	2
30	Provide a local play space within the Whitewater Creek corridor (in the vicinity of Whitewater Crescent to meet gaps in supply and improve the experience of trail users.	High	1, 6
31	Regularly maintain and upgrade the trails and features at the Kingborough Mountain Bike Park to ensure its long term viability and usability.	High	5, 8
32	Provide a neighbourhood park or two small local play spaces within the new subdivisions south east of the Kingborough Sports Centre precinct to meet gaps in provision and encourage social interaction and engagement.	High	1
33	Redevelop the play space at Mayfield Park to include play equipment for all ages and abilities, provides seating and features that make use of the slopes.	High	2, 8
34	Refurbish the local play space park at Willowbend Rd to improve the play and recreational experience for local residents.	Medium	2, 8
35	Provide a suitable play space at the Kingborough Sports Centre precinct to cater for local and visitor user groups at the precinct.	Medium	1, 6
36	Plan for an additional sports field with a turf wicket within the sports centre precinct and consider rebuilding other sports grounds such as Gormley Park with new sub-base, drainage and soil profiles to provide long term sustainability and all weather access.	Medium	1

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

No.	Action	Priority	Direction(s)
37	Prepare a master plan for the Hawthorn Drive parkland (between Hawthorn Drive and Redwood Road) to cater for increased demand.	Medium	1, 2, 6
38	Develop a local play space/park with formal trail connection to Hiern Road at either 22 Opal Drive or 41 Hiern Road to meet an identified gap in this area.	Medium	1, 5, 6
39	Provide a local play space with formal trail connection and seating within Melalueca Park (off Kiama Place).	Medium	1, 5, 6
40	Review the Balmoral Rd Play space park to a high quality local level park (once the Kingston Park development has been completed)	Medium	6, 8
41	Acquire open space in the vicinity of Glory Place and Guardian Court to provide recreational opportunities for the community.	Medium	1
42	Plan and construct a small public toilet facility at the trail hub of the Kingborough Mountain Bike Park to service the users of the park as well as the dog walkers at the adjacent park.	Low	2
43	Investigate a trail linkage from Balmoral Rd (north) across the wetlands.	Low	5
Blackmans Bay, Tinderbox			
44	Investigate the rationale for the sale of the parcel of land at Carinya Street for residential development while maintaining the trail linkage/footway between Carinya St and Roslyn Ave.	High	5, 8
45	Provide a local level play space and other park facilities at the vacant land at Suncoast Drive to meet gaps in this area.	High	1, 6
46	Progress the implementation of the Tinderbox Masterplan and improve access and facilities at the public toilets for the Tinderbox foreshore reserve site when funds become available.	High	1, 2, 8
47	Continue to work in partnership with the local community in relation to the improvement and upgrading of facilities (including the public toilets) and play elements at Blackmans Bay Beach.	Medium	2, 4, 6
48	Investigate land suitable for a park/play space in the vicinity of Garnett Street and Gourlay Street or consider design solutions that could provide a local park on vacant land at Yallaroo Drive to meet community needs.	Medium	1, 6
49	Upgrade the local playground at Alamo Close to improve the quality and variety of play experiences for children and provide a formed pathway connecting through the park to the pedestrian crossing at Brightwater road adjacent to the Sherburd Park carpark entrance.	Medium	2, 4, 6, 8
50	Identify a suitable park parcel of land in the Brightwater Road area of Howden to provide the residents a local play, recreational and social space close to their homes.	Medium	1, 6
51	Investigate the creation of a residential block at 103 Hillside Drive Blackmans Bay, whilst maintaining a trail linkage to the Boronia Hills Reserve.	Medium	5, 8
Margate			
52	Pursue funding opportunities to implement the Dru Point Master Plan to enable it to become one of the region's better Regional Parks, catering for all abilities and diverse community needs.	High	2, 4, 7
53	Ensure that future residential developments provide adequate public open space provision suitable to an urban environment.	High	1, 6, 7
Leslie Vale, Allen's Rivulet, Sandfly, Longley			
54	Relocate and upgrade the play space at the old Leslie Vale Oval.	Low	2, 8

Kingborough Open Space Study & Strategy 2019

Part 1 – Kingborough Open Space Strategy 2019

No.	Action	Priority	Direction(s)
55	Review the current maintenance levels applied to the Leslie Vale Oval to reflect the informal recreational use of this area.	Low	8
56	Consider the future need for the old quarry at Mudges Road.	Low	8
57	Identify a location for a future small local level play space within the Sandfly Oval Reserve.	Low	1
58	Upgrade the Sandfly Oval tennis court.	Low	2, 8
Snug, Electrona and Coningham			
59	Develop a local park/play space on the land directly opposite Dickson Street, Electrona to meet community needs.	High	1, 6
60	Implement the Snug Oval Playground as a family park development.	High	2, 3, 4, 6
Kettering			
61	Investigate the separation of the trail section at 40 Saddle Road and sale of the balance of the land to provide funds for future public open space upgrades.	High	5, 8
62	Continue to maintain all facilities in the Kettering Oval precinct to a high standard.	Medium	8
Woodbridge, Middleton and Gordon			
63	Review the foreshore playground to improve play experience at in Middleton.	High	2, 4, 6
64	Consider planting the southern sections of Silverwater Park in native vegetation to reduce the need to mow large sections of the park. Maintain a link connecting the southern part of the park (school) with the northern section.	Medium	5, 7, 8
65	Review Council ownership of land at the northern end of Esplanade Rd, Middleton.	Medium	8
66	Review the need for the old quarry site on Llantwit Road.	Low	8
Bruny Island			
67	Provide a new local play space on the foreshore at Dennes Point adjacent to the public toilets and the bbq shelter.	High	1, 6
68	Investigate the potential sale of 53 Nebraska Road Dennes Point.	High	8
69	Investigate future uses for the property south of the Hotel Bruny in Alonnah.	High	8
70	Investigate the potential sale of 25 Jannali Road Alonnah.	High	8
71	Review recreational facilities at Adventure Bay to provide a regional park for the community and visitors.	Medium	2, 4, 6, 7, 8
72	Investigate sealing of the main car parking area behind the Adventure Bay tennis court to include car space delineation, and landscaping.	Medium	7, 8
73	Upgrade access and parking and refurbishment of the tennis court at Sports Road Oval.	Low	8

Part 2 – Open Space Delivery Plan

1 Introduction

The forecast additional population and associated density in Kingborough will increase the needs and demands on the open space and recreation network at all levels, from a walk to the local park, through to large district parks that have a diversity of recreation and sporting opportunities.

More space will be required for people to recreate and socialise. The challenge is how to increase and maintain open space provision within Council's resources.

To increase the available open space area the following will be required:

- setting appropriate open space benchmarks;
- increasing open space provision through dedications and acquisitions;
- making more of the existing network; and
- other opportunities to improve open space provision.

2 Setting Open Space Provision Benchmarks

2.1 Introduction

The setting of benchmarks and standards as a means to ascertain current and future open space performance and needs have been applied by many government authorities.

2.2 Open space planning guidelines

The Tasmanian Open Space Policy and Planning Framework 2010 was produced for the Tasmanian State Government for the purpose of providing sound policy guidance for open space planning at all levels of government in Tasmania. Objectives and policy guidelines from this document have been utilised to formulate the Kingborough Open Space Strategy. This document also provides consistent definitions to guide open space planning and management at a state regional and local level across Tasmania.

2.2.1 Healthy by Design: A guide to planning and designing environments for active living in Tasmania

Developed by the Heart Foundation, Healthy by Design is a guide to planning and designing environments for active living in Tasmania. This guide suggests that local public open spaces should be located within a 400-500m maximum walking distance from dwellings. In Kingborough, this should apply in urban areas where the density of dwellings is higher. Consideration should also be made on the need for local open spaces to be closer together (more walkable) where the density of dwellings is high, such as for apartments or retirement village environments. There is also a need to take into account various barriers such as topography, main roads and waterways.

2.3 A comprehensive approach to open space provision assessment

In assessing open space provision in an area like Kingborough additional criteria needs to be considered beyond area allocation. This includes a needs based approach that considers population numbers, density, demographic profile, and recreation preferences.

A needs based assessment considers population numbers, density, demographic profile, and recreation preferences with current and future level of open space and recreation facility provision.

A needs based assessment invariably concludes that open space must be versatile and flexible in design to accommodate both present and future diverse trends and needs.

A needs based assessment approach also takes into account the following criteria:

- open space area provision;
- open space distribution;
- accessibility and connectivity;
- diversity (range of open space settings);
- quantum size and shape; and
- quality of visitor experience.

2.4 Benchmark standards and features

This study proposes both quantitative and qualitative benchmark and assessment criteria derived from various frameworks.

Any one benchmark standard cannot be used as a “one size fits all” assessment tool. With a thorough analysis of local context and identified community needs, standards can and should be varied if based on sound evidence and conclusions. Characteristics and qualities identified in Part 4, Appendix 2 should be used when assessing future public open space acquisitions.

In addition to the below, land use zoning should be considered when considering open space provision.

Kingborough Open Space Study & Strategy 2019

Part 2 – Open Space Delivery Plan

Table 2: Benchmark standards

Criteria	Catchment	Requirements	Notes
% site area	All	A default standard of 9% share of non-industrialised land for local-district open space, including sport use. 15% site area including regional open space provision.	Benchmark standards articulated in various Australian Government planning documents range from 9-15%.
Access	Regional	Unlimited	Critical to ensuring opportunities for the community to enjoy and use public open space and recreation facilities is the ease of access. Two factors that most strongly affect access to open space at a local level area distance to walk and access barriers.
	District	2-10km	
	Local – Urban	Five minute’s walk or 500m from dwellings in urban areas.	
	Local - Township	Within 2km (a longer walk) or short drive from dwellings.	
Number per defined area	Regional	One per municipality or geographic area i.e. Bruny Island, Channel, Kingston or Tarooma.	
	Sub-regional	One per municipality.	
	District	One per geographically defined district or suburb (or within 2km in urban areas).	
	Local – Urban	Unlimited – one accessible as above under ‘Access’.	
	Local - Township	Minimum one per small rural locality or small township or serving a small rural locality or small township or outlying suburban community.	
Size	Regional	Unlimited (minimum 1ha)	The size of open space has a direct bearing on the capacity of a park to meet a range of recreation activities and needs. In urban situations parks less than 0.3ha have limited opportunity for kick-about uses without affecting neighbourhood amenity.
	District	1 – 5ha	
	Local – Urban	0.3 – 1ha	
	Local - Township	Depending on the intended use of the park, the minimum size should be no smaller than .5ha but should be at least 1ha	

Criteria	Catchment	Requirements	Notes
Linkages	All	Every resident within a 3min walk (250m) of continuous tracks and trails network, which link Kingborough's open spaces.	Good connections and linkages create a wider catchment, particularly if safe cycleways are provided.

3 Increasing Open Space Provision

3.1 The approach to increasing open space network provision

To increase the open space available for public use, the following approaches are required:

- increasing open space provision through planning control dedications;
- contributions plan to fund a Kingborough Open Space Acquisition Plan;
- acquisition through other Kingborough financial sources;
- negotiations with State Government agencies to purchase land for nominal considerations or gain long term leases;
- partnership agreements with third parties to provide community access to open space and recreation facilities not currently available for public use;
- making more of the existing network;
- sub-regional planning; and
- other opportunities to improve open space provision.

3.2 Increasing open space provision through dedications

In considering any land subdivision proposal, a developer/land owner may dedicate land to Kingborough Council in lieu of a cash contribution, as per Kingborough's Public Open Space Contribution Policy. All proposed dedications need to be assessed through the acquisition criteria to ensure that it will provide a meaningful and quality addition to the open space network.

The Local Government (Buildings and Miscellaneous Provisions Act 1993) provides a basis for the execution of Council's powers and obligations in respect to public open space. The basic requirement for subdivision is a 5% of public open space or an equivalent monetary contribution paid to Council.

Further information on the Public Open Space Contribution Policy is below at Section 3.4.

3.3 Open space acquisition

Beyond land dedications, additional open space delivered through a Kingborough acquisition program is required to address identified distribution gaps and recreation need shortfalls.

A future Kingborough's Open Space Acquisition Plan will:

- guide decision making for open space acquisitions by the City;

Part 2 – Open Space Delivery Plan

- focus on prioritisation to meet identified needs rather than a driver to obtain a specified benchmark standard; and
- use acquisition criteria to ensure land acquired will be appropriate for its future intended purposes.

3.4 Kingborough Public Open Space Contribution Policy

The Kingborough Public Open Space Contribution Policy sets out the broad process of what should be considered in assessing planning applications (in relation to open space provision).

Policy objectives are:

- to ensure that adequate provision is made for public open space that enables high quality outcomes and which benefits all residents and users;
- to ensure the provision of public open space provides for a range of multiple uses and a diverse range of activities, including connecting different public spaces, encouraging active neighbourhoods and tourism, and protecting natural values;
- to ensure that land developers contribute to the provision of public open space commensurate with the scale of development; and
 - o (NOTE: While an individual development may not expressly increase the demand upon public open space or generate a need for public open space in the immediate area in all instances, it is considered that all development is liable for contribution in line with Kingborough's Public Open Space Contribution Policy. The research and analysis undertaken in this study indicates any increase in population and/or density will put further pressure on the open space network as a whole.)
- to ensure that the provisions of the Local Government (Building and Miscellaneous Provisions) Act 1993 are appropriately implemented with respect to the public open space being provided as part of the land subdivision process.

Council should aim to review the Kingborough Public Open Space Contribution Policy to ensure open space targets are set which are realistic and land is acquired to achieve the targets. The review could then inform a future Open Space Acquisition Plan. Additionally, a review could allow Council to create a formal process in making decisions regarding the contribution of land or financial contribution. A formal decision making process would ensure the assessment of planning applications identifies a need for a land contribution or whether a financial contribution is preferred to achieve the completion of the broader open space network.

4 Making More of What We Have

Apart from acquisition to increase land area of the network, qualitative and connectivity improvements to the existing open space network can also deliver significant increases in capacity, diversity of recreation offer and ease of access in getting to a park. Making more of the existing network involves the following:

- improvement and embellishment;
- enhanced pedestrian and cycling connections;

Part 2 – Open Space Delivery Plan

- rethinking existing open space function to increase available provision;
- shared use; and
- opportunistic.

4.1 Improvement and embellishment

Embellishment of existing open space to increase the carrying capacity and diversity of existing open space areas is an effective strategy when acquisition opportunities are limited.

The carrying capacity and usability can be enhanced in various ways such as:

- more efficient planning, design and programming of existing open space;
- improved physical and visual access;
- upgrades to existing facilities that can cater for multi-using of space;
- additional recreational facilities;
- sport field facility upgrades that add hours not hectares such as use of synthetic surfaces; and
- design to encourage use throughout day and evening.

