

WARRINGAH COUNCIL



Generic Parks Plan of Management

November 2008



**Warringah
Council**

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1. Introduction

1.1 What is a Plan of Management?

Parks and open space are important aspects of community life. They provide recreational, social, physical and aesthetic qualities which are valued and appreciated by community members. While larger parks provide facilities and specific values across a district or region, smaller parks are often valued for their accessibility and opportunities for social and recreational interaction within the local community. This Plan of Management focuses on smaller parks within a local community.

Warringah Council prepares Plans of Management (PoM) to facilitate a coordinated approach to open space planning and management. Open space includes both "Community Land" (Council owned land) and "Crown Land" (where Council is the Trust Manager or has care, control and management over the land).

The use, development and management of Community Land is governed by the *Local Government Act 1993* and for Crown Land, by the *Crown Lands Act 1989*. PoMs are prepared to fulfil the requirements of the legislation and guide current and future management of the land.

PoMs may cover specific areas or are generic in nature. Specific area PoMs relate to lands which have significant features or unique or multiple functions (e.g. lands providing habitat for threatened species or large areas of open space providing both passive and active recreational opportunities and facilities). Generic PoMs cover lands which may be geographically separated and/or have the same or similar values or functions, such as parks and reserves, sport grounds or bushland.

This Plan of Management is a generic PoM relevant mainly to neighbourhood and local parks.

1.2 What are the aims of this Plan?

This PoM aims to provide a clear, concise and practical outline for the management of district, neighbourhood and local parks within Warringah. It also contributes to Council's broader strategic goals and vision as set out in the '*Living Warringah*' - *Strategic Plan* (2005). The PoM uses a values-based approach to land planning and management with the aim of protecting and enhancing community values for the land now and in the future.

1.3 Land covered by this Plan of Management

The Warringah Local Government Area (LGA) is located on Sydney's northern beaches. It covers 153 km² and includes parts of Ku-ring-gai Chase and Garigal National Parks. Excluding the national parks, open space within Warringah covers 15.9 km² or 1,590 ha (approximately 10%) and includes bushland, beach and lagoon reserves, sports fields and parklands. This percentage is similar to Pittwater Council, which has 9% or 600 hectares of open space as developed parks¹.

A total of 203 smaller scale parks are covered by this Generic PoM. Larger parks, bushland areas and playgrounds are managed through other



Edgar Cornell Wildflower Garden, Collaroy

planning mechanisms (e.g. the Playground Strategy 2007).

Appendix A provides an overview of all parks covered by this PoM. The appendix details park names, hierarchy, legal descriptions, ownership, reserve category or purpose, and associated identifiers in Council's land register.

1.4 Park Descriptions - Uses and Facilities

Council categorises parks and sportsgrounds, in accordance with particular hierarchies. This helps to establish organisational priorities for the provision of assets and services, identify management regimes, and to inform decisions when upgrading or developing parks. Typical level of use, recreational catchments, facilities and recreational opportunities associated with each park hierarchy are described in **Table 1**.

¹ Pittwater Council, *Parks and Playgrounds Plan of Management 2007*

Table 1: Park Hierarchy Definitions

Park Hierarchy	Definition	Number of parks covered by this PoM
Local	Small area of open space providing visual amenity more than recreational opportunities. May only have minor facilities such as seating provided.	68
Neighbourhood	Receives an intermittent, low level of use for a highly localised catchment within walking distance of residences and primarily provides for informal activities with some structured play opportunities. They have minimal development and may include play equipment, fencing, seating, and other minor associated built features.	132
District	Moderate level of use, servicing residents within the suburb and visitors from neighbouring suburbs. They are more developed with landscaping, barbecues, playgrounds, toilets and other associated built facilities. Cater for a mix of informal and formal recreation. (District parks are mostly covered by other specific PoMs)	3
Regional	Has a catchment that extends beyond Warringah's boundaries. Services the local community as well as all Warringah residents and visitors predominantly from adjoining LGAs. They are extensively developed with a full range of facilities and are maintained to a high standard. (Covered by other specific PoMs)	0
Total		203

The vast majority of parks (200 out of 203) covered by this PoM are local or neighbourhood parks that primarily cater for surrounding residents who live within a short walking distance (e.g. ten minutes) of the park. These parks provide small areas of open space, opportunities for less structured recreation, and enhance the overall amenity of the urban area.

District and regional parks are generally covered by specific area PoMs. These parks are larger in size, provide a higher level of facilities, and often have more complex usage patterns than local or neighbourhood parks.

Sportsgrounds and playgrounds are categorised in accordance with hierarchies identified in the *Sportsground Plan of Management* (2007) and the *Playground Strategy* (2007) respectively. The *Playground Strategy* outlines a framework for the future planning and management of playgrounds in Warringah and largely informs this Plan of Management in terms of identifying management practices, actions and priorities for playgrounds located in specific parks.

An overview of the number of parks per suburb is provided in **Table 2**. Some suburbs are presented jointly to correspond with population forecast data (see **Table 6**, Section 2.4).

Note this table focuses quite narrowly on parks. When considering demand and supply of parks in an area (see **Section 2**), Council will also take into consideration other open space areas that provide a level of recreational value (e.g. small bush parcels or rock platforms) and hence may be potential locations for minor local park facility provision (e.g. seating).

Table 2: Number of parks per suburb covered by this PoM

Suburb	Total Number of Parks	Local	Neighbourhood	District
Allambie/Allambie Heights	10	2	8	0
Beacon Hill	13	4	9	0
Belrose/ Oxford Falls	30 (28/2)	12 (11/1)	18 (17/1)	0
Brookvale	1	0	1	0
Collaroy	10	6	4	0
Cromer	10	3	7	0
Curl Curl	3	2	1	0
Davidson	8	3	5	0
Dee Why	10	4	6	0
Forestville	20	4	16	0
Frenchs Forest	37	16	21	0
Harbord/ North Manly	11 (6/5)	3 (3/0)	6 (2/4)	2 (1/1)
Killarney Heights	11	2	9	0
Manly Vale	5	4	1	0
Narrabeen	1	1	0	0
Narraweena	8	1	7	0
North Balgowlah	6	1	5	0
Queenscliff	4	0	3	1
Terrey Hills	5	0	5	0
TOTAL	203	68	132	3

2. Land Categorisation and Analysis

2.1 Legislative requirements

The management of Community and Crown lands is governed by the *Local Government Act 1993* (LGA 1993) and the *Crown Lands Act 1989* (CLA 1989) respectively. The core requirements of each Act are identified below. Additional key legislative requirements are provided in **Appendix C**.

The legislation can be viewed in full at www.legislation.nsw.gov.au.

2.1.1 *Local Government Act, 1993.*

The *LGA 1993* (Section 36) requires that Council prepare Plans of Management for all community land. Such a plan must identify:

- The category of the land;
- the objectives and performance targets of the plan with respect to the land (strategies);
- the means by which these strategies will be achieved (actions); and
- the methods which will be used to assess whether the strategies are being achieved.

2.1.2 *Crown Lands Act, 1989*

In accordance with the *CLA 1989* a Plan of Management must incorporate the principles of Crown land management (see **Section 3.3** of this plan), and any proposed uses, developments and management practices must conform to the public purpose for the reserved or dedicated lands, and any particular policies of the Department of Lands regarding Crown reserves.

2.2 Categorisation and mapping of land in this Plan

Land categorisation is important in order to determine the key management regime for the land. Under the *LGA 1993*, Community land must be categorised as either:

- a Natural Area (and further categorised as either bushland; wetland; escarpment; watercourse; or foreshore);
- a Sportsground;
- a Park;
- an Area of Cultural Significance; or
- General Community Use.

This PoM relates to open space categorised as Park. The full list of land that has been categorised as Park and is subject to this plan is contained in **Appendix A**.

Some land parcels in this PoM contain sections of land which would be better described as either “natural area”, “sportsground” or, in a few cases, “general community use” (as per above).

In order to protect the values and uses of these areas, it is important that the individual portions of land be identified within the boundaries of the land and categorised appropriately. By appropriately categorising the land, Council sets clear direction for management of these areas.

A combination of site visits and analysis of Council’s GIS (Geographical Information System) data was conducted to identify internal boundaries for land parcels with more than one category (referred to in the following as “dual categories”).

Land with dual categories will be managed through the relevant PoM that they have been categorised as (eg. Bushland Plan of Management or Sportsground Plan of Management respectively).

2.2.1 *Mapping of land with dual categories*

A total of 33 parks contain parcels of land with more than one category of land. The location of these parks/reserves and parcels is tabled below in alphabetical order and illustrated on maps on the following pages.

Only land that has dual categories (or are adjoining to these parcels within the same reserve) have been mapped.