4.2 Enhanced pedestrian and cycling connections

Linking parks and recreation facilities with Kingborough's current and future tracks and trails network has a two-fold benefit of improving the accessibility of individual parks and providing an enhanced network for recreation walking and cycling. The Kingborough Tracks and Trails Strategy 2017-2022 is one mechanism to achieve open space delivery.

Refer to Part 3, Section 4.3.

4.3 Rethinking existing open space

All existing public open space must be assessed to ascertain if it is performing to the highest and best use from an open space and recreation perspective. Opportunities for rethinking open space include:

Sedgebrook Reserve

Consider the potential of subdividing Sedgebrook Reserve to include the important public open space elements as well as residential land.

Surrounded by Environmental Living zoned land.



Silverwater Park

Consider planting the southern sections of Silverwater Park in native vegetation to reduce the need to mow large sections of the park. Maintain a link connecting the southern part of the park (school) with the northern section.



53 Nebraska Road, Dennes Point

Investigate the potential sale of 53 Nebraska Road, Dennes Point. Open space provided to community via foreshore and open space at 10 Sports Road, Dennes Point.



Additional opportunities for rethinking open space are identified in the Strategy Action Plan at Part 1, Section 5.4.

4.4 Shared use

Meeting more diverse recreation demands and providing additional open space and facilities requires new relationships and partnerships.

Seeking agreements with educational or other institutions to expand available open space resources for community use after hours/weekends could create “win-win” partnerships with a school having use of an improved recreation facility and the community having access to an additional recreation offer.

A key consideration will be the need to distinguish between access to school grounds for recreation and access to school buildings.

Partnership models could include:

- develop and maintain school grounds in exchange for community access and use; and
- negotiate school use of community facilities in exchange for community use of school facilities.

An option where additional open space could be made available for increased community access due to population increase is located in future urban growth area in Huntingfield.

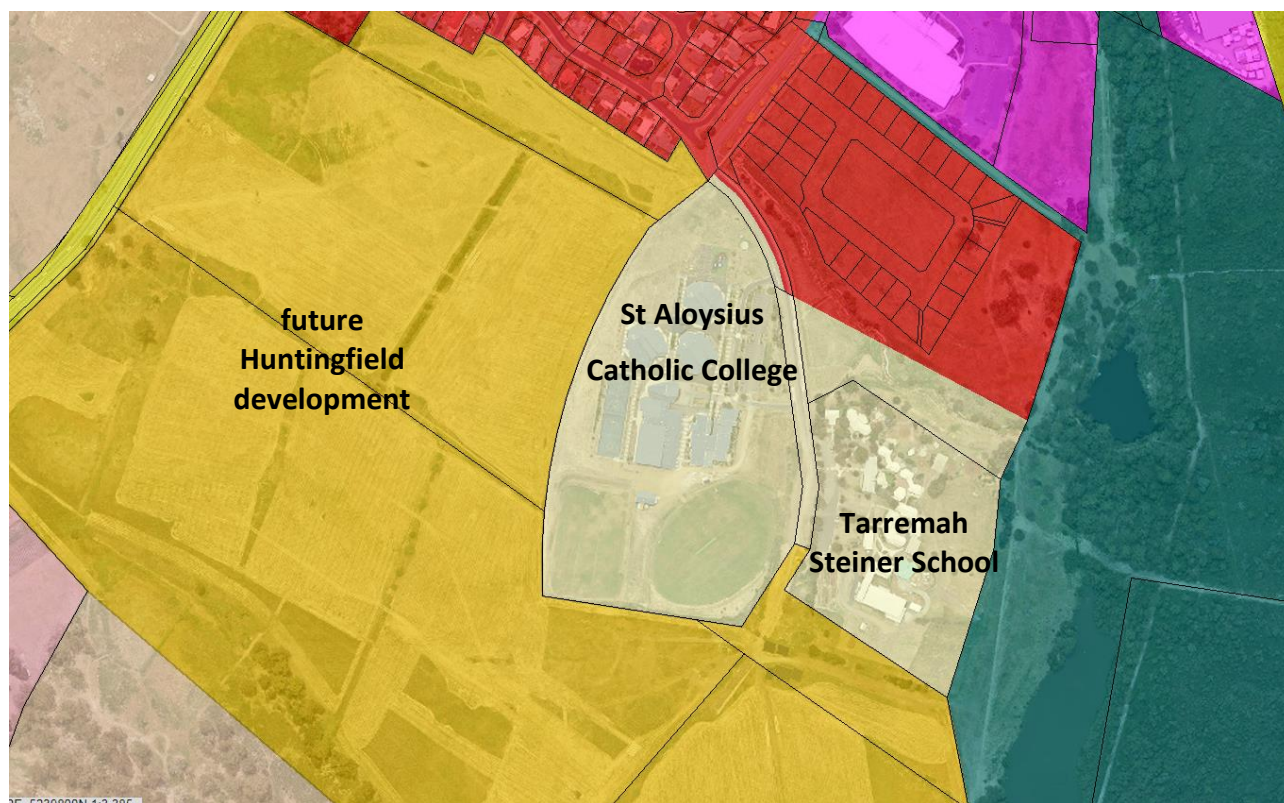


Figure 1: Future urban growth area with established schools

Kingborough Open Space Study & Strategy 2019

Part 2 – Open Space Delivery Plan

Additional opportunities for partnership are identified in the Strategy Action Plan at Part 1, Section 5.4.

Refer also to the State Government's [Community Use of School Sporting Facilities: Council and school partnership agreements Information Sheet](#), which provides details on formal partnership agreements between councils and schools.

4.5 Other opportunities

4.5.1 Considering the street as public recreation space

Rethinking streets as public recreation space either full time or part time is an underutilised opportunity.

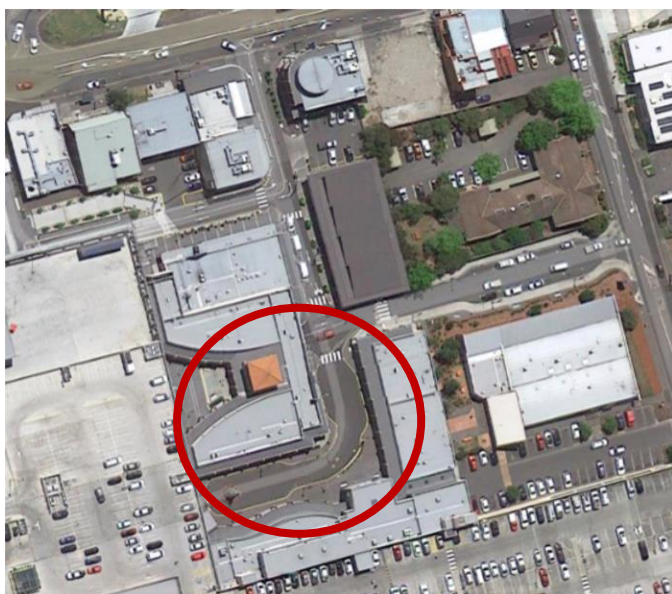
An objective of amenity- and pedestrian-focused public domain planning is to win back road space for use by pedestrians, cyclists or as usable space. This is achieved by either footpath widening, street closures, creation of shared zones or other traffic calming measures.

Potential opportunities include:



Continue upgrade of Channel Highway between Beach Road and Freeman Street.

Vegetated verges, pedestrian crossings, bicycle lanes and other traffic calming measures are encouraged.



Encourage owner of Channel Court Shopping Centre to reconsider current road configuration to allow for more active use of road space by pedestrian, including plantings and seating.

5 Conclusion

Strategies to increase open space provision need to extend beyond acquisition of new land. Rethinking existing public open space use to increase public access and multi-purpose use, qualitative improvements to increase capacity and amenity, and partnerships to achieve community access to currently restricted open space need to be additional strategies undertaken in conjunction with new acquisition to meet demands of Kingborough's growing population.

Part 3 – Research and Analysis

1 Open Space Network Classifications

1.1 Open space definition

The definition of open space for this study is:

Open space - land and water settings maintained and managed for a range of environmental, recreational and social purposes that are valued and may be used by the community including:

- *conservation of ecological processes (including ecosystem services such as clean water) native flora, wildlife habitat;*
- *conservation of cultural heritage and aesthetic values;*
- *sport, recreation and leisure functions – both passive and active, competitive and non-competitive and including open space user support facilities but excluding indoor facilities;*
- *spaces to enhance the visual qualities and social character of urban and rural landscapes;*
- *linear linkages, including trails, pathways, road reserves, riparian reserves, habitat corridors and beaches;*
- *parks, playgrounds and other public spaces where the community can exercise, play, learn, and relax; and*
- *zazard management, including but not limited to flood control, bushfire hazard management, climate change and rising sea level.*

1.2 Open space hierarchy

Open space hierarchy classifications have been assigned to reflect the level of facilities / amenities, and population catchment.

Providing hierarchy classifications will determine planning and development factors such as:

- level of development and infrastructure expected by the community;
- service level standards, particularly relating to maintenance;
- carrying capacity and ability to accommodate various uses;
- flexibility to meet changing demands; AND
- funding priorities.

The hierarchy classifications are outlined in the table below:

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

Table 3: Open space catchment hierarchy

Catchment	Description	Typical scale	Catchment distance from home
State	<p>State level open spaces have characteristics similar to regional venues but serve the whole state because their characteristics are generally considered to be more marked or significant than those of the regional venues.</p> <p>The location of state level open spaces are typically determined in partnership between council and the State Government in response to a variety of factors (physical, social or economic), if it is a nature-based resource, because it is unique, because it is one of few occurrences or because it is the best of that type of resource in the state.</p>	Unlimited	Unlimited
Regional	<p>Serving residents of the broad geographical area, such as southern Tasmania, and may provide facilities for multiple municipal areas.</p> <p>Are larger than other facilities of the same type, as they require a substantial user market to remain financially and operationally viable.</p> <p>Provides a diverse range of facilities and/or specialisation of use to encourage longer stays.</p>	Unlimited	Unlimited
Sub-regional	<p>Serving residents living across the municipal area. Also may be utilised by visitors.</p> <p>Often the only resource of their type in the council area in that their land requirements, higher cost of provision and, for some types of open space, the size of catchment needed to ensure viability means that no more than one or two venues can be provided by a council.</p>	Unlimited	Unlimited
District	<p>Serving residents of well-defined geographical districts or precincts within a municipal area.</p> <p>Are generally large or significant areas that attract visitors from surrounding areas and offer a more diverse range of activities. Can cater for a wide cross section of community interests, including information recreation and sporting opportunities.</p> <p>Provides a diverse range of facilities to encourage longer stays.</p>	1 – 5ha	2-10km

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

Catchment	Description	Typical scale	Catchment distance from home
Local (urban and township)	<p>Serving residents of small rural localities, small townships, and neighbourhoods within settlements/urban areas.</p> <p>Open space area that are positioned and designed to attract residents living within a 0.5km radius. Can facilitate a sense of identify and community.</p> <p>Cater for information recreation, relaxation and children’s play, and should be within walking distance of all households.</p> <p>Open space that provides facilities for visitors within walking distance for 30-60 minute stays.</p>	0.3 – 1ha	500m (urban) <2km (township)

Source: [Tasmanian Open Space Policy and Planning Framework: Attachments](#)

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

1.2.1 Catchment classification examples



State – Kingston Twin Ovals



Sub-regional – Channel Heritage Museum



Local – Urban – Balmoral Road playground



Local – Township – Kaooota Tramway Track

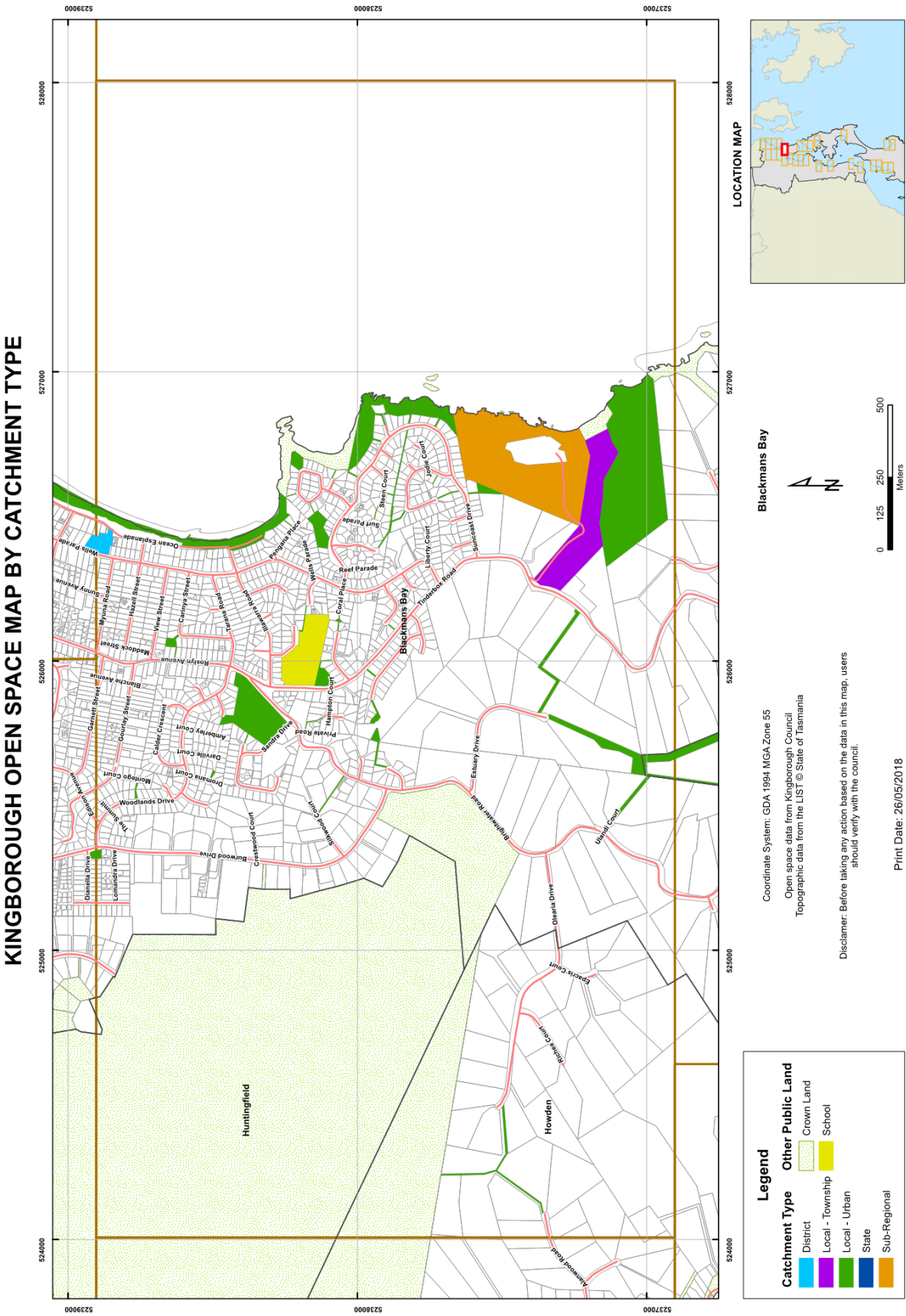


Figure 2: Example of open space by catchment type

1.3 Open space setting and function

Broad landscape setting types have been applied to describe the visual character or “look” and function of the various open spaces to be found across Kingborough. The open space landscape settings are set out below. Refer to [Tasmanian Open Space Policy and Planning Framework: Attachments](#) for further definitions and purposes.

Table 4: Open space settings and function types

Parks Covers the traditional image of open space consisting of areas of turf, trees and garden beds. Depending on size, can support a variety of functions, including unstructured recreation.	Foreshore and Waterway Parks and open space providing physical access, views or amenity to the waterways in Kingborough.
Outdoor Sports Venues Open space which supports organised/structured sport and recreation.	Conservation and Heritage Open space which has been set aside for its natural and/or cultural values, and may be developed to meet a range of non-structured, ‘nature-based’ recreational pursuits in a predominantly informal setting.
Landscape and Amenity Defined as sites which have landscape and amenity features and value which warrant reservation and protection ahead of use for other purposes. Can often times include buffer areas between differing land use types, small garden and tree plantings in urban and rural areas, drainage areas, land which is protected to provide scenic views, and ridge lines which provide a backdrop to urban or other land uses.	Utilities and Services Can include road reserves, flood management areas, water catchments, road development, utilities easements (power, water, gas) and environmental nuisance abatement zones.
Linear and Linkage Described small or lineal open space areas that primarily serve as visual amenity or means of access rather than as a destination for recreation.	Proposed Open Space Defined as areas, which have been reserved or are likely to be reserved to meet future needs of the community.

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

Additionally, specific function characteristics have been applied to the open spaces across Kingborough. These reflect the primary purpose of the space:

- cemetery/memorial;
- conservation/flora/fauna;
- foreshore reserve;
- park area;
- play;
- public land;
- public open space;
- public recreation space;
- reserve;
- right of way;
- sport;
- trail;
- vacant land;
- visual amenity;
- other utility function; and
- no identified function.

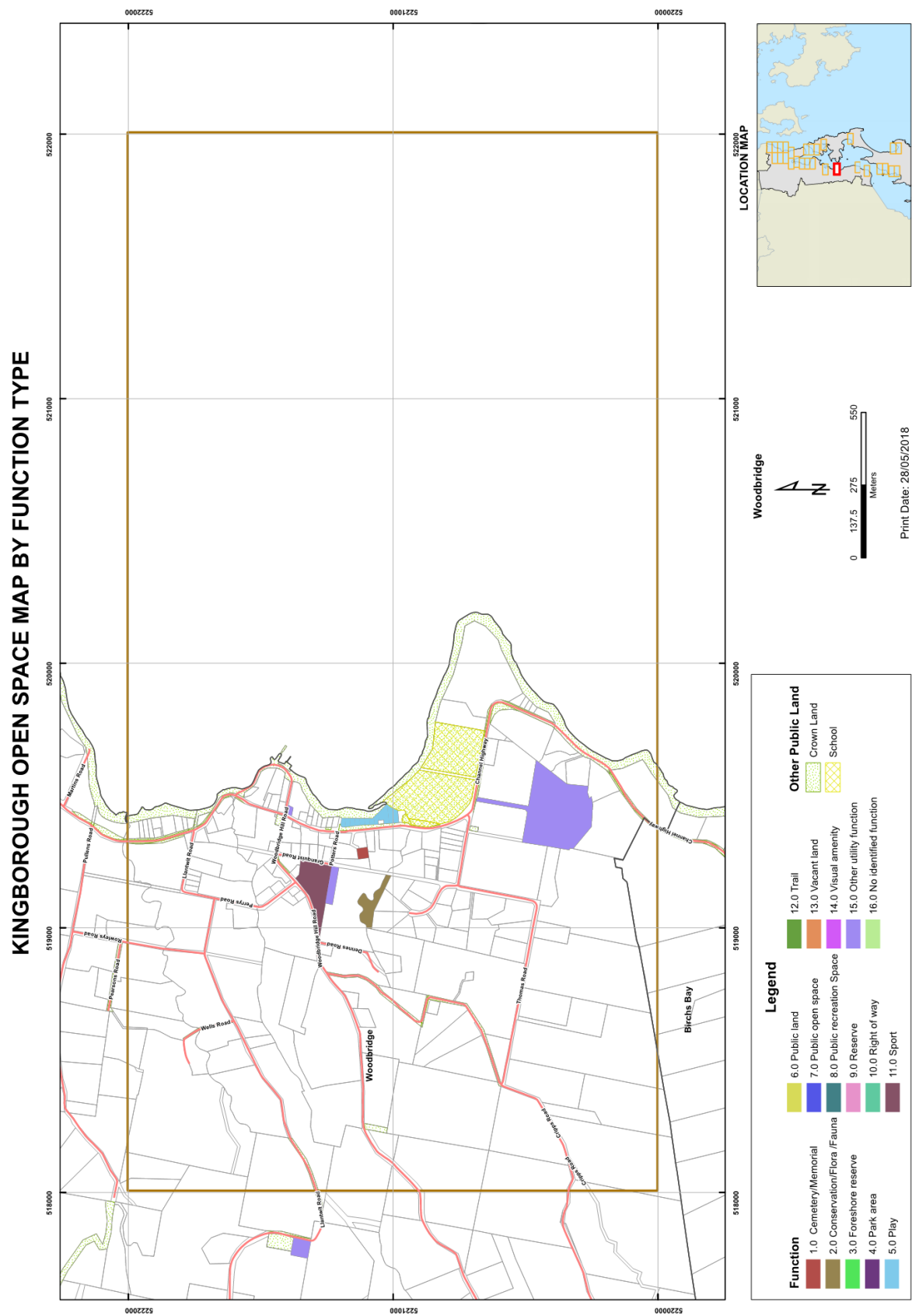


Figure 3: Example of open space by function type

2 Key Drivers for the Future Planning of Open Space and Recreation Facilities

To determine the degree to which provision of public open space and recreation facilities is serving Kingborough, it is essential to understand the strategic context, current and future status of the municipal area's population, demographic trends, population distribution, recreation trends and other influencing factors to ensure targeted future planning.

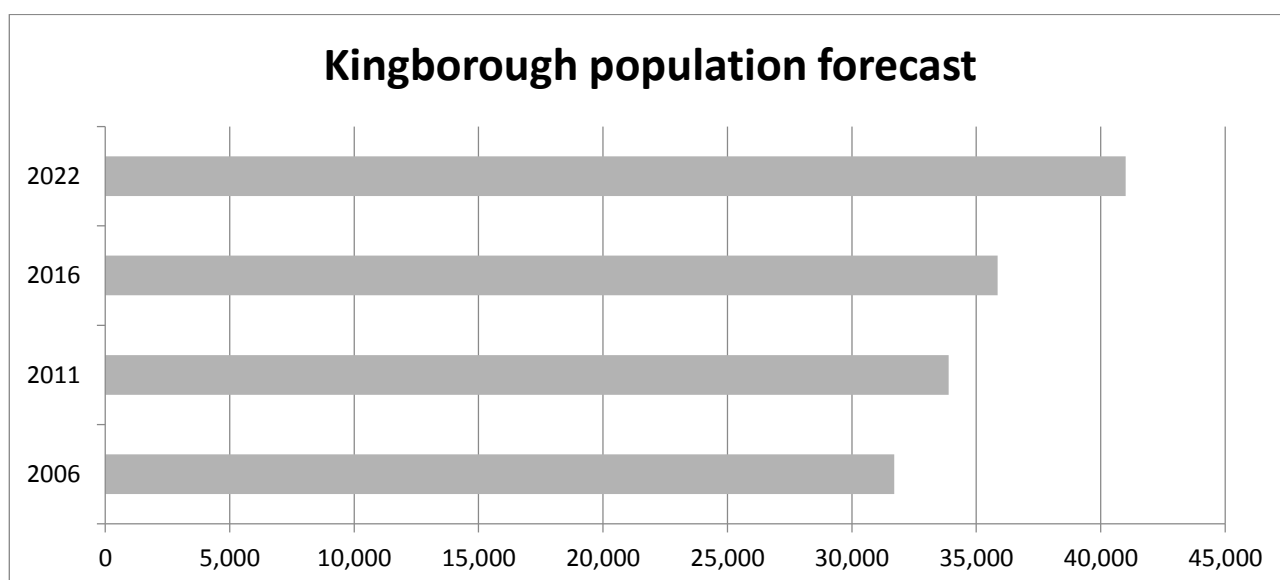
The suburbs of Kingborough are used for the purposes of additional analysis and breakdown beyond an overall municipal area planning perspective.

2.1 Population

The Kingborough local government area had a population in 2016 of 35,853 people. This was an increase of 4,147 people from 2006. Below is the population in Kingborough between 2006 and 2016 showing the steady increase to the current levels. Forecasts suggest Kingborough's population is likely to reach 41,000 by 2022.

Table 5: Population in Kingborough 2006-2016 (Census)

Year	Population
2006	31,706
2011	33,893
2016	35,853
2022	41,000



Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

2.2 Demographics

Key demographic trends evident within Kingborough that will influence open space and recreation facility provision are:

- growing older population;
- families with young children; and
- young adults.

The 2016 Census showed Kingborough to have:

- a slightly less culturally diverse population than most Australian communities, with 78.4% of people born in Australia (compared to 66.7% nationwide);
- slightly more diversity than Tasmania overall (80.7% of residents born in Australia); 91.5% of people only speaking English at home; and
- an Aboriginal and Torres Strait Islander population making up 3.6% of the population, compared to 4.6% for Tasmania and 2.8% in Australia.

The age cohort table below shows that between 2006 and 2016 there has been:

- a slight increase in the 0-14 age groups;
- a relatively steady population in the 35-54 age groups; and
- a significant increase in the 55-74 age groups.

Table 6: Kingborough population by age cohort 2006-2016

Age group	2006 (persons)	2011 (persons)	2016 (persons)	% change 2006 to 2016
0-14	6,438	7,024	7,125	10.7%
15-24	3,870	1,760	3,829	-1.1%
25-34	3,222	3,522	3,817	18.5%
35-44	4,415	4,572	4,464	1.1%
45-54	4,865	4,943	4,904	0.8%
55-64	3,793	4,682	5,078	33.9%
65-74	2,244	2,906	3,942	75.7%
75-84	1,516	1,625	1,969	29.9%
85 years +	489	611	718	46.8%

2.3 Population distribution

Kingborough is a long and narrow municipality. Population is distributed across urban areas, townships and small settlements. The main population areas include Kingston, Taroona and

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

Margate while smaller populations exist on Bruny Island and in other outlying areas such as Longley, Gordon and Middleton. The population breakdown by town/suburb is shown below.

Table 7: Population by town/suburb 2016 (ABS Census)

Town/ suburb	Population	% of population
Taroona	3,070	10%
Kingston	10,409	32%
Blackmans Bay	7,145	22%
Howden	676	2%
Margate	3,920	12%
Snug	1,199	4%
Lower Snug	442	1%
Allen's Rivulet	487	2%
Electrona	364	1%
Leslie Vale	351	1%
Longley	234	1%
Lower Longley	279	1%
Sandfly	310	1%
Oyster Cove	319	1%
Kettering	803	3%
Coningham	253	1%
Woodbridge	503	2%
Middleton	252	1%
Gordon	199	1%
North Bruny	246	1%
South Bruny	567	2%

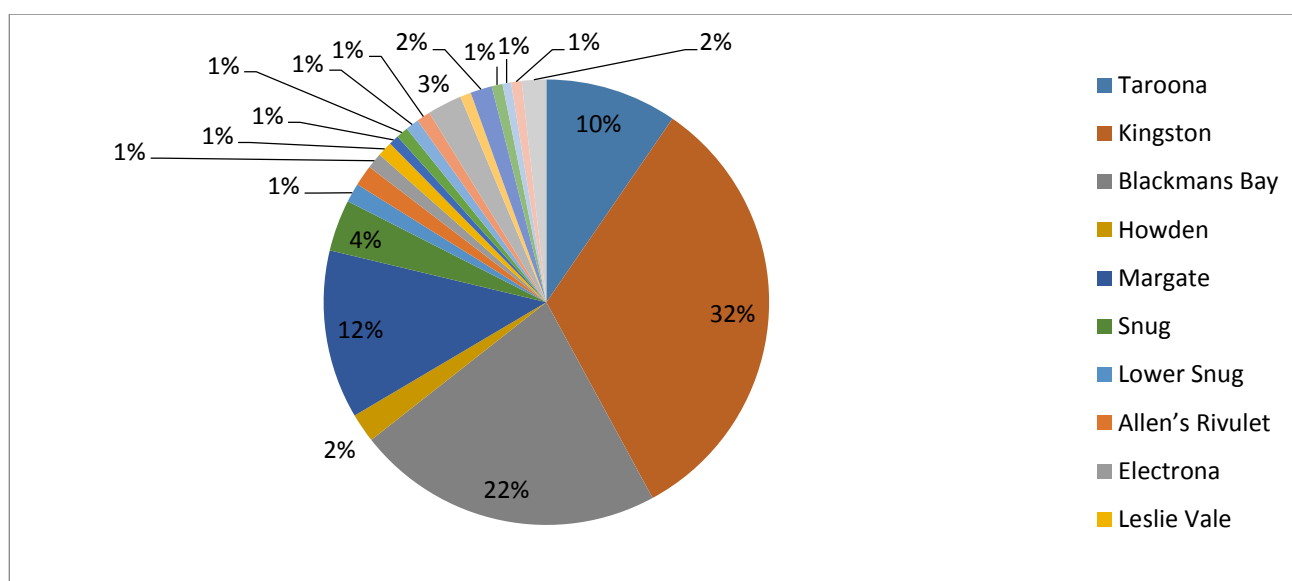


Figure 4: Population distribution across towns/suburbs in Kingborough

2.4 Open space and recreation needs trends

The Tasmanian Open Space Policy and Planning Framework identifies numerous elements that influence open space provision and needs. Of these elements, the following are most likely to impact when planning Kingborough's open space network.