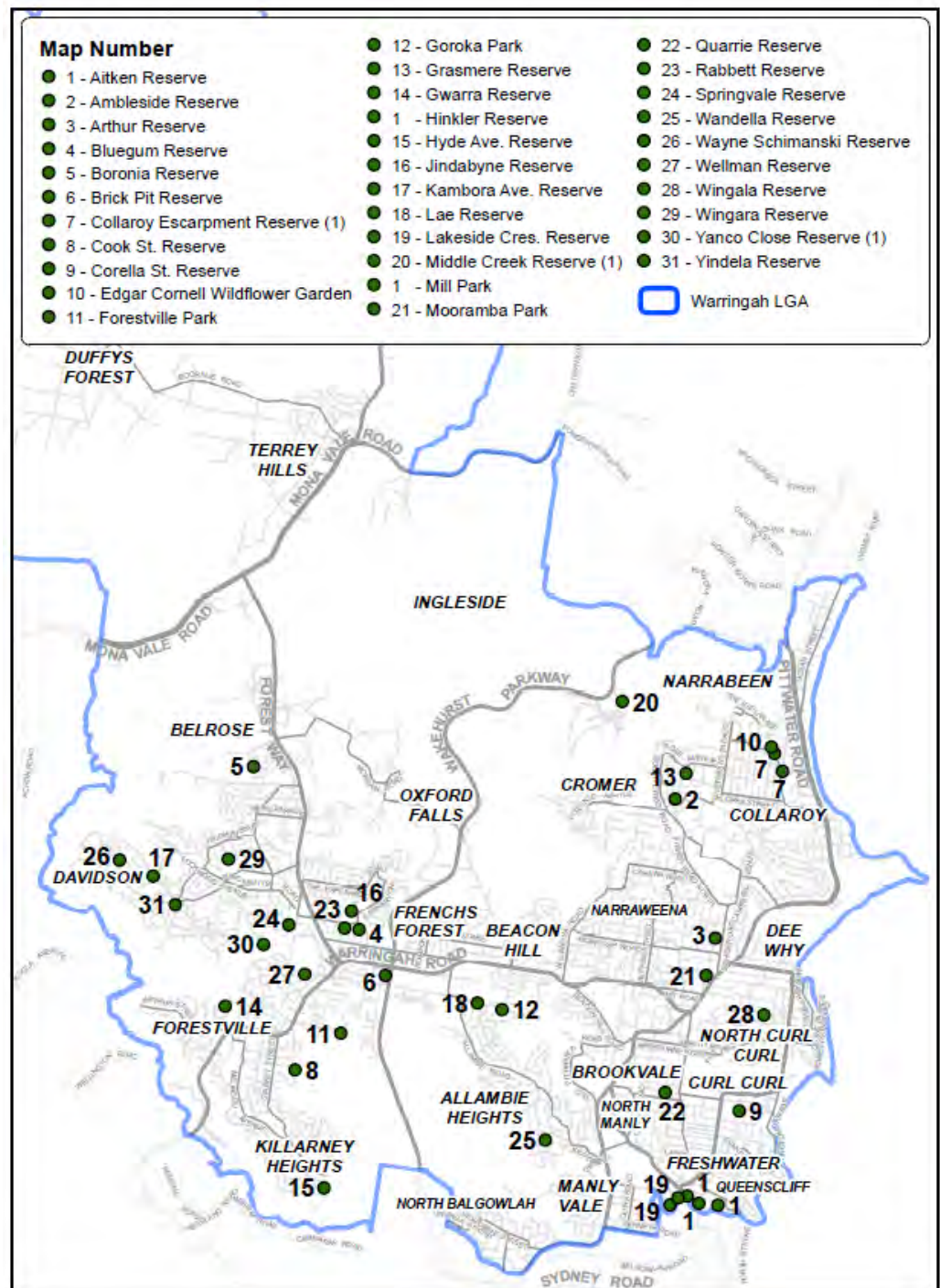
Table 3: Land parcels with dual categorisation

Map no.	Reserve Name	Parcel Lot	Parcel DP	Land categorisation	PoM for other category(ies) not covered by this PoM
1	AITKEN RESERVE, Queenscliff	n/a	752038	Park and Natural Area Watercourse	(Generic Parks PoM only)
		n/a	752038	Park and Natural Area Watercourse	(Generic Parks PoM only)
		7099	1069853	Park and Natural Area Watercourse	(Generic Parks PoM only)
2	AMBLESIDE RESERVE, Collaroy	96	223849	Park and Natural Area Bushland	Wheeler Heights Bushland (proposed) PoM
3	ARTHUR RESERVE, Dee Why	14	12531	Park and General Community Use	Community Buildings PoM
4	BLUEGUM RESERVE, Frenchs Forest	106	30700	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM
5	BORONIA RESERVE, Belrose	27	237267	Park and Natural Area Bushland	Threatened Bushland Reserves (DFEC) PoM
6	BRICK PIT RESERVE, Frenchs Forest	1B	417447	Park and Natural Area Bushland	Bantry Bay Bushland Reserves (proposed) PoM
		C	361887	Park and Natural Area Bushland	Bantry Bay Bushland Reserves (proposed) PoM
7	COLLARROY ESCARPMENT RESERVE (1), Collaroy	41	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		39	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		40	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		6	433256	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		7	433256	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		8	433256	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
8	COOK STREET RESERVE, Forestville	2717	241135	Park and Natural Area Bushland	Forestville Bushland Reserves (proposed) PoM
9	CORELLA STREET RESERVE, Freshwater	490	802011	Park and Natural Area Bushland	Harbord and Curl Curl area Bushland Reserves (proposed) PoM
10	EDGAR CORNELL WILDFLOWER GARDEN, Collaroy	37	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		24	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
		25	8035	Park and Natural Area Bushland	Collaroy Escarpment (proposed) PoM
11	FORESTVILLE PARK, Forestville	1615	752038	Park and Natural Area Bushland	Forestville Park (proposed) PoM
12	GOROKA PARK, Beacon Hill	16	29701	Park and Natural Area Bushland	Beacon Hill and Narraweena Bushland Reserves (proposed) PoM
		1535	752038	Park and Natural Area Bushland	Beacon Hill and Narraweena Bushland Reserves (proposed) PoM
13	GRASMERE RESERVE, Collaroy	17	201593	Park and Natural Area Bushland	Wheeler Heights Bushland Reserves (proposed) PoM
14	GWARRA RESERVE, Forestville		752038	Park and Natural Area Bushland	Forestville Bushland Reserves (proposed) PoM
1	HINKLER PARK, North Manly	7125	1069860	Park and Natural Area Watercourse	(Parks Generic PoM only)

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Map no.	Reserve Name	Parcel Lot	Parcel DP	Land categorisation	PoM for other category(ies) not covered by this PoM
1	HINKLER PARK, North Manly (continued)	7126	1069860	Park and Natural Area Watercourse	(Parks Generic PoM only)
15	HYDE AVENUE RESERVE, Killarney Heights	666	217209	Park and Natural Area Bushland	Middle Harbour Bushland Reserves (proposed) PoM
16	JINDABYNE RESERVE, Frenchs Forest	5	205483	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM
17	KAMBORA AVENUE RESERVE, Davidson	23	247495	Park and General Community Use	General Community Use PoM
18	LAE RESERVE, Allambie	1523	752038	Park and Natural Area Bushland	Beacon Hill and Narraweena Bushland Reserves (proposed) PoM
19	LAKESIDE CRESCENT RESERVE, North Manly	1	317966	Park and Natural Area Watercourse	(Parks Generic PoM only)
		1492	752038	Park and Natural Area Watercourse	(Parks Generic PoM only)
		9	1448	Park and Natural Area Watercourse	(Parks Generic PoM only)
20	MIDDLE CREEK RESERVE (1), Oxford Falls		752038	Park and Natural Area Bushland	Middle Creek Reserves (proposed) PoM
1	MILL PARK, North Manly	8	1448	Park and Natural Area Watercourse	(Parks Generic PoM only)
		7144	1069857	Park and Natural Area Watercourse	(Parks Generic PoM only)
21	MOORAMBA PARK, Dee Why	3	805645	Park and General Community Use	General Community Use (2) Proposed PoM
22	QUARRIE RESERVE, North Manly	PT1216	752038	Park and Natural Area Bushland	Harbord and Curl Curl area Bushland Reserves (proposed) PoM
23	RABBETT RESERVE, Frenchs Forest	105	30700	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM
24	SPRINGVALE RESERVE, Frenchs Forest	2	629775	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM
25	WANDELLA RESERVE, Allambie		752038	Park and Natural Area Bushland	Allambie, Manly Vale and North Balgowlah Bushland Reserves (proposed) PoM
26	WAYNE SCHIMANSKI RESERVE, Davidson	2761	752038	Park and Natural Area Bushland	Belrose and Davidson Bushland Reserves (proposed) PoM
27	WELLMAN RESERVE, Forestville	46	29792	Park and Natural Area Bushland	Fitzpatrick Avenue Plan of Management (proposed) PoM
28	WINGALA RESERVE, Freshwater	360	752038	Park and Natural Area Bushland	Harbord and Curl Curl area Bushland Reserves (proposed) PoM
29	WINGARA RESERVE, Belrose	2	230881	Park and Sportsground	Sportsground (proposed) PoM
		2	230642	Park and Sportsground	Sportsground (proposed) PoM
30	YANCO CLOSE RESERVE (1), Frenchs Forest	2746	752038	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM
31	YINDELA RESERVE, Davidson	PT1	40426	Park and Natural Area Bushland	Frenchs Forest Bushland Reserves (proposed) PoM

Figure 1: Location map of land with dual categorisation



The maps on the following pages show the parcels of land where more than one categorisation applies. Adjoining parcels that are part of the same reserve and have been categorised as park (only) are also shown on the map.

Adjoining parcels that are *not* categorised as park are not shown on the map, even if they may be part of the same reserve. For example, Edgar Cornell Wildflower Garden contains three land parcels with dual categorisation, all shown on the map. Adjoining parcels within the reserve are categorised as Natural Area/Bushland and have not been included on the map.

2.3 Management intent

Appendix C provides a description of each category of land and the core objectives that relate to each category. All current and future uses of community land must comply with the core objectives of this legislation.

Lands to which the *CLA 1989* applies are not subject to the categorisation requirements of the *LGA 1993*. Appropriate uses of Crown land are determined by the public purpose for which the land is reserved (as noted above).

Warringah Council has adopted the view that Crown lands in practice will be managed in a way that is consistent with the core objectives for each categorisation of community land. This ensures consistency and quality in the management of land as the *LGA 1993* requirements are more prescriptive in terms of how the core values and uses of particular types of land are to be preserved and promoted. In practice there will therefore be no discernable difference in the way that park land is managed, whether it is Crown land or Community land.

Both Crown and community park land will cater for public purposes by:

- Encouraging, promoting and facilitating recreational, cultural, social and educational pastimes and activities, and
- Providing for passive recreational activities or pastimes and for the casual playing of games, and
- Improving the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management.



Winsome Avenue Reserve, North Balgowlah

2.4 Community Consultation

A review of the neighbourhood parks was conducted in 2005 in conjunction with the preparation of the *Playground Strategy*. Community consultation was undertaken for both projects concurrently and informs this Plan.

A total of 505 surveys were completed, including 95 infield surveys and 410 self-completed surveys. The in-field surveys were conducted in ten parks (nine with playgrounds) identified in **Appendix D**.

Specific consultation activities included:

- Community Forum, advertised through the Manly Daily on 16 and 18 June 2005, posters and invites to stakeholder groups, held on 29 June 2005;
- Survey Form, advertised and distributed to stakeholders (child care centres, pre-schools, primary schools, playgrounds, early childhood centres, primary schools and other relevant community groups) and included on Council's website;
- Infield survey of park and playground users in 10 locations during June and July 2005;
- Workshop with Forest High Student Representative Council on 8 August 2005;
- Consultation with Warringah's Youth Advisory Committee on 4 August 2005; and
- Meetings with the Neighbourhood Parks and Playgrounds Strategic Advisory Committee.

The community survey data are included in **Appendix D**. A summary of key points relevant to this PoM are provided below.