2.4.1 Population growth and aging population

Kingborough continues to be one of the fastest growing municipalities in Tasmania and like most of Tasmania, has a large percentage of people who are more than 50 years old. Population growth has led to an increased demand on existing open space, sporting and other recreational facilities in the municipality including meeting places such as halls and community centres.

Community expectation has increased in regard to the quality of facilities and the level of service provided by facility and open space providers, creating financial pressures to meet demands for a Council. Improved urban facilities such as the Kingston Bypass, shopping precincts and the development of state level facilities in Kingston has resulted in more people coming from outside of Kingborough to utilise open spaces, sporting facilities and trails in the municipality further impacting on the demand.

2.4.2 Changing work hours and employment structures

The traditional work week has changed significantly with more people working across the whole week including weekends, working shifts and working part time or from home. These changes have impacted on the times, patterns and ability of people to participate in traditional recreational and open space activities in the same way as they used to. These changes have led to in part the increase in the demand for facilities that suit informal recreational activities such as multi use trails, 24 hr gyms and a reduction in numbers of adults who participate in formal sport. These impacts are being seen across the country.

2.4.3 Greater focus on equity and access

There is a greater focus on equity and access for all, including protecting the rights of people with a disability. This has led to the need to change the design, provision and management of leisure and recreation facilities and of services and support facilities that are accessible to people of all abilities. Social isolation amongst residents such as elderly and newly arrived migrants has focused attention on the importance of providing meeting places, sport and open space areas that are welcoming, equitable and accessible and have the ability to build stronger, healthier communities. The growth in female participation in traditionally male sports such as AFL, cricket and soccer has and will continue to challenge municipalities such as Kingborough to provide not only playing surfaces to meet demand but support facilities such as change rooms, toilets and social facilities.

2.4.4 Broader participation in sport and recreation

Recreational walking is the most popular recreational activity for both women and men followed by fitness/gym, athletics, swimming, cycling and football (soccer). The most popular club based sport when combining children and adults is football (soccer) followed by golf, Australian Football and netball.

2.4.4.1 Implications for Council's open space and recreation facility provision

Council should consider:

- recreational trails that are well connected, that provide quality experiences and that meet the needs of different user groups;
- continued focus required on the supply and quality of ovals and pitches to meet the strong demand of field sports such as soccer;
- Kingborough has shown strong growth in sports such as soccer and AFL especially at junior level and continued planning is needed to ensure growth is sustainable in terms of facilities and supporting infrastructure;
- the need to address the trend towards informal sport and recreation in the adult communities;
- a new sports-field to be located within close proximity to existing fields and infrastructure;
- refurbishment of existing high use sports fields to include good quality sub base, drainage, irrigation and soil profile; and
- provision of a network of connected multiuse trails that allow access for all.

3 Open Space Network Needs Assessment

3.1 Open space provision assessment

3.1.1 Public open space within Kingborough

Public space open spaced used by the residents of Kingborough are owned, managed and controlled by three broad categories of landholders and managers:

- Kingborough Council owned or under care control and management;
- managed by other authorities, agencies, Trusts or institutions; and
- located in adjoining local government areas accessed by Kingborough residents.

3.1.2 Open space included in assessment

Generally all publically accessible open space is included in the open space calculation. All Council owned and managed parcels of land are included. These also included leased parcels that are owned by the Crown. Parcels owned and managed by the Crown are not included as they were outside of the scope of the project. However, many of these are known (such as some foreshore areas), and therefore consideration of the benefits and impacts of these were made in the analysis.

3.1.3 Open space provision and distribution

Summary of the open space network (2019)

- 6,270ha Council managed;
- 8.74% of Kingborough land area; and
- 706 Kingborough managed public open spaces in a variety of landscape settings.

The geographic distribution of public open space within the municipal area is a key access and equity issue for the community. The ability of residents to gain access to public open space within easy access from home or work is an important factor to quality of life.

The amount of open space relative to population density is an important measure of open space provision. Additional research needs to be undertaken to understand the ratios of population to open space currently existent in Kingborough's suburbs.

3.1.3.1 Kingston Park

Kingston Park is the former Kingston High School site and is located immediately to the north of the Kingston Central Business District. The redevelopment of this site constitutes the most important development opportunity within Kingston and how it is developed will be critical in determining the future viability of the whole Kingston CBD.

Planning and analysis has recognised that the future play space and other public open space elements could constitute a Regional level open space at this location in the future.

3.1.4 Open space diversity and distribution

The range of open space setting types within a local government area will determine the diversity of recreation available for people to use.

Kingborough's open space network has been assessed in terms of the setting types, which are defined in Section 1.3 and are derived from the [Tasmanian Open Space Policy and Planning Framework: Attachments](#). This assessment provides a means to ascertain the relative diversity of open space types and subsequent recreation opportunities or deficiencies provided throughout the open space network.

The following graphs and tables provide an understanding of the overall distribution of open space settings.

Table 8: Open space setting type

Setting type	Number	Area (ha)	% of open space
Cemetery/Memorial	12	4.27	0.07%
Conservation/Flora /Fauna	85	5724.09	91.30%
Foreshore reserve	3	2.00	0.03%
No Identified Function	10	3.32	0.05%
Other Utility Function	75	131.92	2.10%
Park area	1	0.64	0.01%
Play	51	36.27	0.58%
Public land	1	0.37	0.01%
Public Open Space	4	1.30	0.02%
Public recreation Space	14	7.91	0.13%
Reserve	2	0.50	0.01%
Right of way	1	0.03	0.00%
Sport	28	83.61	1.33%
Trail	392	258.14	4.12%
Vacant Land	13	9.77	0.16%
Visual Amenity	14	5.29	0.08%

Part 3 – Research and Analysis

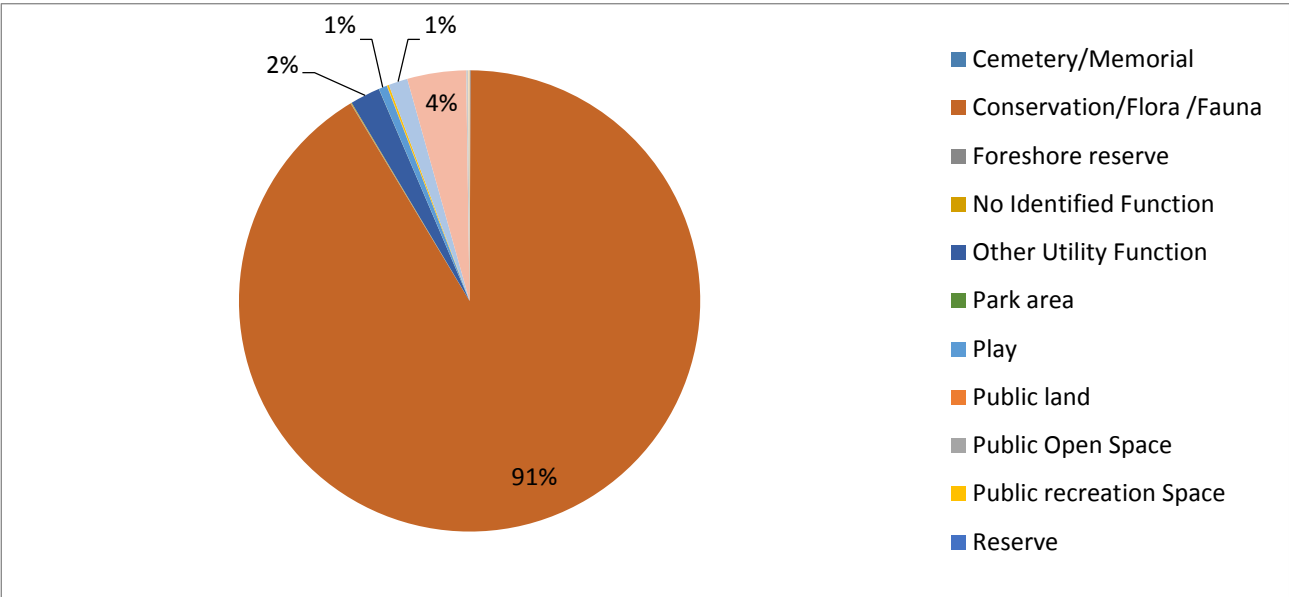


Figure 5: Open space settings (%) in Kingborough
NOTE: Percentages are calculated from total open space, not total land area within Kingborough.

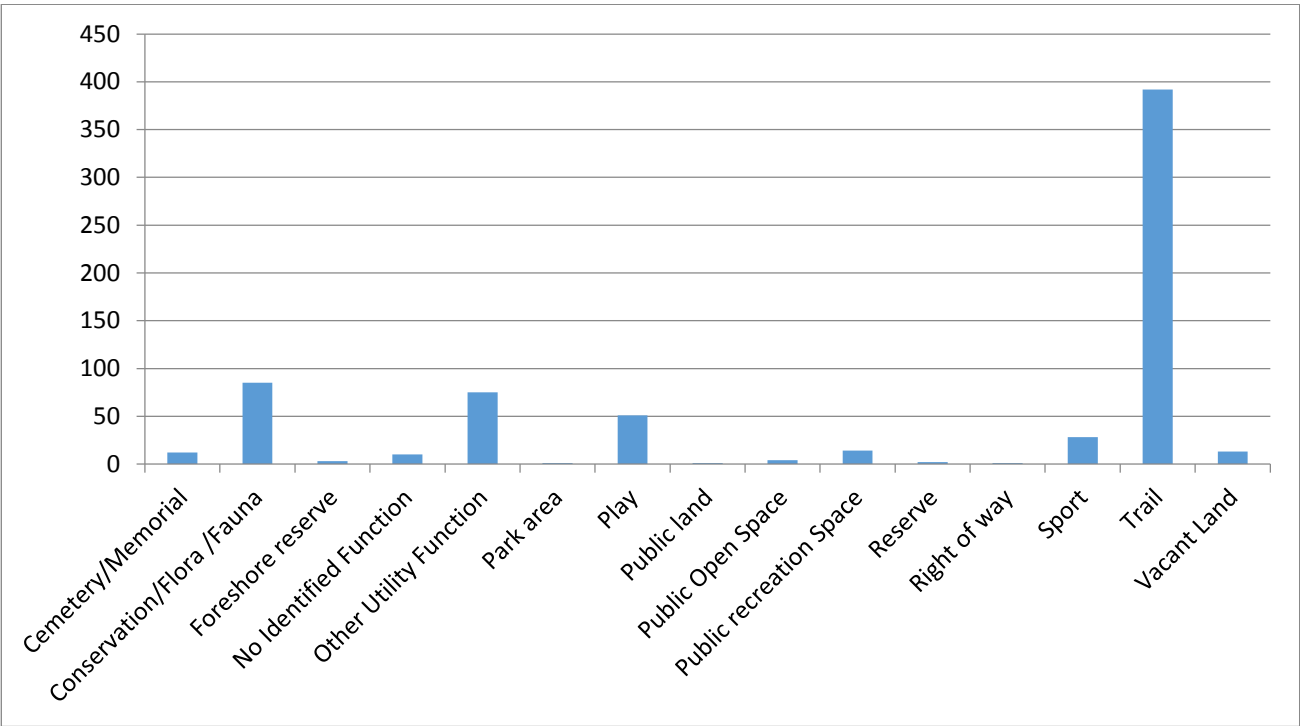


Figure 6: Open space settings (number) in Kingborough

Kingborough Open Space Study & Strategy 2019

Part 3 – Research and Analysis

3.1.5 Open space size

Related to open space setting types the size of open space across a local government area has a direct bearing on a community's access to open space and the capacity of that open space to meet a range of recreation activities and needs.

Assessment of the size of individual open spaces is important because typically larger parks can offer greater diversity of facilities and therefore recreation opportunities, whereas small open spaces are inevitably limited in the facilities and types of uses that they can offer.

A quick assessment of the area per catchment type has been undertaken. See graphs and table below. Research shows there is a strong relationship between size of parks and user catchment.

Table 9: Open space catchment type

Catchment type	Number	Area (ha)	% of open space
State	3	5619.476	89.63%
Sub Regional	14	35.791	0.57%
District	29	34.376	0.55%
Local - Urban	454	197.676	3.15%
Local - Township	206	382.116	6.09%

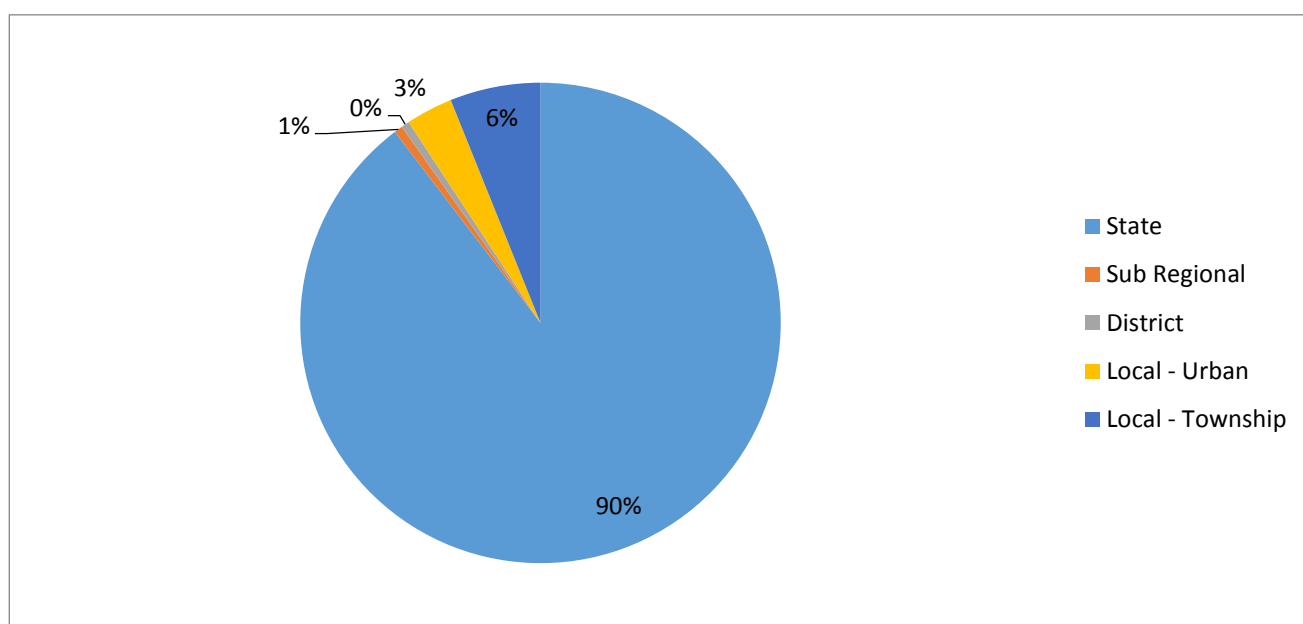


Figure 7: Open space catchment types (%) in Kingborough

NOTE: Percentages are calculated from total open space, not total land area within Kingborough.

3.1.6 Open space accessibility and barriers

Critical to the widest opportunities for the community to enjoy and use the public open space in Kingborough is the ease of access. The Trust for Public Land in the United States considers accessibility as a better measurement of park system excellence than total park area.

Two factors that most strongly affect access to open space at a local level are **distance to walk** and **access barriers**.

3.1.6.1 Pedestrian open space distribution gaps and barriers

Initial analysis was undertaken to assess distribution of open space and identify areas not within reasonable walking distance of residents. However, due to resource constraints the distribution gaps analysis relied on a 500 metre buffer radius as-the-crow-flies, rather than along the pedestrian network.

It is critical to acknowledge that although a park may be geographically close, topography, street layouts and lack of safe crossing points can be significant barriers to pedestrian / cycle movement that often define peoples' sense of boundaries of their local area.

Further work needs to identify the gaps and barriers in distribution for local and district level parks, utilising the pedestrian network.

3.1.6.2 Inclusive access

At the individual park level, park layout, design and maintenance practices may determine the accessibility and inclusive enjoyment of the park by people with disabilities, older people and families with prams.

Australian Standard suite 1428 check is intended to ensure equity of access in both the public and private domain and provides physical expression of the objectives of the Disability and Discrimination Act 1992.

Decision as to whether to visit a park for either the disabled or their carers can often depend on the availability and quality of toilets, seating, shade and other accessible amenity. Importantly these access improvements are of equal benefit to able-bodied users, including those with pram, cyclists and walkers.

Council should consider preparing a public domain access policy that provides guidance on the design, maintenance and management of parks and other recreation facilities to ensure access and inclusion are key considerations.

3.1.6.3 Open space linkages

The degree to which open space is linked is a crucial dimension of future planning for improved park use in Kingborough and access to a diversity of recreational experiences.

While proximity is a key driver of use, where proximity is poor then actual access through adjoining streets and linkages becomes crucial, especially for those people without cars or in areas of poor public transport.

The promotion of open space networks across Kingborough provide greater opportunity for recreation, promote physical activity, enhance access to other parks and community facilities, improve visual amenity and create wildlife corridors.

Part 3 – Research and Analysis

Key to creating open space linkages is Kingborough's tracks and trails network through the Kingborough Tracks and Trails Strategic Action Plan 2017-2022.

This strategy not only identifies existing trails, but also key trail linkage opportunities that may be gained through acquisition or subdivision.

3.1.7 Open space quality

Recent national and international trends place importance on providing quality public open space rather than a sole fixation on quantity. While in reality the two go hand-in-hand in best practice planning the quality of parks and open space is nonetheless a critical factor in the park visitor experience.

Quality public spaces as opposed to large tracts of land of unembellished land provide numerous benefits to communities with recognition that safe, accessible and visually attractive recreation facilities and open spaces encourage and promote more active lifestyles and better community interaction.

Determinants of the quality of park experience are design and maintenance/management which directly affect usability, sustainability, safety and amenity and comfort.

3.1.8 Open space environmental

Parks and open spaces act as an important link in respect to the creation of environmental links and biodiversity corridors. When combined with improved streetscape tree planting and enhanced native vegetation along infrastructure corridors, open space can provide important native fauna habitat or refuge, especially for canopy dwellers.

Further research needs to be undertaken to map all biodiversity corridors and potential habitat linkages across Kingborough.

3.1.9 Open space qualitative assessment

The following issues have been identified through consultation with internal staff.

Open space type	Assessment	Comment
Open space planning process	<ul style="list-style-type: none"> - Council does not currently have a formal process in making decisions regarding the contribution of land, and financial contribution has not always been consistent. 	The Kingborough Public Open Space Contribution Policy sets out the broad process of what should be considered in assessing planning applications (in relation to open space provision).
Open space funds	<ul style="list-style-type: none"> - A consolidated fund can support small communities that have little or no development (to raise open space funds) but do have identified gaps in open space provision or facilities. - A consolidated fund can support important open space projects that would meet gaps in provision in larger communities but where benefits would flow to those living in smaller communities such as District or Regional level open space projects. 	It is not feasible to offer every type, size and quality of open space and/or recreational opportunity in every town or suburb. It therefore is important to ensure that recreational facilities and open spaces are located in areas where they offer the most benefit to the local community and meet a gap in the identified provision while also considering the benefits that will flow to the broader community and visitors.
Open space – general	<ul style="list-style-type: none"> - There is a public perception that there is a lack of provision for off-leash dog exercise areas. - There is a lack of suitable car parking at popular beaches including Tinderbox and Kingston Beach. - There is a lack of boat launching and parking facilities throughout the municipality. - Park linkages and signage are poor. - There are currently insufficient funds to meet the community need and demand for open space projects. - There are a number of bushland reserves that hold no other values other than perceived environmental values. 	

	<ul style="list-style-type: none"> - There are some urban parcels set aside for Public Open Space but never developed or likely to be developed due to financial constraints. 	
Trails	<ul style="list-style-type: none"> - There is significant demand for more shared use tracks for passive recreation and linkages. - Safe cycle commuting routes for children (and adults) to get to school, work etc are desirable. - Very limited walking trails in some of the smaller rural communities but not necessarily the demand. - The standard/quality of mountain bike facilities compared to other communities in the region is lacking. - Trail use in both urban and rural areas has grown in demand. - Expectation on Council to secure land for missing track links. - Increasing need for some safe natural bushland settings for walking for the ageing population. 	<p>Council has several very important trail networks, including the Alum Cliffs Track, Tarroona Foreshore Trail, Whitewater Creek Trail, Margate Rivulet, Nierinna Creek and the Kaoota Tramway. Council's Local Links project has identified and promoted a significant local network of urban pathways helping to develop active lifestyle choices for the community.</p>
Play spaces and parks	<ul style="list-style-type: none"> - Community concern regarding the provision of quality of spaces including playgrounds, parks and skateboarding throughout Kingborough. - Kingborough's facilities are not achieving community expectations in comparison to other local government areas. - Many playgrounds do not provide challenging play experiences and fall below community expectations. - Kingborough does not provide equal access play spaces sufficient for community need at present. - Nature play is limited. - Provision of whole of park developments catering for all ages and abilities. 	<p>The open space gap analysis within this strategy has identified numerous areas where improvements to the play experience, quality and quantity of equipment and facilities is required.</p>

Sports – general and sports fields	<ul style="list-style-type: none">- A shortage of sports grounds to meet demand in the immediate Kingston area.- Most grounds are booked to capacity.- Increasing demand for oval availability for soccer and AFL for up to 12 months of the year.- A need for improved playing surfaces to limit ground closures during winter.- A need for a second sports ground with a turf centre wicket.- Informal sports fields are poorly maintained.- Increasing demand for grounds to cater for the growth in women's sport.- There is limited availability of grounds for casual bookings.- Clubs are reluctant to share facilities.	The distribution of sporting grounds in Kingborough is relatively equitable with fields available to the public for formal and informal sport in Tarooma, Kingston, Blackmans Bay, Margate, Snug, Kettering and Woodbridge.
Management and maintenance	<ul style="list-style-type: none">- Many small parcels of land that were originally acquired by way of subdivision/POS contribution for natural resource management purposes or to provide a protected bush buffer.- Land zoned Public Open Space that is being encroached upon by adjoining neighbours.- A lack of resources required to meet community needs and expectations (both financial and staffing).- A growing population that puts pressure on existing facilities and open spaces.	

4 Relevant Council Strategies

Kingborough's open space network is made up of many venue types and facilities. This section provides a reference to relevant Council strategies. These strategies and policies should be read in conjunction with, and considered a part of, the Kingborough Open Space Study and Strategy 2019.

4.1 Kingborough Public Toilet Strategy 2016

The Kingborough Public Toilet Strategy 2016 provides a framework for the provision and refurbishment of public toilets in Kingborough. Council plays a key role in providing public toilets that are safe, accessible, clean and environmentally sustainable. The provision and management of appropriately located, quality public toilets enhanced community well-being and the enjoyment of the municipal area by tourists and visitors alike. The key considerations in relation to the provision of public toilet facilities are:

- demand;
- accessibility;
- environmental impact; and
- cost.

Key recommendations from the Kingborough Public Toilet Strategy 2016 include:

- the repair of numerous facilities;
- the removal and replacement of some facilities and the removal of others without replacement;
- improved accessibility;
- improved design elements of new and existing facilities;
- to meet demand; and
- improved safety of facilities.

4.2 Kingborough Sport and Recreation Facilities Strategy 2013

The Kingborough Sport and Recreation Facilities Strategy (KSRFS) was developed to provide a clear, planned and pragmatic approach to the development of new sport and recreation facilities as well as the upgrading of existing facilities. The strategy aims to progressively improve facilities that provided recreational, social and sporting opportunities to the Kingborough community. Key findings included:

- the need to improve the playability and sustainability of sports fields -especially where demand during winter is strong;
- the need to assess the condition, need, sustainability and usability of supporting infrastructure such as sports pavilions, changerooms, carparking and spectator seating;
- the importance of providing quality, connected recreational trails close to where people live; and
- the need to research infrastructure requirements for informal sport and recreation activities in Kingborough.

4.3 Kingborough Tracks and Trails Strategy 2017 -2022

The Kingborough Tracks and Trails Strategic Action Plan 2017-2022 has been developed to provide a clear, co-ordinated and strategic approach to guide Council's planning, development, management and promotion of a municipal wide network of tracks into the future.

Identified within this strategy are key trail linkage opportunities that may be gained through acquisition or subdivision as well as existing trail projects that require improvements through signage, condition of surface or other infrastructure.

Many of these projects will benefit from either developer financial contributions or land through the planning process. This strategy will help support decisions related to land acquisition and developer contribution.

4.4 Draft Kingborough Play Space and Playground Strategy 2017

The draft Kingborough Play Space and Playground Strategy 2017 outlines Council's provision for play, identifying quantity and quality of existing provision and need and identifies future development opportunities.

A key recommendation of this strategy in relation to open space is:

- where open space becomes available to meet a gap in local level service provision, the development of a new play space at that site is given some priority in the play space capital works program.

4.5 Kingborough Council Dog Management Policy

Kingborough's Dog Management Policy promotes the responsibilities of dog ownership so as to ensure the following:

- appropriate exercise areas are provided that are as safe as possible for dogs, their owners, the environment and the general public;
- sensitive areas, including areas of cultural significance, native flora and native fauna are protected;
- any potential nuisance caused by dogs to the public is minimised; and
- the requirements of dog ownership as set out in the Dog Control Act 2000 are understood and followed by owners.

The policy provides details of the following areas:

- dog exercise areas;
- dog training areas;
- prohibited areas; and
- restricted areas.

The policy endeavours to provide access to off-lead exercise areas in strategic locations throughout the municipal area. Dogs may also be exercised in most of Council's parks, reserves and walking tracks, provided that they are on a lead at all times.

Part 4 – Appendices

Appendix 1. Kingborough Open Space Inventory List

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Adventure Bay	Adventure Bay Cemetery		Adventure Bay Rd		Local - Township	Utilities and Services	Cemetery/Memorial
Adventure Bay		5	Kellaway Rd		District	Parks	Play
Adventure Bay	Bowls Club land?	730	Adventure Bay Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Adventure Bay	Jetty & Boat ramp				Local - Township	Utilities and Services	Other Utility Function
Adventure Bay	Adventure Bay Boat ramp				Local - Township	Utilities and Services	Other Utility Function
Allen's Rivulet	Allen's Rivulet Track	329	Allen's Rivulet Rd		Local - Township	Linear and Linkage	Trail
Allen's Rivulet	Allen's Rivulet Track		Moodys Rd		Local - Township	Linear and Linkage	Trail
Allen's Rivulet	Kaoota Tramway Track	Lot 2	Mudges Rd		Local - Township	Linear and Linkage	Trail
Allen's Rivulet	Old Quarry Site		Mudges Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Allen's Rivulet	Allens Rivulet Track	14109	Allen's Rivulet Rd		Local - Township	Linear and Linkage	Trail
Allens Rivulet	Allen's Rivulet track	Lot 100	Allen's Rivulet Rd		Local - Township	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Alonnah		19	School Rd		Local - Township	Utilities and Services	Other Utility Function
Alonnah	Alonnah Sports ground and Community hall	14	School Rd		Local - Township	Outdoor Sports Venues	Sport
Alonnah	Bruny Island Service Centre	3893	Bruny Island Main Rd		Local - Township	Utilities and Services	Other Utility Function
Alonnah	Bruny Island Works depot	3907	Bruny Island Main Rd		Local - Township	Utilities and Services	Other Utility Function
Alonnah	Alonnah Cemetery	3899	Bruny Island Main Rd		Local - Township	Utilities and Services	Cemetery/Memorial
Alonnah		75	Mathew Flinders Dry		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Alonnah			Bruny Island Main Rd		Local - Township	Proposed Open Space	No Identified Function
Alonnah	Old Allonah Tip	25	Jannali Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Alonnah	School Tennis Court- Allonah	15	School Rd		Local - Township	Outdoor Sports Venues	Sport
Apollo Bay		22	Apollo Bay Rd		Local - Township	Linear and Linkage	Trail
Barnes Bay	Jetty and boat ramp		Church Rd		Local - Township	Utilities and Services	Other Utility Function
Barretta	Baretta Transfer Station	1922	Channel Hwy		Local - Township	Utilities and Services	Other Utility Function
Blackmans Bay		156	Burwood Dr		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Blackmans Bay		2091	Lady Penrhyn Drive		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Blackmans Bay	Boronia Hill Access	103	Tingira Rd		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Suncoast Headland Track	51	Suncoast Drive		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Windhaven Court Park	12	Tinderbox Rd		Local - Urban	Parks	Visual Amenity
Blackmans Bay	Boronia Hills Track	44	Honeysuckle Dr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Boronia Hill Access	79	Tingira Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Blackmans Bay		22-24	Opal Dr		Local - Urban	Parks	Conservation/Flora /Fauna
Blackmans Bay		63	Opal Dr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay		1	Mirramar Park		Local - Urban	Parks	Play
Blackmans Bay	Boronia Hills Flora Track		Tingira Rd		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Suncoast Headland Track		Pengana Place		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Melaleuca Reserve.	20	Melaleuca Dr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Carunya Reserve	15	Carinya Street		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Tinderbox Rd East Trail Reserve	6	Tinderbox Rd		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Suncoast Drive Reserve	600	Suncoast Drive		Local - Urban	Parks	Play