2.4.1 Profile of park and playground survey respondents

<i>Age:</i>	51% of respondents were aged between 30 and 39 years and 28% between 40 and 49 years.
<i>Employment:</i>	24% of respondents were employed full-time, 34% were part-time or casual workers, 30% were engaged in home duties and 6% were retired.
<i>Travel time:</i>	Most respondents took less than 10 minutes to travel to a park/playground, and of these, 59% had lived at their current address for more than 5 years and 30% between 2 and 5 years. Most people found out about local park(s)/playground(s) as they were passing by.

<i>Place of birth:</i>	89% were born in Australia, followed by the United Kingdom (7%), then New Zealand (2%).
<i>Language:</i>	21% spoke a language other than English at home, with a total of 22 languages represented for 53 people.

2.4.2 Usage patterns

<i>How much?</i>	67% visited neighbourhood parks at least once a week (36% several times a week).
<i>When?</i>	Most respondents (46%) visited on weekdays, while 37% visit on weekends.
<i>How long?</i>	34% spent between half an hour and an hour at the park/playground and 29% spent between an hour and 1 ½ hours.
<i>Why?</i>	37% visited a park to use the playground, 16% to participate in a sporting activity and 13% for walking.
<i>How?</i>	51% travelled to the park/playground by car and 41% walked
<i>With whom?</i>	Most (57%) visited the park/playground with friends, 24% with their partner and 13% with children.

Related research on usage patterns contribute to identifying the target user groups for neighbourhood parks. Consultation undertaken for the Dee Why Valley and South Creek Corridor Plan of Management in 2007 identified the top three age brackets for users of the parks in that area, which are predominantly neighbourhood parks, as:

- 35-49 years (40%)
- 50-59 years (18%)
- 60+ years (32%)

The higher representation of these age brackets may be a result of a number of facilities for elderly residents in the area and a high proportion of children in Cromer whose carers are likely to be in the 35-49 years category.

Recent research undertaken for the Sydney Parks Group by Taverner (2004) in parks across the Sydney metropolitan area helps to shed light on park usage patterns and trends. This research, which covers all categories

including neighbourhood parks, shows that park usage tends to decrease with age, with the lowest portion of users being in the 55-64 age range. Usage then increases as people reach retirement age (65+). The study further shows that the main activities in parks are walking (28%), relaxing (16%) and supervising children playing (12%).

Based on this research and the survey findings, this PoM identifies the key target user groups for neighbourhood parks as shown in **Table 4** below².

Table 4 Key Target User Groups

Age Group	Usage
0-9 years	Children who, with parental/carer supervision, are a key neighbourhood park user, through association with playgrounds and ability to use smaller open space areas for unstructured play and ball games
10-19 years	Older children and young adults who may use parks for social gatherings and unstructured recreation.
30–49 years	Most likely group to be carers of children or future parents, as well as users for their own enjoyment.
> 65 years	Support carers (grandparents) for children and may also use areas for their own enjoyment.

It should be emphasised that the parks are visited by all age groups and that this PoM caters for and promotes broad public use and enjoyment of parks. “Key target user groups” simply means that certain age groups have been identified as using the parks relatively more than people in other age brackets and that management decisions should take these values and specific usage patterns into consideration.

2.4.3 Community opinions and issues

Some key issues and opinions raised by the community during the consultation activities included:

- 69% thought there was an adequate supply of parks in Warringah.
- 23% thought the park(s)/playground(s) they visit were overcrowded and 10% thought they were under-utilised.

² Survey data was not necessarily collected for each of the age groups identified, however census data available and population forecasts used for demand analysis are provided in 5 year age brackets, hence the key target user groups are rounded for consistency.

- 87% of respondents considered park cleanliness and maintenance to be very important. Other very important features were shelter and shade (75% of respondents), safety and security (72%), trees/natural areas/bushland (70%), playgrounds (67%), toilets (66%) and car parking (62%).
- The least important park features were considered to be art and cultural features (55% of respondents) and proximity to shops (49%), proximity to public transport (41%) and signage (30%).
- Park facilities considered very poor were toilets (56% respondents), art works/cultural features (54%), barbeque facilities (35%) and shelter/shade (30%).
- 89% of respondents considered safe play equipment very important, followed by playground maintenance (86%), safety/security of the playground area (86%), shade (82%), setting suitable for supervision (81%) and distinctive and interesting play equipment (76%).

2.5 Constraints and Opportunities

The constraints and opportunities for enhancing the values and usage of public parks are in part determined by the number of parks that must be maintained. The budget for parks maintenance is not infinite and it is important that resources are directed to those places where there will be most “value for money”.



Ralston Reserve, Belrose

Management decisions are based on a balanced consideration of:

- The number of parks available in the LGA (supply)
- The current and future use of parks (demand)
- The values associated with the park and any special considerations of certain user groups

This section examines firstly the current supply of neighbourhood parks. Demographic information will then be outlined to shed light on trends and likely future demand. This leads to a supply/demand analysis in which key areas for management action and prioritisation are identified.

2.5.1 Supply

The current supply of parks in this PoM has been analysed using Council's Geographic Information System (GIS).

The analysis was based on criteria including catchment areas (general walking time of 10 minutes from park), the impacts of physical and topographical features such as roads, cliffs or steep hills on accessibility and the catchment area, and other nearby park attractors, such as a beach or shop, that could influence the distance or time people would travel to use a park.

The supply analysis and community consultation shows that:

- Warringah is generally well supplied with neighbourhood parks, both in terms of the total area of open space and the actual number of parks. Therefore there may be scope for rationalisation in some areas, although expansion may be required in other areas to meet future demands.
- Most issues identified relate to the age and condition of facilities/built structures and equipment, rather than a lack of neighbourhood parks.
- The provision of open space in recent subdivisions is largely unsuitable for park development, e.g. mainly bushland or under high voltage power lines.
- Recreational opportunities for young people are limited, and youth need to be recognised through facilities that cater for a range of interests, informal activity and exercise.
- The open space network could be enhanced through provision of walking and cycling trails linking the coast and other recreation areas.

2.5.2 Demand

The demand for public parks in Warringah can be identified and forecasted through analysis demographic information. Warringah Councils Community Profile (warringah.nsw.gov.au) provides demographic data that is based on data from the 2006 census. The Community Profile highlights key features and population trends for Warringah at large, as well as for each suburb.

Demographic trends relating to the identified key target user groups that will influence demand for neighbourhood parks include:

<i>0-9 years:</i>	The largest increases in the number of 0-9 age bracket are expected in Dee Why and Brookvale, with other increases expected in Davidson, Forestville and Narrabeen. Most other areas are expected to experience an overall decrease in this age group.
<i>10 – 19 years:</i>	General increases in the 10-19 age bracket are expected with the largest increases identified for Brookvale, Dee Why and Forestville. Terrey Hills and North Balgowlah are expected to experience the largest decreases in this age group.
<i>30- 49 years:</i>	There is a general decrease in the 30-49 age bracket for Warringah LGA, however Brookvale, Dee Why and Narrabeen are forecasted to experience increases with Brookvale and Dee Why having the largest increases for this group.
<i>65> years</i>	Nearly all areas in Warringah are expected to have an increase in the 65 and over age groups, consistent with the ageing of the population of the area. The largest increases are expected in Dee Why, Collaroy – Wheeler Heights and Narrabeen while Killarney Heights is the only area expected to experience a decrease over the forecast period.

Brookvale, Dee Why and Narrabeen are the only suburbs expected to have overall increases in population of each of the key target user groups.

The population of Warringah is projected to increase by approximately 6% by 2021 from 2006. Meeting demand will largely focus on addressing equity in supply, and provision of neighbourhood parks in suburbs subject to higher density residential development and in new residential areas.

2.5.3 Special considerations and values

The following special considerations regarding will inform management decisions:

- Families are the dominant household type in the Warringah LGA. This implies neighbourhood parks should generally provide for:
 - informal recreation and play opportunities for children;
 - supervision areas for parents and carers in parks containing playgrounds; and
 - amenities such as seats and shade.
- A high proportion of older people, and people with a disability, which indicates accessibility as a consideration in park design, as well as linkages to residential areas with a high proportion of older people.
- The high proportion of people in employment which indicates the importance of parks in providing for informal leisure activities, as time is assumed to be more limited for participation in organised sports/recreation activities.

2.5.4 Supply/Demand analysis

A supply and demand analysis of neighbourhood parks provides an indication of likely demand and level of use for open space within Warringah LGA.

As part of the demand assessment the proportion of population and density of people per suburb is defined as Low, Medium or High in accordance with the ranges identified in **Table 5** below. This provides an indication of the likelihood for demand for open space as per Council data from 2000.

Table 5 Demographic and development criteria

Criteria	Low	Medium	High
Proportion of Warringah's population	0-2.5%	2.5-6%	6-13%
Density of people per km ²	637-1400	1,400-2,500	2,500-5,400
Potential for further medium density development	Under 100 units	100-300 units	More than 300 units

The results of the supply/demand analysis are shown in **Table 6** below.

Table 6 Supply-demand analysis by suburb

Suburb	Supply-demand analysis
<i>Allambie/ Allambie Heights</i>	<p>Allambie has a medium proportion of Warringah's residents and there is expected minor growth in the 65+ age bracket.</p> <p>Allambie is "adequately" to "well" supplied with neighbourhood parks. In the northern portion of the suburb there is scope for rationalisation. The provision of neighbourhood parks in the south is adequate. Residential areas in Allambie are also in close proximity to Manly Warringah War Memorial Park and Allenby Park.</p> <p>Analysis indicated an undersupply of neighbourhood parks around Derna and Libya Cres, however residents have access to Allenby Park. There is also an undersupply identified in the vicinity of Lyly Rd, Corkery Cres, Malinya Rd and Smith Ave.</p>
<i>Beacon Hill</i>	<p>Beacon Hill has a medium proportion of Warringah's population. There are expected decreases in each target age group, most significant in the 30-49 bracket, however the 65+ bracket would increase.</p> <p>Analysis indicated an undersupply of neighbourhood parks in residential areas in the north of the suburb (around Lady Penryn Dr and Golden Gr). However, residents have access to other reserves such as Red Hill and Golden Grove.</p> <p>There is also an undersupply in the vicinity of Elliot St, Marshall Cres and Ryan Place, however Wedgewood Res (part of Allenby Park) provides open space and recreational opportunities associated with neighbourhood parks to residents in this area.</p> <p>Residential areas to the north-east of the suburb are well supplied with parks providing scope for rationalisation.</p>
<i>Belrose/Oxford Falls</i>	<p>Belrose has a medium proportion of Warringah's population and a high percentage of the population is aged 55 years and over.</p> <p>The western area of Belrose is very well supplied with neighbourhood parks and adjoins Garigal National Park, indicating scope for rationalisation, particularly toward the south.</p> <p>The population of Oxford Falls is very low as it is a rural-residential area. It currently has no neighbourhood parks, however given the suburb's demographic profile as well as amount of private open space, there is unlikely to be demand for provision of a neighbourhood park.</p>

<i>Brookvale</i>	Analysis indicates an undersupply of neighbourhood parks around Warringah Mall. There is a very high potential for future medium density development in the area and there are expected significant increases in each age bracket. Council has recently acquired land in Old Pittwater Rd for the provision of open space which will assist in meeting future demand for park development.
<i>Collaroy</i>	<p>Collaroy has a high proportion of Warringah's population and has a relatively higher density. The 65+ age group is expected to increase, while 0-9 and 30-49 is likely to decrease. Potential for further medium density development is medium to very high, particularly in the coastal areas of the suburb.</p> <p>The coastal areas of Collaroy are well supplied with neighbourhood parks and have good access to other open space (such as beach reserves). However, there is a notable undersupply of neighbourhood parks in the central part of the suburb (around Lincoln Ave, Telopea St, Hilma St and Duncan Cres), mainly due to land being unsuitable for parks (i.e. steep topography).</p>
<i>Cromer</i>	Cromer includes Cromer Golf Course to the west and is bound by bushland reserves and undeveloped Crown land. It is generally well supplied with neighbourhood parks apart from residential areas in the far north-west.
<i>Curl Curl – North Curl Curl</i>	Residents in Curl Curl and North Curl Curl have access to the regional reserves and sportsgrounds adjacent to Curl Curl Lagoon. Although the area has relatively few neighbourhood parks, provision is considered adequate due to access to these larger reserves and beach area.
<i>Davidson</i>	<p>Garigal National Park borders Davidson. The suburb has a low proportion of Warringah's population and low density residential development. The 65+ age group is expected to increase in this area.</p> <p>Most of Davidson is very well supplied with neighbourhood parks indicating scope for rationalisation, particularly in the south of the suburb.</p>
<i>Dee Why</i>	<p>Dee Why is well supplied with neighbourhood parks. However residential development is medium to high density and there is medium to high potential for further similar development. The suburb has the highest proportion of the population in Warringah and there are significant increases expected in each target age group.</p> <p>Given continuing high demand, consideration should be given to the provision of additional neighbourhood parks. Note – a plan is to be prepared for a number of neighbourhood parks around Dee Why Town Centre, which will address use of the specific reserves and integrate with any proposed town centre redevelopments.</p>

<i>Duffys Forest</i>	Duffys Forest is a rural-residential suburb with low demand for neighbourhood parks. Given the amount of private open space in the suburb, provision of a neighbourhood park is not a priority.
<i>Forestville</i>	<p>Forestville lies east and west of Warringah Road and adjoins Garigal National Park. Forestville War Memorial Playing Fields are centrally located in the suburb. Forestville has a medium proportion of Warringah's population.</p> <p>The residential areas of Forestville are either well or adequately supplied with neighbourhood parks, which are well distributed. However, there is an undersupply around Lady Davidson Cct.</p>
<i>Frenchs Forest</i>	<p>Frenchs Forest is one of the largest suburbs in the LGA extending from Oxford Falls Road in the east to Davidson High School in the west. The suburb incorporates the commercial area fronting Warringah Rd and the Warringah Aquatic Centre. It also adjoins Garigal National Park and Manly Warringah War Memorial Park to the south.</p> <p>Frenchs Forest has the third highest number of residents in Warringah (9.4%) but a medium density of residents per hectare. Several areas in both western and eastern Frenchs Forest are oversupplied with neighbourhood parks, indicating potential for rationalisation.</p> <p>The Corymbia Cct area has an undersupply of neighbourhood parks but there may be potential to use an existing bushland parcel for passive recreation or to develop adjoining Crown land for open space.</p> <p>There is an undersupply of neighbourhood parks around John Oxley Drive however there is access to John Oxley Trail. Therefore it is not considered a priority for provision of a neighbourhood park.</p>
<i>Freshwater – North Manly</i>	<p>Freshwater (formerly Harbord) adjoins Freshwater Beach. The suburb functions as a village within Warringah focused on the small commercial centre. Freshwater has a high proportion of Warringah's population and a relatively high density. There are a relatively high proportion of people in the 30-49 age bracket.</p> <p>Although Freshwater contains fewer neighbourhood parks than other suburbs, it is generally well catered for in terms of open space due to foreshore reserves and a district park (Jacka Park). However, the western portion of the suburb around Coles Rd is at the limit of a 10 minute walk to a neighbourhood park.</p> <p>Warringah Golf Course and Nolan Reserve are located within North Manly. The suburb has a good distribution of neighbourhood parks.</p>
<i>Killarney Heights</i>	<p>Killarney Heights is bordered by Garigal National Park to the east, west and south. The suburb has a low proportion of Warringah's population with a high percentage of residents aged 55 years and over.</p> <p>Killarney Heights is very well supplied with neighbourhood parks, indicating opportunities for rationalisation.</p>

<i>Manly Vale</i>	<p>Manly Vale borders the Manly LGA and Manly Golf Course to the south. Manly Warringah War Memorial Park is to the west and District Park (including Nolan Reserve) is to the north. Manly Vale has a relatively low percentage of Warringah's population with a relatively high percentage of residents aged between 30-49 years. Potential for future medium density development is low.</p> <p>Manly Vale is adequately to well serviced by neighbourhood parks. However, provision of a park, playground or community garden east of Condamine Street would improve the provision of parks in this higher density area.</p>
<i>Narrabeen</i>	<p>Narrabeen is characterised by Narrabeen Beach and Narrabeen Lagoon and a range of parks associated with these two natural features. Narrabeen has a medium proportion of Warringah's population with a relatively high percentage of residents aged 65 years and over. All target age groups are expected to increase by 2021.</p> <p>Although there are few neighbourhood parks, the suburb is well supplied with open space given the proximity to Jamieson Park, Narrabeen Lagoon and Narrabeen Beach foreshores.</p>
<i>Narraweena</i>	<p>Narraweena has a medium proportion of Warringah's population but a relatively high density of people per hectare. Narraweena is generally well supplied with neighbourhood parks. The exception to this is a small area near Larmer Pl/Palya Pl.</p> <p>Beverley Job Park is the major open space area in this suburb. Although the analysis indicates an area of undersupply around Northcliffe Ave, this area is adjacent to a 'bushland' park.</p>
<i>North Balgowlah</i>	<p>North Balgowlah borders Manly LGA to the south and Manly Warringah War Memorial Park/Wakehurst Golf Course to the north. The suburb has a low proportion of Warringah's residents but is relatively high density.</p> <p>All residential areas in North Balgowlah are either well or adequately supplied with neighbourhood parks.</p>
<i>Queenscliff</i>	<p>Queenscliff has a relatively high population density and a relatively high proportion of 30-49 year olds. Queenscliff is in close proximity to two district parks and the foreshore reserves of Manly Beach and Manly Lagoon. Provision of neighbourhood parks is considered adequate.</p>
<i>Terrey Hills</i>	<p>Terrey Hills is bound by Ku-ring-gai National Park and Mona Vale Road. The eastern area of the suburb contains residential areas while in the west are large rural- residential blocks. Terrey Hills has a low population density.</p> <p>The residential area in the north of Terrey Hills is well supplied with neighbourhood parks. Removal of one neighbourhood park in this area could be considered.</p>

3. Basis for Management

This section identifies Council's specific goals, objectives and principles that together with community values and relevant legislation guide the management of community and Crown land in Warringah.

3.1 Goals and Objectives

Council's aim is to create a safe and healthy living environment, hereby enhancing the quality of life for residents and visitors to Warringah. The vision is articulated as:



“Warringah – A vibrant community, improving quality of life by living and working in balance with our special bush and beach environment.”

Living Warringah (2005).

The guiding document which sets direction for Council to achieve this vision is the strategic plan, *Living Warringah (2005)*. This plan outlines goals for identified key program areas. The plan was developed in close cooperation with community, experts and stakeholders.

The strategic goals that are relevant to neighbourhood parks are:

- | | |
|----------------------------------|--|
| Living Spaces Goal 1 | Provide a diversity of open space and recreation facilities |
| Living Spaces Goal 2 | To provide recreational access to natural areas while ensuring sustainability of the natural environment |
| Living Communities Goal 4 | To build a community that shows pride in its sense of identity and where people are comfortable meeting and interacting in public spaces |
| Living Communities Goal 5 | To actively encourage and support the community to use open space and participate in recreation. |

These overall goals are consistent with the core objectives set for community land categorised as Park in the *LGA 1993* as listed in **Appendix C**.

3.2 Council's Principles for community land management

Principles for the management of Community land are outlined in Council's *Policy for Plans of Management on Public Open Space* (2003), namely:

- Ensure Warringah's community has an opportunity to be involved in the planning and management of public open space;
- plan, maintain and enhance a diversity of recreational public open space opportunities;
- plan and maintain a hierarchy of quality, multi-use public open space facilities;
- conserve and enhance the natural environment and rehabilitate degraded areas of public open space;
- recognise the importance of culture and heritage;
- ensure a high standard of risk management in the provision, maintenance and management of public open space and facilities; and
- apply the above principles in an economically responsible manner.

3.3 Principles of Crown Land Management

The principles of Crown land management, as identified in Section 11 of the *CLA 1989*, are:

- a) that environmental protection principles be observed in relation to the management and administration of Crown land,
- b) that the natural resources of Crown land (including water, soil, flora, fauna and scenic quality) be conserved wherever possible,
- c) that public use and enjoyment of appropriate Crown land be encouraged,
- d) that, where appropriate, multiple use of Crown land be encouraged,
- e) that, where appropriate, Crown land should be used and managed in such a way that both the land and its resources are sustained in perpetuity, and
- f) that Crown land be occupied, used, sold, leased, licensed or otherwise dealt with in the best interests of the State consistent with the above principles

Note that further key legislative requirements under *CLA 1989* are summarised in **Appendix C**.

3.4 Community Values

This PoM takes a values-based approach to land use planning and management. This allows the key values, roles and purpose of land to be identified so that they may be protected and enhanced.