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Blackmans Bay	Dromana Court walkway reserve.		Dromana Court		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Treatment Plant	112	Tinderbox Rd		Sub Regional	Utilities and Services	Other Utility Function
Blackmans Bay	Suncoast Headland Track (loop)- Dog Exercise area.	Lot 1	Tinderbox Rd		Local - Urban	Linear and Linkage	Trail
Blackmans Bay		Lot 102	Caladium Pl		Local - Urban	Parks	No Identified Function
Blackmans Bay		Lot 103	Caladium Pl		Local - Urban	Parks	No Identified Function
Blackmans Bay		Lot 102	Algona Rd		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Blackmans Bay Skate Park and Hall?	24	Ocean Esplanade		District	Parks	Play
Blackmans Bay	Burwood Reserve.	1	Dianella Drive		Local - Urban	Parks	Play
Blackmans Bay	Boronia Hills Flora Track	Lot 200	Hillside Dr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Alomo Close Playground	8	Alamo Cl		Local - Urban	Parks	Play
Blackmans Bay	Sherbud Oval	1	Brightwater Rd		Local - Urban	Outdoor Sports Venues	Sport
Blackmans Bay		274	Pearl St		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Sherburd Oval	281	Roslyn Ave		Local - Urban	Outdoor Sports Venues	Sport
Blackmans Bay	Suncoast Headlands Walking Track	93A	Suncoast Drive		Local - Urban	Linear and Linkage	Trail
Blackmans Bay		41	Hiern Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Blackmans Bay	Blackmans Bay Scout Hall	120	Tinderbox Rd		Local - Township	Utilities and Services	Other Utility Function
Blackmans Bay	Suncoast Headland Track	83	Suncoast Drive		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Boronia Hill Flora Track	11	Honeysuckle Dr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Foreshore reserve	30	Flowerpot Cr		Local - Urban	Linear and Linkage	Trail
Blackmans Bay		1	Yallaroo Drive		Local - Urban	Parks	
Blackmans Bay		156	Burwood Dr		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Blackmans Bay	Girl Guides	160	Burwood Drive		Local - Urban	Utilities and Services	Other Utility Function
Blackmans Bay		26	Golden Grove Dr		Local - Urban	Proposed Open Space	Other Utility Function
Blackmans Bay	Estuary Drive reserve		Estuary Drive		Local - Urban	Linear and Linkage	Trail
Blackmans Bay	Blackmans Bay Foreshore				Local - Urban	Foreshore and Waterway	Visual Amenity
Bonnet Hill	Alum Cliffs Track		Wootten Drive		Local - Urban	Linear and Linkage	Trail
Bonnet Hill	Bonnie Brae Reserve		Bonnie Brae Rd		Local - Urban	Linear and Linkage	Trail
Bonnet Hill	Sedgebrook Reserve	108-118	Sedgebrook Rd		Local - Urban	Parks	Trail
Bonnet Hill	Brickfields-Alum Cliffs	23	Sedgebrook Rd		District	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Bonnet Hill		4	Taronga Rd		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna
Dennes Point			Dennes Point boat ramp		Local - Township	Utilities and Services	Other Utility Function
Dennes Point	Vacant Land	1	Dennes Point Lane		Local - Township	Landscape and Amenity	Other Utility Function
Dennes Point	Dennes Point Hall -At the Point	18	Bruny Island Main Rd		Local - Township	Utilities and Services	Other Utility Function
Dennes Point	Vacant Land	53	Nebraska Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Dennes Point	North Bruny Sports Ground	10	Sports Rd		Local - Township	Outdoor Sports Venues	Sport
Dennes Point	Kelly's Estate	47	Dennes Point		Local - Township	Foreshore and Waterway	Conservation/Flora /Fauna
Electrona			Slatterys Rd		Local - Township	Linear and Linkage	Trail
Electrona		201	Graham St		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna
Electrona		2023	Channel Hwy		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Electrona		35	Staff Rd		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna
Electrona	Harts Hill Track connection		Culbara Rd		Local - Township	Linear and Linkage	Trail
Electrona		19A	Dickson St		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Ferntree			Summerleas Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Flowerpot		Lot 1	Channel Hwy		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Gordon			Channel Hwy		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Gordon	Gordon Rec Ground and camp site		Channel Hwy		District	Parks	Other Utility Function
Gordon			Kregors Rd		Local - Township	Landscape and Amenity	Conservation/Flora /Fauna
Gordon	Three Hut Point		Channel Hwy		Local - Township	Parks	Other Utility Function
Gordon	Carpark Jetty		Esplanade		Local - Township	Utilities and Services	Other Utility Function
Great Bay	Bruny Island airstrip	2179	Bruny Island Main Rd		District	Utilities and Services	Other Utility Function
Great Bay	Sadgrove Point Reserve	11	Bruny Island Main Rd		Local - Township	Foreshore and Waterway	Conservation/Flora /Fauna
Howden	Wingara Gully Track	54	Draper Rd		Local - Township	Linear and Linkage	Trail
Howden	Stinkpot Bay Track	193	Howden Rd		Local - Township	Linear and Linkage	Trail
Howden	East of 259 Howden Rd, contiguous to Howden Rd, identified by PID 2053691		Howden Rd		Local - Township	Landscape and Amenity	Visual Amenity
Howden			Tinderbox Rd		Local - Township	Landscape and Amenity	Visual Amenity

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Huntingfield	Coffee Creek track	9	Patriarch Dr		Local - Urban	Linear and Linkage	Trail
Huntingfield	Coffee Creek Track	12	Patriarch Dr		Local - Urban	Linear and Linkage	Trail
Huntingfield	Sirius Park Reserve		Sirius Dr		Local - Urban	Parks	Visual Amenity
Huntingfield	Mayfield Park	112	Sirius Dr		Local - Urban	Parks	Play
Huntingfield		100	Patriach Drive		Local - Urban	Linear and Linkage	Trail
Kaoota	Kaoota Tramway Track		Pelverata Rd		Local - Township	Conservation and Heritage	Trail
Kaoota	Kaoota Tramway Track	Lot 1	Roberts Rd		Local - Township	Linear and Linkage	Trail
Kaoota	Old Quarry Site		Pelverata Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Kaoota	Hall	619	Pelverata Rd		Local - Township	Utilities and Services	Other Utility Function
Kettering	Kettering Oval	2963	Channel Hwy		Local - Township	Outdoor Sports Venues	Sport
Kettering	Part of the Manuka Hills Track		Doughboy Dr		Local - Township	Linear and Linkage	Trail
Kettering		1	Saddle Rd		Local - Township	Linear and Linkage	Trail
Kettering	Manuka Hills Track		Manuka Rd		Local - Township	Linear and Linkage	Trail
Kettering	Vacant land	3029	Channel Hwy		Local - Township	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kettering	Manuka Hills Track	Lot 1	Wilsons Rd		Local - Township	Linear and Linkage	Trail
Kettering		3	Channel Hwy		Local - Township	Foreshore and Waterway	Conservation/Flora /Fauna
Kettering	Manuka Rd Trail reserve		Manuka Rd		Local - Township	Linear and Linkage	Trail
Kettering		30	Selby Rd		Local - Township	Proposed Open Space	No Identified Function
Kettering		24	Selby Rd		Local - Township	Proposed Open Space	No Identified Function
Kettering		2896	Channel Hwy		Local - Township	Conservation and Heritage	Cemetery/Memorial
Kettering	Kettering Cemetery	2908	Channel Hwy		Local - Township	Utilities and Services	Cemetery/Memorial
Kettering			Channel Hwy				
Kettering	Old Rec Ground	40	Saddle Rd		Local - Township	Parks	Other Utility Function
Kettering		22	Groombridges Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Kettering	Kettering Point walkway				Local - Township	Linear and Linkage	Trail
Kingston	Bush Block		Stringybark Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Whitewater Creek Track	6	Summerleas Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Manor Gardens Club	3	Manor Gardens		District	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston		Lot 2	Groningen Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Willowbend Rd Playground	84	Willowbend Rd		Local - Township	Parks	Play
Kingston		101	Freesia Cr		Local - Urban	Parks	No Identified Function
Kingston	Cemetery Kingston	67	Channel Hwy		Local - Urban	Conservation and Heritage	Cemetery/Memorial
Kingston	Picket Hill Track (potential link to Jacobsen Pl)	15	Jacobsons Place		Local - Urban	Linear and Linkage	Trail
Kingston	Whitewater Creek Track	4	Summerleas Rd		Local - Urban	Linear and Linkage	Trail
Kingston		208A	Redwood Rd		Local - Urban	Parks	Visual Amenity
Kingston	Boronia Hill Reserve		Baynton Street		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Boronia Hill Reserve		Baynton Street		Local - Urban	Linear and Linkage	Trail
Kingston			Malachi Dr		Local - Urban	Linear and Linkage	Trail
Kingston	Greenhill Drive playground	12 to 14	Greenhill Dr		Local - Urban	Parks	Play
Kingston		6	Summerleas Rd		Local - Township	Linear and Linkage	Trail
Kingston	WL Vince Memorial Park	49	Channel Hwy		Local - Urban	Conservation and Heritage	Cemetery/Memorial
Kingston		Lot 101	Corlacus Drive		Local - Urban	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston		Lot 103	Corlacus Drive		Local - Urban	Utilities and Services	Trail
Kingston		Lot 103	Corlacus Drive		Local - Urban	Linear and Linkage	Trail
Kingston	Whitewater Creek Track	Lot 3	Summerleas Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Whitewater Creek track	Lot 303	Summerleas Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Cottage Rd track to Wetlands	Lot 200	Browns Rd		Local - Urban	Linear and Linkage	Trail
Kingston		32	Corlacus Drive		Local - Urban	Linear and Linkage	Trail
Kingston	Nolan Crescent Playground.	29	Nolan Cr		Local - Urban	Parks	Play
Kingston	Whitewater Creek Track		Summerleas Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Ferguson Ct Reserve	2	Ferguson Ct		Local - Urban	Parks	Visual Amenity
Kingston	Nolan Cres Playground	41A	Drysdale Ave		Local - Urban	Parks	Play
Kingston	Boddy's Creek Reserve	143	Drysdale Ave		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Boddy's Creek Reserve	2	Drysdale Ave		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Fawcett Rivulet Trail Reserve.		Summerleas Rd		Local - Township	Linear and Linkage	Trail
Kingston	Picket Hill Track?		Cades Dr		Local - Township	Linear and Linkage	Trail
Kingston	Proctors Rd Trail Reserve		Proctors Rd		Local - Township	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston	Mt Pleasant track		Mount Pleasant Rd		Local - Township	Linear and Linkage	Trail
Kingston	Mt Pleasant track	103	Mount Pleasant Rd		Local - Township	Linear and Linkage	Trail
Kingston	Whitewater Creek Track	Lot 302	Brook Way		Local - Urban	Linear and Linkage	Trail
Kingston		66	Baynton Street		Local - Urban	Landscape and Amenity	Visual Amenity
Kingston	Thornbill Street Reserve	58	Kingfisher St		Local - Urban	Parks	Play
Kingston		Lot 2	Browns Rd		Local - Urban	Landscape and Amenity	Visual Amenity
Kingston	Mt Pleasant track	Lot 2	Mount Pleasant Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Kingborough Council Depot	182	Channel Hwy		District	Utilities and Services	Other Utility Function
Kingston	Boronia Hill Reserve	Lot 2	Baynton Street		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Whitewater Creek Track	Lot 1	Channel Hwy		Local - Urban	Linear and Linkage	Trail
Kingston	Picket Hill Track		Jacobsons Place		Local - Township	Linear and Linkage	Trail
Kingston	Parking	Lot 1	Denison St		Local - Urban	Utilities and Services	Other Utility Function
Kingston	Kingston CBD Carpark?	3	John St		Local - Urban	Utilities and Services	Other Utility Function
Kingston	Kingborough Sports Centre and Twin Ovals complex	10	Kingston View Drive		State	Outdoor Sports Venues	Sport

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston	Wetlands	2	Channel Hwy		District	Utilities and Services	Conservation/Flora /Fauna
Kingston	Vacant land		Summerleas Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Picket Hill Track		Cades Dr		Local - Township	Linear and Linkage	Trail
Kingston		27	Hawthorn Dr		Local - Urban	Parks	Play
Kingston		Lot 200	Algona Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston		363	Algona Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Youth centre plus leased real estate business.	98	Beach Rd		Local - Urban	Utilities and Services	Other Utility Function
Kingston	Vacant Land	108-118	Browns Rd		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Campbell St Playground	37	Campbell St		Local - Urban	Parks	Play
Kingston	Vacant Land	626	Channel Hwy		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Kingborough Council Chambers/Offices	15	Channel Hwy		District	Utilities and Services	Other Utility Function
Kingston	Vacant Land	23	Dollery Drive		Local - Urban	Parks	
Kingston	Vacant Land		Leslie Rd		Local - Township	Utilities and Services	Other Utility Function
Kingston	Denison St Nature Reserve.	16	Sherburd Street		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Rd Reserve		Summerleas Rd		Local - Township	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston	Bush Block	130	Summer leas Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Boronia Hill Flora reserve	34	Dorset Dr		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Kingston	Access to Boronia Hill?		Serre Rd		Local - Urban	Linear and Linkage	Trail
Kingston	Kingborough sports centre carpark above centre	51	Kingston View Drive		Sub Regional	Landscape and Amenity	Other Utility Function
Kingston	Willow Ave Park	447	Hawthorn Dr		Local - Urban	Parks	Trail
Kingston		288	Redwood Rd		Local - Urban	Landscape and Amenity	Conservation/Flora /Fauna
Kingston	Kingborough Senior Citizens Club	35	Redwood Rd		District	Utilities and Services	Other Utility Function
Kingston		413	Ash Dr		Local - Urban	Parks	Visual Amenity
Kingston		397	Hawthorn Dr		Local - Urban	Parks	Play
Kingston	Vacant land	25	Wattle St		Local - Urban	Parks	Visual Amenity
Kingston		4338	Redwood Rd		Local - Urban	Parks	Trail
Kingston		4193	Redwood Rd		Local - Urban	Parks	Trail
Kingston		4369	Redwood Rd		Local - Urban	Parks	Trail
Kingston	Picket Hill Track		Hackford Drive		Local - Township	Linear and Linkage	Trail
Kingston		419	Waratah Street		Local - Urban	Parks	Trail
Kingston	Kingston High School site- Kingston Park	42	Channel Hwy		Sub Regional	Parks	Other Utility Function
Kingston			Algona Rd		Local - Urban	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston		17	John St		Local - Urban	Proposed Open Space	Other Utility Function
Kingston		98	Foly Rd		Local - Urban	Linear and Linkage	Trail
Kingston		101	Groningen Rd		Local - Urban	Linear and Linkage	Trail
Kingston		12	Yarraman Drive		Local - Urban	Utilities and Services	Other Utility Function
Kingston	Building leased to Real estate.		98 Beach Rd		Local - Urban	Utilities and Services	Other Utility Function
Kingston Beach	Donohue Gardens Playground	13	Donohoe Gardens		Local - Urban	Parks	Play
Kingston Beach	Boronia Beach Track		Roslyn Ave		Local - Urban	Linear and Linkage	Trail
Kingston Beach	Boronia Beach Track	Lot 1	Kingston Heights		Local - Urban	Linear and Linkage	Trail
Kingston Beach	Kingston Beach Oval	20	Beach Rd		Local - Urban	Outdoor Sports Venues	Sport
Kingston Beach		9A	Donohoe Gardens		Local - Urban	Parks	Play
Kingston Beach	Boronia Hills Flora Track (connection from Heath Court)		Heath Ct		Local - Urban	Linear and Linkage	Trail
Kingston Beach	Vacant Land	9	Albert St		Local - Urban	Utilities and Services	Other Utility Function
Kingston Beach	Kingston Beach carpark (adjacent to physio/pub)	14	Beach Rd		Local - Urban	Utilities and Services	Other Utility Function
Kingston Beach	Kingston Beach Toilet Block	25A	Osborne Esplanade		District	Utilities and Services	Other Utility Function
Kingston Beach	Mt Royal Reserve	18	Nicholas Dr		Local - Urban	Parks	Play