The values for neighbourhood parks were established through community consultation undertaken for the *neighbourhood parks review* in conjunction with the development of the *Playground Strategy* (2004).

a. Recreational Experience

Parks are highly valued for the wide range of recreational opportunities they provide for the community. This includes passive recreation, through access to places of rest and quiet, and active recreational opportunities, through provision of wide, open spaces and facilities such as children's playgrounds.

b. Social and Cultural Interaction

Parks are valued for the role that they play in community life through the provision of public spaces for social interaction, as a meeting place for people of all ages and a place for community activities.

c. Accessibility and Safety

The community values availability and accessibility of parks to all community members and within relatively close proximity to where they live. Parks are valued for their settings which make them a safe place to visit for carers of young children, youth and older persons.

d. Environmental and Aesthetic Quality

Parks are valued for their natural environment due to the green open space, the presence of trees, native bushland, abundant native birds and natural watercourses. The community wishes to enhance this through preservation and enhancement of the existing native vegetation and remnant bushland. They are also valued for their aesthetic appeal, providing green space as a relief from the urban environment and a pleasant outlook from nearby residences.

3.5 Park Issues

The community consultation for the *neighbourhood parks review*, *Playground Strategy* (2004) and the Neighbourhood Parks and Playground Strategy Advisory Committee identified various issues that may affect the community's enjoyment of an area and hence threaten the underpinning values of the parks. **Table 7** below identifies and describes these issues.

The right hand column in the table refers to the actions that address the issues as listed in **Table 8**. For reasons of clarity, the issues have been grouped under the particular community value that they mostly relate to, though one issue may relate to more than one community value.

Action	Value the action relates to
RE	Recreational experience
SC	Social and Cultural Interaction
AS	Accessibility and Safety
EA	Environmental and Aesthetic quality

Table 7 Management Issues for parks

Value: Recreational Experience		
Topic	Issue Summary	Action
Provision of facilities	Council receives numerous requests for new and improved facilities in parks, including shade structures, bench seats, picnic facilities, playgrounds, drinking fountains, toilets, bins etc. It is not possible to provide facilities for all of the 203 parks in Warringah covered by this Plan, as management and maintenance of the resources would not be sustainable. The Design Guidelines for parks in Appendix B outlines the types of facilities that will be provided in neighbourhood and local parks in accordance with use patterns and levels.	RE1, RE2
Balanced opportunities	Parks should provide opportunities for a range of recreational activities, a place to relax and areas for socialising. Park and open space design needs to encourage these activities. The provision of informal and formal play areas needs to be considered.	RE2, RE3, SC5
Playground design	Comments were received stating playgrounds may not be challenging or suitable for the development stages of children. The design checklist in the <i>Playground Strategy</i> (2007) identify a number of considerations in regards to these issues. Not all age groups can be catered for in each playground given space and funding constraints. The <i>Playground Strategy</i> (2007) aims to provide a diversity of experiences across a range of playgrounds. Bike tracks and similar scale facilities will generally be associated with larger scale regional and district parks, rather than neighbourhood parks.	RE4
Linkages	There may be opportunities to improve or create linkages between neighbourhood parks and other areas of open space. Many of these opportunities relate to areas outside, i.e. land not covered by this PoM, such as bicycle paths. Neighbourhood parks could provide for rest points along linkages.	RE5, RE6, RE7
Dog exercise areas	Comments were received regarding a lack of off-leash exercise areas for dogs. Warringah has 6 unrestricted and 3 time-restricted unleashed dog exercise areas which are generally larger areas of open space. Parks included in this Plan are not considered large enough for effective and safe unleashed dog exercise. Furthermore, under the <i>Companion Animals Act 1998</i> , dogs are prohibited from being within 10m of playgrounds.	RE8, RE9
Youth facilities	Comments were received from specific stakeholder groups regarding lack of youth facilities. Teenagers want a place to meet friends, skateboard, roller blade, kick a ball and just 'hang out'. Placement of youth facilities should consider proximity to other areas that are socially important to teenagers, such as beaches, pools, sportsgrounds and shopping centres. Facilities such as skate parks are generally more appropriate for district and regional parks, as neighbourhood parks do not have the appropriate space available. Minor facilities such as a basketball hoop may be appropriate.	RE10

Value: Social and Cultural Qualities		
Topic	Issue Summary	Action
Community Gardens	Should there be sufficient demand, there may be scope to consider the provision of an area for use as a community garden in areas of medium density development.	SC1
Aboriginal sites	A number of parcels covered by this PoM contain Aboriginal Heritage sites. These sites are generally kept confidential to ensure their preservation, therefore they have not been mapped in this PoM. Sites covered by the Northern Region Aboriginal Heritage Office include art sites, engravings, burials, grinding grooves and extensive shell middens. These sites are nationally and internationally significant and need to be managed and maintained with due diligence and in accordance with any plans or policies that may be in place.	OM1,OM2
Appropriate use of parks	<p>Certain activities may not be appropriate for neighbourhood parks. Generally, small scale, low key activities that do not unduly disturb public amenity, create offensive noise levels, damage turf or have an impact on the environment are considered appropriate.</p> <p>Bookings are not generally required for groups with less than 50 people, unless there is a level of risk that needs to be addressed. Amusement devices, such as jumping castles, kindy farms etc, may be placed in neighbourhood parks subject to consideration of Council's Reserves Booking Officer. Appropriate proof of insurances and public liability coverage must be provided.</p> <p>A lack of written information on permissible uses and booking requirements was highlighted.</p>	OM6,SC2, SC3, SC4
Social settings & community stewardship.	Facilities provision and park layout should create inviting places that encourage social interaction. Maintenance or embellishment of parks and reserves (e.g. through voluntary bush regeneration works) provide an opportunity for local residents to interact and build community stewardship of various parks and reserves.	SC5, SC6
Use of gas barbeques in neighbourhood parks	<p>A number of requests were made for BBQ settings to be provided with playgrounds, to provide for family outings. Generally, BBQs will not be supplied in neighbourhood or local parks. It is proposed that Council permit use of private gas barbeques in parks in accordance with the following conditions to facilitate social gatherings in public open space. During Total Fire Bans, the NSW Rural Fire Service places restrictions on the use of gas barbeques in certain conditions. The conditions relevant to neighbourhood parks include:</p> <ol style="list-style-type: none"> 1. If BBQ is under the direct control of an adult 2. If the ground within 2m of the BBQ is cleared of all materials which could burn 3. If you have an immediate and continuous supply of water available 	SC2
Artwork and cultural features	Community members suggested that more public art would be valued in smaller parks. Council's <i>Public Art Policy</i> (2008) guides appropriate opportunities for public art in areas such as parks.	OM3

Value: Accessibility and Safety		
Topic	Issue Summary	Action
Anti-social behaviour	Park design should consider the principles of Crime Prevention Through Environmental Design (CPTED) to discourage potential anti-social behaviour in parks.	OM4
Distribution of facilities	While it is recognised that Warringah has a large number of parks and reserves, various facilities were not considered to be equitably distributed. Playground distribution and provision is addressed in the <i>Playground Strategy</i> (2007) which was developed in conjunction with this Plan. BBQs are not recommended to be provided in parks smaller than district level. Toilets are generally not provided for the neighbourhood parks as it is assumed that users would live in close proximity to their homes.	RE2
Lighting	When making decisions on whether or not to provide lighting for neighbourhood parks both benefits and risks must be considered. Lighting in public spaces is generally provided for safety or for the purpose of specific activities, such as for sports grounds or cycle and pedestrian pathways. However recent research has shown that in certain situations, the provision of lighting may increase instances of anti-social behaviour and vandalism, particularly in isolated or remote locations (www.graffiti.nsw.gov.au). Based on this research, lighting will generally not be provided in neighbourhood parks. However, should provision of lighting be appropriate the principles of Crime Prevention Through Environmental Design should be considered.	AS14
Physical access	Opportunities for access to parks and facilities for people with a disability or elderly residents may be limited in neighbourhood parks. The <i>Report on the Community Access Needs of People with Disabilities in Warringah</i> (2006) identified various opportunities for improving access for people with a disability such as suitable entries, exits and access to seating and other park facilities.	OM16
Lack of information	There is limited information publicly available on the location and permissible uses of neighbourhood parks. A park inventory needs to be created and made available to the public which includes locations, available facilities and permissible uses.	SC4, AS20
Poorly maintained equipment	Dilapidated equipment and facilities can detract from the recreational experience provided at parks. Park equipment should be maintained in accordance with appropriate standards to minimise risks to the public. Council has adopted the <i>Playground Strategy</i> (2007) which provides strategic recommendations in regard to playground provision and upgrades. The annual <i>Playground Improvement Program</i> identifies priorities for improvements and programs works. In cases of unsafe equipment, where the hazard or risk is high, equipment will be removed, in accordance with the <i>Playground Strategy</i> (2007) and Council's risk management procedures.	<i>Playground Strategy</i> (2007) and annual <i>Playground Improvement Program</i>

Fencing of playgrounds or parks	Fencing playgrounds or parks may be desirable in certain situations, such as near busy roads, adjacent to areas that may present a significant fall height (cliffs), or steep or dangerous creek banks. The <i>Neighbourhood Park Design Guidelines (Appendix B)</i> shall include provisions to consider fencing when safety concerns exist.	RE3
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Value: Accessibility and Safety		
Topic	Issue Summary	Action
Signage out of date	Consideration will be given to rationalising existing signage. There are numerous, inconsistent signs located in parks, which relate to a wide range of different prohibitions, such as camping, golfing, rubbish dumping etc. Some existing signs may be out of date, referring to legislation that is no longer in place.	SC4
Smoking in playgrounds	Council's <i>Policy for Management of Smoking in Public Places</i> (2004) bans smoking in, and within 10 metres of, playgrounds. This prohibition needs to be indicated on signage.	SC4
Shade	Council receives numerous requests to provide shade, particularly around playgrounds, as sun exposure can cause excessive heating of equipment. Shade should primarily be provided through natural elements such as tree plantings. Where this is not an option, synthetic shading should be installed in accordance with the Design Guidelines and appropriate Australian Standards.	Park Design Guidelines
Land management and ownership	The neighbourhood parks review identified various parcels of land within reserves that currently are managed by Council, despite Council not having care and control of the land. There are opportunities to formalise management of these reserves, and ensure the reserves are managed for the benefit of the community.	AS1, AS2, AS3, AS4
Rationalisation of parks	In certain areas, supply of parks may exceed community need such as north Allambie Heights, west Belrose, north east Beacon Hill, south Davidson, west and east Frenchs Forest, Killarney Heights, and north Terrey Hills. In other cases, the open space may be suitable for recreation (e.g. under high voltage power lines). These areas are identified in the supply-demand analysis in Table 8 .	AS6
Undersupply of neighbourhood parks and potential new areas of open space	The supply-demand analysis identifies the following areas as being undersupplied with neighbourhood parks: Brookvale, central and south Collaroy, north-west Cromer, north Frenchs Forest and west Freshwater. Larger areas of land subject to subdivision or redevelopment should provide parcels of land for open space use where possible and directed through the <i>Local Environmental Plan's</i> controls. In areas where demand is high due to population density etc, they may be a need to provide further open space in future.	AS3, AS5, AS7, AS8, AS9, AS10, AS11, AS12, A13