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Kingston Beach	Breakwater and boat ramp		Osbourne Esplanade		Local - Urban	Utilities and Services	Other Utility Function
Kingston Beach	Kingston Surf Lifesaving Club		Osbourne Esplanade		Local - Township	Sport	Other Utility Function
Kingston Beach	Balmoral park/playground	40	Balmoral Rd		Local - Urban	Parks	Play
Kington Beach		6 to 26	Balmoral Rd		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna
Leslie Vale	Leslie Vale Track		Huon Hwy		Local - Township	Linear and Linkage	Trail
Leslie Vale	Picket Hill Track (potential link to Jacobsen Pl)		Parkdale Dr		Local - Township	Linear and Linkage	Trail
Leslie Vale	McKenzie Rd Trail reserve.		McKenzies Rd		Local - Urban	Linear and Linkage	Trail
Leslie Vale	Picket Hill Track?	25	Parkdale Dr		Local - Township	Linear and Linkage	Trail
Leslie Vale			Huon Rd		Local - Township	Linear and Linkage	Trail
Leslie Vale	Old Leslie Vale Oval and community hall	550	Leslie Rd		Local - Township	Parks	Conservation/Flora /Fauna
Leslie Vale			Leslie Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Longley	Carpark opposite the hotel	1	Huon Rd		Local - Township	Utilities and Services	Other Utility Function
Longley	Longley Reserve.	616	Huon Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Longley			Huon Rd		Local - Township	Parks	play

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Longley	Longley waterhole and old oval		Huon Rd		Local - Township	Foreshore and Waterway	Conservation/Flora /Fauna
Lower Longley	Lower Longley Hall	9	Hovingtons Rd		Local - Township	Utilities and Services	Other Utility Function
Lower Longley	Old Quarry Site		Krauses Rd		Local - Township	Conservation and Heritage	Other Utility Function
Lower Snug			Old Station Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Lower Snug		Lot 200	Old Station Rd		Local - Township	Utilities and Services	Visual Amenity
Lower Snug	Waldies Drive Trail reserve		Waldie Drive		Local - Township	Linear and Linkage	Trail
Lunawanna		185	Cemetery Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Lunawanna	Cemetery Rd foreshore reserve		Cemetery Rd		Local - Township	Landscape and Amenity	Conservation/Flora /Fauna
Lunawanna		169	Cemetery Rd		Local - Township	Utilities and Services	Cemetery/Memorial
Lunawanna	Lunawanna Jetty		Bruny Island Main Rd		Local - Township	Utilities and Services	Other Utility Function
Lunawanna	Boat ramp		Grundys Rd		Local - Township	Utilities and Services	Other Utility Function
Margate	Nierinna Creek Track	Lot 101	Cuthberts Rd		Local - Urban	Linear and Linkage	Trail
Margate			Esplanade				
Margate	Nierinna Creek Track	18	Nierinna Rd		Local - Township	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Margate	Nierinna Creek Track	19	Nierinna Rd		Local - Township	Linear and Linkage	Trail
Margate	Tramway Hill Reserve		Tabors Rd		Local - Township	Linear and Linkage	Trail
Margate	Harts Hill Track	8	Frosts Rd		Local - Township	Linear and Linkage	Trail
Margate	North West Bay river (proposed track)	226	Miandetta Drive		Local - Urban	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Nierinna Rd		Local - Township	Linear and Linkage	Trail
Margate			Riverdowns Drive		Local - Urban	Linear and Linkage	Trail
Margate	Nierinna Creek Track	16	Nierinna Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track		Sandfly Rd		Local - Urban	Linear and Linkage	Trail
Margate	NW Bay Cemetery		Sandfly Rd		Local - Urban	Conservation and Heritage	Cemetery/Memorial
Margate	Margate Tramway Track	12 to 14	Van Morey Rd		Local - Urban	Linear and Linkage	Trail
Margate		1	Nierinna Rd		Local - Township	Landscape and Amenity	Other Utility Function
Margate	Nierinna Creek Track		Lawless Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track		Rollins Rd		Local - Urban	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Margate	Margate Rivulet Track		Rollins Rd		Local - Urban	Linear and Linkage	Trail
Margate	Near Dave Burrows Walk	3	Derwent Ave		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Margate	Margate Rivulet Track		Sandfly Rd		Local - Urban	Linear and Linkage	Trail
Margate	Margate Rivulet Track		Channel Hwy		Local - Urban	Linear and Linkage	Trail
Margate	Part of Harts Hill Track	Lot 2	Frosts Rd		Local - Township	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Cuthberts Rd		Local - Township	Linear and Linkage	Trail
Margate	Same as above		Cuthberts Rd		Local - Township	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Nierinna Rd		Local - Township	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Nierinna Rd		Local - Township	Linear and Linkage	Trail
Margate	Chandlers Reserve		Chandlers Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Margate			Blackwood Gr		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Margate	Dru Point Trail	99	Beach Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track		Rollins Rd		Local - Township	linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Margate	Margate Rivulet Track		Dayspring Dr		Local - Township	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Burnaby Dr		Local - Township	Linear and Linkage	Trail
Margate	Nierinna Creek Track		Burnaby Dr		Local - Township	Linear and Linkage	Trail
Margate			Old Bernies Rd		Local - Township	Linear and Linkage	Trail
Margate	Old Bernies Rd Trail reserve		Old Bernies Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track	Lot 202	Rollins Rd		Local - Urban	Linear and Linkage	Trail
Margate	Nierinna Creek Track	Lot 7	Sandfly Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track	17	Van Morey Rd		Local - Township	Linear and Linkage	Trail
Margate	Margate Rivulet Track		Brook Lane		Local - Urban	Linear and Linkage	Trail
Margate	Margate Rivulet Track	Lot 100	Chandlers Rd		Local - Township	Linear and Linkage	Trail
Margate	Incan Playground?	48	Incana Rd		Local - Urban	Parks	Play
Margate	Dru Point	10	Esplanade		Sub Regional	Parks	Play
Margate	North West River trail	Lot 10	Channel Hwy		Local - Township	Linear and Linkage	Trail
Margate	North West River trail	1520	Channel Hwy		Local - Township	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Margate	Margate Hall and carpark	1744	Channel Hwy		Local - Urban	Utilities and Services	Other Utility Function
Margate	Channel Heritage Centre	1755	Channel Hwy		Sub Regional	Utilities and Services	Other Utility Function
Margate	Vacant Land	31	Gemalla Rd		Local - Urban	Proposed Open Space	Visual Amenity
Margate			McGowans Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Margate		270	Sandfly Rd		Local - Township	Utilities and Services	Other Utility Function
Margate	NW Bay Cemetery	90	Sandfly Rd		Local - Urban	Conservation and Heritage	Cemetery/Memorial
Margate	Margate War Memorial Sports Ground		Van Morey Rd		Local - Urban	Outdoor Sports Venues	Sport
Margate			Blue Gate Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Margate		10	Bundalla Rd		Local - Urban	Linear and Linkage	Trail
Margate	Nierinna Creek Track	73	Lawless Rd		Local - Township	Linear and Linkage	Trail
Margate	Banjos carpark	1719	Channel Hwy		Local - Urban	Utilities and Services	Other Utility Function
Margate		13	Miandetta Rd		Local - Township	Linear and Linkage	Trail
Margate			Esplanade		Local - Urban	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Margate	Dru Point Jetty & boat ramp		Esplanade		Local - Township	Utilities and Services	Other Utility Function
Margate	Dave Burrows Walk		Gemalla Rd		Local - Urban	Linear and Linkage	Trail
Middleton	Middleton Hall-Tennis court	21	McDowall St		Local - Township	Utilities and Services	Other Utility Function
Middleton	Cemetery (Middleton)	32	Sunny Banks Rd		Local - Township	Utilities and Services	Cemetery/Memorial
Middleton	Vacant land		Esplanade Rd		Local - Township	Foreshore and Waterway	No Identified Function
Middleton	Old Quarry Site		Risby Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Middleton			Esplanade Rd		Local - Township	Utilities and Services	Other Utility Function
Neika		20	Jindalee Drive		Local - Township	Linear and Linkage	Trail
Neika	Landlocked property		Morphetts Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Neika			Morphetts Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Neika	North West Bay Track		Betts Rd		Local - Township	Linear and Linkage	Trail
North Bruny	Old Quarry Site	2	Bruny Island Main Rd		Local - Township	Utilities and Services	Other Utility Function
North Bruny	Bruny CWA Hall	678	Bruny Island Main Rd		Local - Township	Parks	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
North Bruny	North Bruny Waste Transfer Station	874	Bruny Island Main Rd		District	Utilities and Services	Other Utility Function
Oyster Cove	Manuka Hills Track	71	Warremar Way		Local - Township	Linear and Linkage	Trail
Oyster Cove	Old quarry		Manuka Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Oyster Cove	Manuka Hills Track	Lot 1	Mathinna Rd		Local - Township	Linear and Linkage	Trail
Oyster Cove	Ayers Rd Reserve		Nicholls Rivulet Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Oyster Cove			Impara Drive		Local - Township	Linear and Linkage	Trail
Oyster Cove	Oyster Cove Bay Reserve.		Manuka Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Oyster Cove	Manuka Hills Track connection		Mathinna Rd		Local - Township	Linear and Linkage	Trail
Oyster Cove	Old Quarry Site		Channel Hwy		Local - Township	Utilities and Services	Other Utility Function
Oyster Cove	Part of the Mankua Hills Track		Balleny Drive		Local - Township	Linear and Linkage	Trail
Sandfly		102	Riversdale Rd		Local - Township	Linear and Linkage	Trail
Sandfly	North West Bay River track from oval	730	Sandfly Rd		Local - Township	Linear and Linkage	Trail
Sandfly	Cooke Rivulet parcel		Pelverata Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Sandfly		5	Sandfly Rd		Local - Township	Linear and Linkage	Trail
Sandfly	Sandfly hall	811	Sandfly Rd		Local - Township	Utilities and Services	Other Utility Function
Sandfly	Sandfly Oval	770	Sandfly Rd		Local - Township	Outdoor Sports Venues	Sport
Snug	Snug River Track		Channel Hwy		Local - Township	Linear and Linkage	Trail
Snug	Bush Block-		Snug Falls Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Snug	Snug River track		Beach Rd		Local - Township	Linear and Linkage	Trail
Snug			Jarvis Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Snug	Vacant Land		Snug Tiers Rd		Local - Township	Proposed Open Space	No Identified Function
Snug			Snug Falls Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Snug	Snug River Track		Jarvis Rd		Local - Urban	Linear and Linkage	Trail
Snug	Snug River Track	Lot 101	Snug Tiers Rd		Local - Urban	Linear and Linkage	Trail
Snug	Snug River Track		Channel Hwy		Local - Urban	Linear and Linkage	Trail
Snug		2154	Channel Hwy		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Snug		108-118	Sunsail Street		Local - Urban	Parks	No Identified Function
Snug			Channel Hwy		Local - Township	Utilities and Services	Other Utility Function
Snug	Snug Falls State Rec Area		Snug Falls Rd		State	Conservation and Heritage	Conservation/Flora /Fauna
Snug	Snug Oval and Scout building	64	Beach Rd		Local - Township	Outdoor Sports Venues	Sport
Snug	Boat Ramp		Esplanade		Local - Urban	Utilities and Services	Other Utility Function
Snug	Snug Hall and Playground		62 Beach Rd		Local - Urban	Utilities and Services	Play
Snug	Foreshore carpark and tennis court- beach access		37 Beach Rd		Local - Urban	Utilities and Services	Other Utility Function
South Bruny		620	Lighthouse Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Taroona	Taroona Foreshore Trail		Utiekah Drive		Local - Urban	Linear and Linkage	Trail
Taroona	Taroona Foreshore Trail		Flinders Esplanade		Local - Urban	Linear and Linkage	Trail
Taroona	Bush Block	81	Channel Hwy		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Taroona	Taroona Foreshore Track		Grange Ave		Local - Urban	Linear and Linkage	Trail
Taroona	Taroona Foreshore Track		Illawong Crescent		Local - Urban	Linear and Linkage	Trail

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Taroona			Channel Hwy		Local - Urban	Foreshore and Waterway	Conservation/Flora /Fauna
Taroona	Alum Cliffs Track	41A	Channel Hwy		District	Linear and Linkage	Trail
Taroona	Taroona Foreshore Track	18	Seaview Av		Local - Urban	Linear and Linkage	Trail
Taroona	Taroona Foreshore Track	Lot 45	Norwood Av		Local - Urban	Linear and Linkage	Trail
Taroona	Alum Cliffs Track connection to shot tower	Lot 1	Channel Hwy		District	Linear and Linkage	Trail
Taroona			Atunga Street		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Taroona	Vacant Land	110	Channel Hwy		Local - Urban	Proposed Open Space	No Identified Function
Taroona	Vacant land	195A	Channel Hwy		Local - Urban	Parks	Visual Amenity
Taroona	Delta Ave Reserve.	14	Delta Ave		Local - Urban	Parks	Play
Taroona	Louise Hinsby Reserve	19	Jenkins St		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Taroona	Kelvedon Oval	34	Nubeena Court		Local - Urban	Outdoor Sports Venues	Sport
Taroona	Taroona Park	32	Nubeena Crescent		District	Parks	Play
Taroona		5016	Chanel Hwy		Local - Urban	Conservation and Heritage	Conservation/Flora /Fauna
Taroona	Hinsby Beach walking track				Local - Township	Linear and Linkage	Trail
Taroona	Boat Ramp		Nubeena Crescent		Local - Township	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Tinderbox	Tinderbox Foreshore reserve	24	Fergusson Ave		District	Utilities and Services	Play
Tinderbox	Mt Louis track		Mount Louis Rd		Local - Township	Linear and Linkage	Trail
Tinderbox	Tinderbox Hills Track	1	Tinderbox Rd		Local - Township	Linear and Linkage	Trail
Tinderbox	Piersons Point Reserve	310-316	Tinderbox Rd		Local - Township	Parks	Sport
Tinderbox	Maybe old Signal Station	275	Tinderbox Rd		Local - Township	Conservation and Heritage	Conservation/Flora /Fauna
Tinderbox		507	Tinderbox Rd		Local - Township	Linear and Linkage	Trail
Tinderbox			Fergusson Ave		Local - Township	Foreshore and Waterway	Other Utility Function
Woodbridge	Woodbridge Oval	35	Woodbridge Hill Rd		Local - Township	Outdoor Sports Venues	Sport
Woodbridge	Silverwater Park	3473	Channel Hwy		Local - Township	Parks	Play
Woodbridge	Woodbridge Town hall	3445	Channel Hwy		Local - Township	Utilities and Services	Other Utility Function
Woodbridge	Cemetery (Woodbridge)	3470	Channel Hwy		Local - Township	Utilities and Services	Cemetery/Memorial
Woodbridge	Woodbridge Fire Station	7	Granquist Rd		Local - Township	Utilities and Services	Other Utility Function
Woodbridge	Quarry?		Llantwit Rd		Local - Township	Utilities and Services	Other Utility Function

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Town/Suburb	Name	No.	Address	Area (m2)	Hierarchy classification	Classification	Functional classification
Woodbridge	Masons Creek reserve	8	Weedings Way		Local - Township	Foreshore and Waterway	Conservation/Flora /Fauna
Woodbridge	West Winds	3528	Channel Hwy		Local - Township	Utilities and Services	Other Utility Function

In addition to the above, there are 244 small trails, vacant properties, reserves etc. which are within Council's control.

Appendix 2. Features of Open Space to Deliver

Open space provision is dependent on the characteristics of open space as found in the inherent qualities of the site and the built assets/forms contained.

The following characteristics are to be used as the measurable when assessing open space acquisition and need. Also included is the relative importance of these qualities.

2.1 Environmental values

Open space should fulfil multiple urban functions such as amenity, biodiversity enhancement, flood mitigation and carbon sequestration. Open space can play a role in management of environmental change due to climate change (i.e. open space may play a role in landscape buffering of storm surge impacts or flood mitigation in riparian environments).

Land acquired by Council for environmental values will be considered for open space contribution if

- The environmental values (such as flood mitigation) will not be compromised by its use as open space or the environmental values will be protected with the inclusion of infrastructure (i.e. defined pathways, raised board walk, open balustrading to define path). If possible, land that can combine both environmental protection with other benefits to the open space network such as trail connectivity, visual amenity or park provision should be considered over environmental only parcels.
- The land meets the site quality requirements for open space

2.2 Site qualities

To regulate and manage the existing and proposed sites within the open space network, the site quality standards below are a quality control system to ensure that public assets or infrastructure when delivered is of a high quality.

These standards are specifically tailored to ensure that in the case of a land contribution given for 5% open space contribution, prior to the acceptance of the open space, it is assessed as fit for service, safe and will not become an unacceptable maintenance liability for the rate payers and community at large.

If there is a gap in provision for a certain type and size of open space, land dedication in the should be accepted. If there is no gap in provision based on this strategy or other Council open space related strategies, then a financial contribution should be taken to be used to improve both local and broader community open spaces and facilities provision.

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

The following site qualities are to be considered to determine the appropriateness of open space for contribution at all levels in the open space hierarchy.

Site quality	Description	Desirable standards
Encumbered Land	<p>Encumbered land is land that is constrained for development purposes. It includes easements for power lines, sewer, gas, waterways/drainage, retarding basins/wetland, landfill. Some encumbered land will be suitable for open space and this will be taken into account- (refer to the requirements for environmental values at Section 1.1).</p> <p>Land that is reserved to mitigate flood events and the effects of storm water should be encouraged to have a dual function as open space and be designed to increase levels of amenity (i.e. Water Sensitive Urban Design approaches). However, an encumbered status means the land cannot count in full as open space provision.</p>	N/A

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site quality	Description	Desirable standards
Interconnectedness and accessibility	<p>Inter connectedness and accessibility is recognised as an important landscape characteristic at all levels of planning strategy and is widely recognised as a key feature to enhance health and liveability.</p> <p>The Heart Foundations document ‘Healthy by Design’ says, ‘a well-planned network of walking and cycling routes allows people to travel safely and with ease, whether on foot or bike. Council has an endorsed Kingborough Tracks and Trails Strategy 2017 which identifies trail projects and needs in a prioritised way. Consultation should always be made with relevant staff in Recreation when considering the need for a trail parcel as an open space contribution as there may often be the need for another kind of provision that has a higher priority in a certain area.</p>	<ul style="list-style-type: none"> - The space is not ‘stand-alone’, it is connected or has the ability to be connected in the future to non-car based network (pedestrian, cycle, horse). - Should be accepted in conjunction with appropriate input from Council recreation and open space staff and be part of a prioritised trail project.
Site area	<p>Site area minimum for the smallest open space type is 0.5ha and higher (at least 1ha) for other open spaces to ensure flexibility of the space and the ability for the space to be an active space. Site area needs to meet the intended use of the site.</p>	<ul style="list-style-type: none"> - Local parks greater than 0.5 ha unless adjacent and accessible to existing open space. - Open space to be larger (at least 1ha) in the other hierarchy areas or to be able to meet the intended use of the future space.

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site quality	Description	Desirable standards
Slope/Gradient	The gradient of site is an important element in site's usability. If a site gradient is too steep, use of the site will be restricted without heavy investment in paths and retaining walls and maintenance will be more expensive. Some sloping sites may be usable for specific purposes. Expert advice to be sought prior to accepting land as suitable land may be lost if adherence to this quality is too restrictive (such as trail connections or environmental land).	<ul style="list-style-type: none"> - less than 15%. - Flat areas provided or capable on otherwise sloped sites (engineering assessment required).
Existing surface features	<p>The site's natural or existing ground scape is relevant to its suitability for open space use.</p> <p>Excessively rocky, or boggy ground types will require further investment of infrastructure to make useable open space and or difficulties in maintenance. A variety in the terrain is important to provide and uniform surface treatment is to be avoided.</p>	<ul style="list-style-type: none"> - natural landscapes should not require mowing, rock and boulders present, free of weeds. - areas of mow able grass surface or the possibility of establishing such. - the soil is of a type to allow for ready drainage. - A variety in the terrain. - Most importantly, the surface features are to be suitable for the intended purpose. A 'nature play' playground may benefit from exposed large rocks and boulders while an active play area would not. - Very important to consult with experienced professionals as to the suitability of surface features.

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site quality	Description	Desirable standards
Aspect	Access to sun, in particular winter sun, is very important in open space. The Kingborough Interim Planning Scheme 2015 has a metric used extensively based on calculations of sufficient solar access specific to our latitude and as such are deemed to be sound figures to use for establishing desirable aspect.	<ul style="list-style-type: none"> - faces between 30 degrees west of north and 30 degrees east of north (for sloping land). - 50% of the open space to receive no less than 3 hours of sunlight between 9.00 am and 3.00 pm on 21st June. - Be suitable for the intended use of the future public space to be provided on the site as some uses may not require the above elements to make it suitable for the intended use.
Views	Kingborough is hilly and mountainous with extensive natural landscapes and a long coastline. It is a recipe for view making and the value of view is recognised as having the ability to create pleasing places to be. However, this needs to be balanced with the need to provide shade and amenity with trees and the value of vegetation 'framing' views needs to be emphasised to avoid the sense that views would be prioritised over vegetation.	<ul style="list-style-type: none"> - Water, mountains or natural features. - Sites with no external views need an emphasis on detailed internal planting to create internal views. - Sites with views still need to provide ground elements and trees to promote a sense of place and shade in summer.

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site quality	Description	Desirable standards
Location in relation to roads	<p>Location in relation to roads will depend on the classification of the open space and the category of roads and intensity of traffic.</p> <p>The majority of open spaces require road frontages for access, connectivity and the improved access for the community and the ability for community passive surveillance of the open space.</p> <p>Sites located near main roads need to provide planting creating a sense of refuge, keeping in mind principles of CPTED (Crime Prevention through Environmental Design).</p>	<ul style="list-style-type: none"> - Any open space near highways (Category 1, 2 and 3 roads) will require a large buffer of space and vegetation. - Local open space in General Residential Areas not on main roads. - Local open space in other residential Zones and townships may be on a main road but ensure some screening vegetation/ sense of space is achieved. - Ensure that park spaces (especially for play, trail and sport) have good street frontages for improved passive surveillance, accessibility and connectivity.
Location in relation to dwellings	<p>Location of open space in relation to dwellings has implications for passive surveillance, sense of community and overall usability of a space.</p> <p>At least half of the boundaries of the open space in residential areas should have residential frontages.</p>	<ul style="list-style-type: none"> - A combination of facing and side orientation of dwellings. - Refer to the CPTED requirements below.

2.3 Site assets

Site asset	Description	Desirable standards
Play value	<p>‘Play is vital for a child’s social, emotional and physical development. The provision of public play spaces is a highly valued local government service. These spaces provide not only play opportunities for children but they are important social meeting places which contribute to community wellbeing.</p> <p>Part 3 of the Kingborough Open Space Study begins to identify gaps in provision, and Part 5 identifies potential, specific improvements to numerous play spaces. The Study refers to the Draft Kingborough Play Space and Playground Strategy in the development of these actions. However, it is noted that this strategy recognises that play equipment is not the only element in the provision of play. A lot of important play value is gained from natural landscape elements (such as boulders, stepping stones, planting, loose ground materials, small trees/shrubs, small hills) which can be cheaper to install. These elements should be recognised as a measurable ‘asset’ as they are important in providing for physical and non-physical play.</p>	<ul style="list-style-type: none"> - The level of provision of play will relate to the open space hierarchy. - Local Urban parks will have play provision for younger children – emphasis on natural play elements - Local Township parks will have provision for younger and older children - District play spaces will generally offer a variety of play opportunities - Sub-Municipal play spaces will generally offer a wide variety of play opportunities and catering to all abilities - Regional play spaces will generally offer a wide variety of play opportunities and catering to all abilities - Consultation with Councils Urban planner and other relevant staff is required in determining the suitability of a site as an open space contribution for play.

Site asset	Description	Desirable standards
Built Surface finish	<p>The site's surfaces are relevant to its suitability for POS use. A variety of mown, loose materials and planted areas are required to create a diverse and interesting environment catering for natural values, site usability, play potential and general interest and amenity. This can be achieved through existing conditions on the site or careful site design by an appropriate professional.</p> <p>Presence of mow-able grass areas provide for passive and active (such as kick to kick) recreation opportunities but should not dominate the space and should be avoided as the 'default' surface. Planning should identify how much of the space is required to become a mow able grass surface as often grass is mown by staff when there is little benefit to the community for this work.</p>	<ul style="list-style-type: none"> - natural landscapes should not require mowing, rock and boulders present, free of weeds or - garden areas - areas of mow-able grass surface or the possibility of establishing such - variety in the terrain is important to provide and uniform surface treatment is to be avoided this needs
Shade	<p>Shade provision in Tasmania has different climatic factors affecting it to the mainland, (low sunlight hours in the winter with some lack of vitamin D in the community and high UV levels in the summer), also there is perhaps some perceived conflict with the issue of access to beautiful views in Kingborough.</p>	<ul style="list-style-type: none"> - Provide natural shade (trees) or structured shelter - to cater for sitting meeting and talking and - to provide protection from weather extremes.
Seating	<p>Seating is important in creating a sense of (minor) destination, providing for rest for everyone but of particular importance for and inclusive of elderly and disabled people and creating opportunities for social interaction and places for independent relaxation.</p>	<ul style="list-style-type: none"> - At least two locations of seating provision providing for <ul style="list-style-type: none"> o social interaction o solitary seating

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site asset	Description	Desirable standards
Signage	The Heart Foundations 'Healthy by Design' suggests that you should achieve clear and safe connections through signage, landscaping, lighting and edge treatments. 'Clearly define walking and cycling routes that pass through open spaces and incorporate these routes that pass through open spaces and incorporate these routes into the broader walking and cycling network.	<ul style="list-style-type: none">- Signage of any special site features- Signage of any connection to the open space network- Utilise and continually update the Kingborough Signage Strategy to ensure consistency in signage
Planting and vegetation	<p>Planting and vegetation create the ambience and supports the delivery of key aspects of the mental, physical and social benefits of open space by creating an environment where people can get direct access to the living natural world.</p> <p>The planting and vegetation in an open space needs to be in good health and well maintained and safe to the community. Plantings should be appropriately selected to meet standards of CPTED, natural diversity, low water use and general benefits of high amenity.</p>	<ul style="list-style-type: none">- Existing vegetation is well maintained, weed free- Planting is diverse and follows councils suggested Kingborough Plant Species List unless being maintained as a garden- Planting meets the standards of CPTED- In areas of existing natural vegetation, protection and management maybe the only required intervention.

Kingborough Open Space Study & Strategy 2019

Part 4 – Appendices

Site asset	Description	Desirable standards
Crime Prevention Through Environmental Design (CPTED)	The CPTED design principles improve natural surveillance, accessibility, public safety and improve the use and enjoyment of facilities and spaces.	<ul style="list-style-type: none"> - Use low walls or transparent fencing along street frontages and open space. - Design residential dwellings to overlook Open space. This avoids fencing facing onto parks. - Design side fencing to achieve a balance between privacy and visual connection to the public realm. - Design Open spaces so that they are safe and perceived as such by providing lighting in areas intended for night use and or areas where pedestrians are expected after dark. - Planting in public spaces should not obscure views along paths and streets, or to entrances and should not create secluded, hiding areas.
Dog exercise	<p>Use of Open space for Dogs has many benefits for their humans including, physical and mental health and building positive social capital.</p> <p>Provision for dog exercise is detailed in the Draft Kingborough Dog Management Policy.</p>	
Toilet Provision	Toilet provision is detailed in the Kingborough Public Toilet Strategy. This strategy identifies a need for toilets for open space and also discusses future improvements and decisions related to future provision within the public domain. Toilet provision should be considered in new or improvements of District, Sub-Regional and State parks and open spaces.	

Appendix 3. Open space maps – catchment type

Appendix 4. Open space maps – setting and function type