Value: Environment and Aesthetics		
Topic	Issue Summary	Action
Encroachments	Some residents have encroached on parks, hereby reducing the value of the land to the general public. Encroachments may also threaten environmental values associated with the park (such as protection of flora and fauna). Examples of encroachments on parks include adjacent landowners landscaping or placing their own outdoor furniture beyond their property boundaries, thereby alienating public open space. Circumstances also arise whereby residents undertake tree planting without Council's knowledge or consent, which needs to be managed to ensure park values are not threatened.	EA3, EA5, SC5
Inappropriate access	People continue to use parks to obtain vehicular access to areas of their property for private purposes, such as construction works. Significant damage can be caused to parks as a result. Consent conditions that prohibit vehicles accessing parks exist, and are applied where development is occurring adjacent to parks. Bollards and signage may need to be installed in certain situations, which identifies that the activity is prohibited. In situations where access is necessary, application may be made to Council to obtain construction access, Bonds and conditions apply.	OM11, SC4
Vegetation corridors (landscaping)	Tree planting in parks provide many functions such as shade provision, screening, habitat for wildlife, visual amenity, conservation of water, and seasonal appearance. Opportunities may exist to improve or create vegetation corridors between parks and other areas of open space. The <i>Warringah Natural Area Survey Vegetation History and Wildlife Corridors</i> (2005) identifies existing and potential wildlife corridors. Any parks located within these corridors should be landscaped in accordance with the <i>Local Habitat Strategy</i> (2007).	EA7
Creeklines	Some parks are adjacent to waterways. The management of these parks must consider any potential impacts on creek processes or impacts on park facilities as a result of flooding or bank erosion.	Park Design Guidelines
Maintenance	Timely maintenance of parks is required. Parks and associated facilities are often the target of vandalism and graffiti. Damaged trees, damaged infrastructure and furniture and littering create community safety concerns. Landscaped gardens and turf also need regular attention to ensure an appropriate level of cleanliness and public amenity is provided. There are situations where unnecessary assets exist in parks (multiple taps etc). These could be rationalised to improve sustainable management of parks.	Scheduling of maintenance as per service level agreements AS2

Value: Environment and Aesthetics		
Vandalism / unintentional damage	Park design should minimise graffiti, vandalism and unintentional damage.	Ongoing action, CPTED in design guidelines
Rubbish dumping	Many parks have been subject to incidences of illegal rubbish dumping, including vegetation. Illegal dumping is managed through Council's Customer Response System.	Ongoing action
Sustainability	Maintenance and improvements to parks should seek to reduce environmental impacts. This may include selecting appropriate herbicides for weed control, use of recycled material in landscaping, and water sensitive designs.	Design guidelines

4. Management Framework

This section provides the framework for management of the land in line with the Basis for Management described in **Section 3**. Actions that address the identified issues and values are prioritised and presented in **Table 8**.

4.1 Vision Statement

The following vision statement has been developed for parks covered by this Plan:

“That parks be managed to provide safe and well maintained open space areas that facilitate a diverse and balanced range of social and recreational opportunities”



Jacka Park, Freshwater

4.2 Specific Objectives for management of parks

Specific objectives, consistent with the legislative requirements for land categorised as park, have been developed for each of the identified community values to guide the management of parks:

- a. **Recreational Experiences:** *To manage and develop parks in a manner which provides for a diverse range of recreational experiences.*
- b. **Social and Cultural Interaction:** *To manage parks in a manner which protects and enhances their social and cultural qualities.*
- c. **Accessibility and Safety:** *To ensure parks are maintained as safe, useable spaces that are accessible to, and distributed equitably among the whole community.*
- d. **Environment and Aesthetics:** *To protect and enhance the natural environment and appearance of parks and reserves through appropriate maintenance and management.*

For land parcels with dual categories (as mapped in **Section 2** of this Plan) the portion of land *not* categorised as Park will be managed in accordance with the Plan of Management to which it refers (see **Table 3**) For example, land parcels containing areas categorised as “sportsground” are to be managed in accordance with the Sportsground Plan of Management, and “natural area bushland” portions of land parcels will be managed in accordance with the Bushland Plans of Management.

4.3 Action Plan

4.3.1 How is the Action Plan structured?

The action plan in **Table 8** lists the actions that are required in order to address any issues and protect the values of parks. Specific actions have been divided into groups relating to the four identified community values.

The action plan contains the information as required under the relevant legislation, being:

- The objectives and performance targets of the plan.
- The means by which these strategies will be achieved (Actions)
- The methods which will be used to assess whether the strategies are being achieved.

Some actions have ‘see section X.X’ in the action description. This means that there is additional information in the referenced section which will assist in its implementation.

The responsible sections of Council are identified for each management action in the right hand column of the table.

4.3.2 What do the priorities mean?

Actions have been prioritised to guide Council’s implementation of this PoM.

The priority of each action has been defined as high, medium or low to indicate the action’s relative importance. That does not mean that actions that have been given a “low” priority are unimportant. Rather it means that other actions are considered more important.

Priorities have been based on consultation and research undertaken for this Plan. The definitions of priorities are outlined below.

High (H) – Actions given a high priority and which require capital expenditure or other additional funding are to be considered in Council's annual funding processes until they can be resourced, incorporated in relevant plans and completed.

Actions that are assigned a high priority and which do not require capital expenditure are to be considered for the *Strategic Community Plan* (2008) and the relevant unit's Business Plan until completed.

Either type of high priority action may be rejected, altered or given another priority rating through a formal review. Additional funding sources may be sought for these actions.

Medium priority (M) – These actions are to be reviewed by the responsible Council Unit each year as to their current importance. This is to take into consideration current directions, available resources and where relevant be considered for capital expenditure and/ or placement in the relevant plans.

Actions of medium priority are those which should be implemented within the life of this Plan unless they are rejected, altered or given another priority rating through a formal review. Additional funding sources may be sought by the relevant unit for these actions.

Low priority (L) – These actions are considered necessary for the overall management and improvement of the land but they may not be allocated appropriate resources until they are formally reviewed as being of a higher importance or resources become available for such actions. Identified business units within Council are to consider these actions on an annual basis.

4.4 Ongoing Management Actions

The action plan in **Table 8** provides a list of new actions for parks in Warringah. Ongoing management actions that take place as part of Council's general operations are listed below and have also been included in the table. These actions and directions are to be reviewed annually.

1. Undertake and support conservation works to Aboriginal heritage sites in accordance with the principles and recommendations of the Aboriginal Sites Works Program (Aboriginal Heritage Office).
2. Continue the protection of Aboriginal heritage sites.
3. Opportunities for public art are to be considered at the planning stages of any development.
4. All facilities built on the reserves are to be designed and constructed in such a way as to reduce the potential for crime and antisocial behaviour, through application of the principles of Crime Prevention through Environmental Design (CPTED).
5. Involve community participation in design and planning of parks and associated facilities where appropriate.
6. Ensure all park designs minimise maintenance through sound design principles and materials selection.

7. Continually promote the network of parks in Warringah LGA to maximise community awareness, access and use.
8. Continue regular inspections and external audits of playground equipment and associated features to assess and manage risks and eliminate hazards.
9. The development of any infrastructure and facilities is to take into consideration the needs of the entire community including special needs groups such as those identified in the Warringah Social Plan and other relevant Council documents.
10. Bollards and landscaping continue to be installed where relevant at parks to prevent car access to park grounds.
11. The parks continue to be developed and made available for use by the community for appropriate events and activities.
12. Improvements and maintenance are to be coordinated across Council. This is to ensure that the resources required to deliver an action or maintain a facility are allocated at the right time e.g. the construction of compliance signage may require additional staffing from the Compliance section of Council and must be coordinated and considered at the time the signs are installed.
13. Suitably involve the community in the implementation of relevant actions, especially recreational facility development i.e. playgrounds.
14. Continue to assess the condition and maintain related infrastructure in parks.
15. New or additional planting or landscaping undertaken in parks must consider the recommendations of the *Local Habitat Strategy* (2007).
16. Consider the principles of Council's *Physical Access Policy* (2006) in conjunction with the Park Design Guidelines.

These actions are listed alongside the identified new management actions in **Table 8**. To differentiate between the two types of actions the actions above will be referred to as “Ongoing” actions.

Value: Recreational Experiences

Objective: To manage and develop parks and reserves in a manner which provides for a diverse range of recreational experiences

Performance Target: Increase opportunities for a mix of informal passive and active recreational activities in parks and reserves

Means of Assessment:

- Playground inspection reports
- User surveys
- Community Survey (satisfaction

<i>legend</i>	<i>Council section</i>
PR&F	Parks, Reserves and Foreshores
P&D	Planning & Development
NE	Natural Environment
C&SS	Community and Safety Services
C	Compliance
SP	Strategic Planning
S&P	Strategy and Policy
R,T&W	Roads, Traffic and Waste
P&CD	Property and Commercial Development

Table 8

Topic	Actions	Priority	RESP.	Cost and Resources
Provision of facilities	RE1 This Plan authorises provision of facilities that protect, enhance or are consistent with community values identified in this Plan, such as picnic tables, pathways, public toilets, exercise equipment, lighting, minor recreational facilities (e.g. basketball hoops) etc. Facilities are to be provided in accordance with Council's <i>Asset Management Policy</i> (2003), <i>Physical Access Policy</i> (2006) and <i>Park Design Guidelines</i> .	Ongoing	All	Project based
	RE2 Assess locations and distribution of assets in parks identified on Council's Geographical Information System and identify areas of under-supply or over-supply.	H	PR&F, S&P	Staff resources
Balanced opportunities	RE3 Consider Park Design Guidelines when developing or upgrading neighbourhood and local parks.	Ongoing	All	Staff resources
Playgrounds	RE4 Implement the recommendations of the <i>Playground Strategy</i> (2007) and the annual <i>Playground Improvement Program</i> . Refer to the Playground Design Checklist (<i>Playground Strategy</i> (2007) Appendix D) when upgrading playground equipment and associated features.	Ongoing	PR&F	Project based. Annual budget of \$250,000 and subject to additional Developer Contribution Funding.
Linkages	RE5 Investigate opportunities to improve walking and cycle linkages between existing open space, schools, residential areas and shopping precincts and develop a public space accessibility plan, in accordance with <i>Living Warringah Strategy</i> LC4.2.	H	PR&F S&P, R&T,	Staff resources

Topic	Actions	Priority	RESP.	Cost and Resources
	RE6 Provide facilities in neighbourhood parks along bicycle and pedestrian networks identified in the <i>Warringah Bicycle Plan</i> (1998 – currently under review) and <i>Warringah Regional Multiple-use Trails Strategy</i> (2007). Facilities to be considered include taps for drink container refilling, seating, and where appropriate bike parking facilities.	M	PR&F, RT&W	Project based
	RE7 Improve pedestrian access to Coster Reserve from Sunset Pl, Frenchs Forest (as recommended in the <i>Playground Strategy</i> (2007)	L	PR&F	Project based
Dog exercise areas	RE8 Update Council's website to include information on time restrictions placed on unleashed dog exercise locations.	L	C	Staff resources
	RE9 Signage is to identify prohibited activities and relevant restrictions on dog exercise areas.	M	C	Staff resources
Youth facilities	RE10 Investigate potential locations for the installation of minor youth recreation facilities, such as basketball hoops, and the provision of youth spaces that encourage unstructured outdoor activity. Develop locations as appropriate.	H	PR&F CSS	Staff resources

Value: Social and Cultural Interaction

Objective: To manage parks and reserves in a manner which protects and enhances their social and cultural qualities

Performance Target: Ensure facility provision, maintenance and management of parks and reserves, creates inviting spaces

Means of Assessment:

- Regular assessment of community opinion, behaviour and complaints
- Reserve booking reports
- User surveys

Table 8

Topic	Actions	Priority	RESP.	Cost and Resources
Community Garden	SC1 Investigate options for suitable locations for community gardens.	M	NE, PR&F, S&P	Staff resources
Permissible Uses and Reserve Bookings	SC2 Develop policy for reserve bookings that identifies appropriate and permitted uses of neighbourhood parks and associated terms and conditions for use.	H	PR&F S&P	Staff resources
	SC3 Provide information on park locations and permissible uses on Council's website	M	PR&F S&P	Staff resources
	SC4 Signage within parks and reserves is to be renewed in accordance with Council's Corporate Communications and Visual Standards Manual. Signage is to identify prohibited activities and relevant restrictions. Parks that are located on or adjacent to a wildlife corridor and that require new signage are to identify the wildlife corridor on the sign, subject to a cost benefit analysis being undertaken. A rollout strategy needs to be developed to identify staging of implementation given the significant number of parks and reserves.	M	PR&F	Subject to sign type, eg \$70 ea for recycled plastic bollard type
Facilities Provision (social settings)	SC5 Provide picnic facilities in appropriate locations in accordance with Park Design Guidelines (Appendix B).	M	PR&F	Subject to type and scale of facilities installed
Community Stewardship	SC6 Develop additional programs aimed at attracting and inviting local residents and volunteers to be involved in the ongoing care and embellishment of parks and reserves.	L	PR&F, NE	Staff resources

Value: Accessibility and Safety

Objective: To ensure parks and reserves are maintained as safe, useable spaces that are accessible to and distributed equitably among the whole community

Performance Target:

- Increase awareness of park locations and permitted uses, and improve accessibility to open spaces
- Resolve outstanding tenure issues to secure Council's management of public open space and promote public access
- Ensure provision of safe and inviting places

Means of Assessment:

- Asset management condition reporting
- Playground inspection reports
- Management control of identified land parcels
- User surveys

Table 8

Topic	Actions	Priority	RESP.	Cost and Resources
Land management and ownership transfers	AS1 Request Department of Lands to formally transfer management of the reserve between Orara and Lyly Roads (Allambie) to Council. Name park and install associated signage and playground in accordance with <i>Playground Strategy</i> (2007) (see action RE4)	H	P&CD PR&F	Staff resources. Playground as part of RE4
	AS2 Request Department of Lands to formally transfer management of the park at the corner of Parkes and Plateau Roads (Lot 7051 DP 1051205) to Council. Establish playground, name park, and install associated signage.	H	P&CD PR&F	Staff resources Playground subject to costing
	AS3 If further subdivision is proposed to the north-west of Corymbia Circuit request transfer of Crown land to Council for future park/playground (e.g. part of parcel 18389, Lot 1008 & parcel 18390, lot 1009 DP 75038).	H	P&CD S&P	Staff resources
	AS4 Reclassify the land at the corner of Cooksey Ave and Wyadra Ave (Freshwater) from road reserve to community land categorised as park to formalise use of the land as a playground.	L	P&CD	Staff resources

Topic	Actions	Priority	RESP.	Cost and Resources
	AS5 Investigate acquisition of RTA or Dept of Planning land for a neighbourhood park between Serpentine Crescent and Burnt Bridge Creek.	L	P&CD	Staff resources
Rationalisation of parks and reserves	AS6 Consider rationalisation of parks and reserves in areas where they are considered to be in over supply, such as north Allambie Heights, west Belrose, north east Beacon Hill, south Davidson, west and east Frenchs Forest, Killarney Heights and north Terrey Hills. Rationalisation needs to be considered in context of overall recreational needs of the community and distribution of community and Crown land.	L	P&CD	Staff resources
New open space areas	AS7 Purchase fourth parcel located between three existing parcels in Council ownership in Old Pittwater Road, Brookvale. Once land is acquired, complete demolition of existing structures and turf.	H	P&CD, PR&F	Section 94 funds to be allocated for establishment of park in 2009/10
	AS8 Should Collaroy Plateau village be redeveloped, Council will seek to negotiate with property owners the allocation of open space for a park.	H	SP, P&D	Staff resources
	AS9 Any future subdivision to the north-west of Cromer urban area to include provision for a neighbourhood park adjacent to the residential boundaries.	L	SP, P&D	Staff resources
	AS10 Consider use of reserve in Corymbia Circuit, Frenchs Forest, for passive recreational use.	M	PR&F, NE	Staff resources
	AS11 Investigate opportunities to provide a neighbourhood park around Coles Road and Marlborough Crescent or MacDonald Street (Freshwater).	L	P&CD, PR&F	Staff resources
	AS12 Design and construction (in consideration of adjacent Manly Vale Community Centre site) of either a new playground or community garden and ancillary works at 4&6 Innes Road in Manly Vale.	H	PR&F	\$80,000 allocated for 2008/09
	AS13 Develop criteria for future open space provision and dedications from development or subdivisions. Criteria should include: the provision of more suitable land for the purpose of public recreation (e.g. while a creek line may add visual amenity it does not provide an area for informal recreational activities such as ball games); maximum slope; facilitation of links to other open space; and absence of inappropriate services such as high voltage power lines.	H	SP, S&P, PR&F	Staff Resources
Lighting	AS14 Assess the need for lighting to enhance shared pathway environments through neighbourhood parks. Install lighting where appropriate in accordance with the principles of Crime Prevention Through Environmental Design (CPTED).	L	PR&F	Staff Resources

Topic	Actions	Priority	RESP.	Cost and Resources
Information	AS15 Update park inventory to reflect park hierarchy and include list of facilities located at each park. Make park inventory publicly available. Include information on parks and associated facilities on Council's website.	H	S&P, PR&F	Staff Resources
Safety	AS16 Apply "Safer by Design" principles to any design, facilities or infrastructure for parks. These principles aim to ensure that development application proposals are routinely assessed for crime risk, and that preventable risk is reduced before the development is approved.	L	PR&F C&SS	Staff Resources

Value: Environmental and Aesthetic Quality

Objective: To protect and enhance the natural environment and appearance of parks and reserves through appropriate maintenance and management

Performance Target:

- Rehabilitate creeks, control weeds, reduce flooding impacts and protect and improve natural bush and habitat areas
- Create attractive and inviting open spaces

Means of Assessment:

- Asset management condition reporting & natural area condition surveys
- Regular assessment of reserves – maintenance reports

Community satisfaction and user surveys

Table 8

Topic	Actions	Priority	RESP.	Cost and Resources
Landscaping	EA1 Identify mown areas that are not used for passive or active recreation which can be planted out with habitat species that are appropriate to the area and its intended use (<i>Local Habitat Strategy</i> (2007): 19).	M	PR&F, NE	Subject to planting densities and area involved.
	EA2 When designing a park, consider the (proposed) Landscape Planting and Design Code or other relevant landscaping principles (the Code was recommended for development in the <i>Local Habitat Strategy</i> (2007)).	M	S&P, PR&F	Staff resources
	EA3 Develop guidelines to assist local residents that wish to undertake volunteer landscaping of neighbourhood parks. The guidelines should ensure values of parks are protected and enhanced and open space is not alienated, whilst supporting community stewardship of neighbourhood parks (see action SC6).	M	PR&F, NE S&P	Staff resources
Encroachments	EA4 Identify areas of encroachments and undertake compliance action to ensure areas of public open space are preserved.	L	C, PR&F	Staff resources
	EA5 The draft Warringah LEP Template is to identify controls in relation to development near parks.	H	SP	Staff resources

Topic	Actions	Priority	RESP.	Cost and Resources
Creeklines	EA6 Before undertaking any works to a creekline, consider recommendations of the <i>Creek Management Study</i> (2005) and any relevant policy or procedure if creek erosion impacts parks. When placing assets in parks that include creeks consider potential damage or impacts of flooding to the particular asset.	Ongoing	NE, PR&F	Staff Resources
Wildlife Corridors	EA7 Whilst maintaining park values, provide additional landscaped areas in neighbourhood parks within or adjacent to wildlife corridors identified in the Warringah <i>Natural Area Survey Wildlife Corridors</i> (2005). Appropriate plant species should be selected in accordance with the <i>Local Habitat Strategy</i> (2007). If parks fall into wildlife corridors or are adjacent to core bushland responsibility for actions is shared with the Natural Environment unit of Warringah Council. The relationship between neighbourhood parks, core bushland and habitat corridors is shown in Appendix E.	L	PR&F, NE	Project based, subject to site area.
Maintenance	EA8 Undertake an annual assessment of the maintenance requirements of the reserves taking community expectations and Council resources into consideration. Develop and amend service standards as appropriate.	H	P,R&F	Staff resources
	EA9 Maintain system for reporting, monitoring and recording the condition of park infrastructure.	H	PR&F	Staff resources.
Rationalisation of assets	EA10 As park assets deteriorate, assess opportunities to rationalise assets which are no longer required by the community (e.g. excessive taps, bollards, furniture engulfed by bushland).	Ongoing	PR&F	Staff resources. Removal costs based on asset type.

5. Implementation

The action plan is to be reviewed annually during the preparation of Council's annual *Strategic Community Plan*. Projects and actions identified in this PoM will be assessed against other priorities of Council. Commitment to implementing particular actions is given once these actions appear in Council's *Strategic Community Plan* and related annual corporate planning documents.

The listing of an action in a Plan of Management is not a guarantee that it will be implemented within the life of this Plan but the priority system and annual review is designed to make sure that the actions are continually assessed and considered. In some cases actions may be undertaken as part of a larger project or part of another action but should still be included in the annual review process.

5.1 Financial considerations

Financial considerations related to the implementation of this PoM are guided by Warringah Council's *Financial Planning Policy* (2007) in which the long-term Financial Strategy and Assets Management Strategic Framework is outlined. The aim of this policy is to make sure that Council manages the finances in such a way that balances community needs with long term financial sustainability.

The development of the annual *Strategic Community Plan* and budget will be guided by the following principles:

1. Council's strategic management processes include financial plans prepared on a rolling 10 year basis, asset management plans of at least 20 years and a works plan covering a 4 year cycle.
2. Projected operating revenues are set at a level sufficient to meet projected operating expenses.
3. Investment in the renewal of assets will increase each year to meet the full cost of asset depreciation by 2011-2012, and thereafter increased to keep pace with the depreciation of assets.
4. Asset renewals are funded by the depreciation expense.
5. New assets to support population growth are funded from developer's contributions.
6. New assets created to provide increased levels of service are to be funded from sources other than general revenue, including but not limited to loans.
7. Proceeds from the sale of real property are used in accordance with the "Sale of Real Property – Allocation of Funds" policy.

8. Excess accumulated working capital to be applied to “one off” projects that improves financial sustainability and builds capacity for the community.
9. Annual budget surpluses be applied to the repayment of debt.

Developer contributions are collected under Section 94A of the *Environmental Planning and Assessment (EP&A) Act 1979*. Council collects funds towards the capital cost of providing new infrastructure and services necessary to meet the increased demand created by a new development in the area.

All new asset development proposals noted in this Plan will be assessed against other priorities of Council and alternative funding sources may need to be sourced to enable their implementation.

5.2 Leases and Licences

All leases, licences and other estates are to comply with the requirements of the *Local Government Act 1993* (LGA 1993), the *Crown Lands Act 1989* (CLA 1989), and relevant regulations.

Licences are for short term occupation or control of all or part of an area. A number of licences can apply to the same site at the same time provided there is no conflict of interest (*Local Government Act 1998* and *Land Management Manual*, LGA 1993). By contrast, leases are generally exclusive and long-term commitments.

A lease is generally provided where exclusive use of all or part of an area is required due to the scale of investment, security measures or the relationship between the activity on the land and the activity of the controller of the land (e.g. football stadium and racecourse) or would be desirable in the interest of the management of the area (*Land Management Manual*, LGA 1993).

Council supports a multi user approach and generally prefers the use of licences rather than leases.

In addition to the general requirements of the *Local Government Act 1993* Council has the following guidelines:

- All licences for commercial activities are to be in keeping with the public recreation purpose of the land, must not unreasonably alienate the land, have a component of community benefit and/or demonstrate a clear nexus between the activity and the reserves.
- Council policy supports a multi-use approach to community assets and prefers user agreements (typically a seasonal licence) that allow for a broad range of uses.
- No licences/permits for purely commodity/product marketing and promotional purposes shall be permitted.
- All licences or permits must comply with all relevant Council policies.
- All licences of facilities/areas covered by this Plan should encourage broad community use and access to facilities/areas where possible at all reasonable times.
- Alcohol can only be served for a function that directly supports the licence holder, and is not sublet for a secondary benefit, and only under the terms of a valid function licence at venues and times suitable for the purpose.
- Safer by Design principles will be taken into account for permits and user agreements.

For Crown land, the *Crown Lands Regulation* (2006), Clause 31, prescribes uses for temporary licences as follows:

“(1) For the purposes of section 108(1) of the Act, in addition to grazing, the purposes for which a temporary licence may be granted are as follows:

- a) Access through a reserve,*
- b) Advertising,*
- c) Camping using a tent, caravan or otherwise,*
- d) Catering,*
- e) Emergency occupation,*
- f) Entertainments,*
- g) Equestrian events,*
- h) Exhibitions,*
- i) Filming (within the meaning of the Local Government Act 1993),*
- j) Functions,*
- k) Hiring of equipment,*
- l) Holiday accommodation,*
- m) Markets,*
- n) Meetings,*
- o) Military exercises,*
- p) Mooring of boats to wharves or other structures,*
- q) Sales,*
- r) Shows,*
- s) Sporting and organised recreational activities,*
- t) Stabling of horses,*
- u) Storage.”*

Table 9 lists the leases, licences and other estates that have been included and authorised within this Plan of Management.

Table 9 Leases and Licences authorised within this Plan of Management

Authorised Lease, Licence or other Estate	Additional Conditions of leases, licences or other estates.
<p>This Plan of Management expressly authorises the granting of a lease, licence or other estate for the purpose of outdoor dining associated with restaurants or cafes adjoining public open space, where the use of the open space is ancillary to the public recreation purpose or category, and does not unnecessarily alienate the open space.</p>	<p>Agreements must be in accordance with relevant legislation and take into consideration any other Council policies and strategies relevant to community land categorised as Park, such as the <i>Outdoor Eating Area Policy</i> (2006) or the <i>Commercial Use Policy</i> (interim 2006 - CCS-PL 612).</p> <p>Agreements must take into consideration the <i>Crown Lands Act</i> 1989, public purpose of land as reserved by the Crown and any Crown policies such as the <i>Food and Beverage Policy</i>.</p>
<p>This Plan of Management expressly authorises the granting of a lease, licence or other estate on parks for the purpose of recreational, community or educational activities. This authorisation includes activities such as:</p> <ul style="list-style-type: none"> • Educational programs • Ceremonies • Community meetings • Community gardens • Markets • Sporting carnivals/contests • Triathlons/fun runs • Sport classes • School events • Sport related services from which there is significant public benefit (e.g. recreation/health programs) • Sports training • Scientific research/data collection • Mobile food and beverage vendors (not where shops exist adjacent) • Other not-for-profit activities consistent with the park category and any such uses which are generally associated with the use of the land. 	<p>Agreements must be in accordance with relevant legislation and take into consideration any other Council policies and strategies relevant to community land categorised as park, such as the <i>Outdoor Eating Area Policy</i> (2006) or the <i>Commercial Use Policy</i> (2006).</p> <p>Agreements must take into consideration the <i>Crown Lands Act</i> 1989, public purpose of land as reserved by the Crown and any Crown policies such as the <i>Food and Beverage Policy</i>.</p> <p>Council's Community Facilities Management and Subsidies Policy are to be adhered to.</p>
<p>This Plan of Management expressly authorises the granting of a lease, licence or other estate for the purposes of telecommunication facilities location and access, where the installation of these facilities would not be inconsistent with the category or public purpose of the land.</p>	<p>Agreements must be in accordance with relevant legislation and take into consideration any other relevant Council policies, strategies and procedures</p>
<p>This Plan of Management expressly authorises the granting of a lease, licence or other estate for the purposes of café or kiosk on Jacka Park, Walter Gors Reserve and Howard Avenue Reserve.</p>	<p>Agreements must be in accordance with relevant legislation and take into consideration any other relevant Council policies, strategies and procedures. Specifically, any proposal for a kiosk or café on any of the identified three parks would require the submission of a development application which in turn would be subject to consultation with local businesses and neighbouring properties.</p>

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Crown Lands Policies

Policy Position: Food and Beverage Outlets on Crown Reserves (Crown Lands Circular No. 2001/03);

Draft Policy Position: Clubs on Crown Reserves (September 1996);

Other

Pittwater Council, *Parks and Playgrounds Plan of Management 2007*

Taverner (2004) for Sydney Parks group

Australian Sports Commission, *Exercise, Recreation and Sport Survey (ERASS) 2006*

Appendix A

Parks covered by this Plan

Note: Reserves where a land parcel has more than one categorisation has been highlighted in grey

Reserve Name	Suburb	Lot	Section	DP	WLR_Tag	Type of park	Category	Public Purpose	Owner
25 OLD PITTWATER ROAD, BROOKVALE	Brookvale	C		374942	68E/10	Neighbourhood	Park		Community
29 OLD PITTWATER ROAD, BROOKVALE	Brookvale	A		374942	68E/9	Neighbourhood	Park		Community
31 OLD PITTWATER ROAD, BROOKVALE	Brookvale	1	1	1521	68E/11	Neighbourhood	Park		Community
ABINGDON STREET RESERVE	North Balgowlah	353		12316	76/18A	Local	Park		Community
ADARE RESERVE	Killarney Heights	7	80	758566	105/2	Neighbourhood	Park	Public Recreation	Crown
AITKEN RESERVE	Queenscliff	29		16941	73/2	District	Park		Community
	Queenscliff	30		16941	73/2A	District	Park		Community
	Queenscliff	31		16941	73/2B	District	Park		Community
	Queenscliff	32		16941	73/2C	District	Park		Community
	Queenscliff	33		16941	73/2D	District	Park		Community
	Queenscliff	34		16941	73/2E	District	Park		Community
	Queenscliff	35		16941	73/2F	District	park		Community
	Queenscliff	36		16941	73/2G	District	park		Community
	Queenscliff	37		16941	73/2H	District	park		Community
	Queenscliff	38		16941	73/2I	District	park		Community
	Queenscliff	39		16941	73/2J	District	park		Community
	Queenscliff	40		16941	73/2K	District	park		Community
	Queenscliff	41		16941	73/2L	District	park		Community
	Queenscliff	n/a		752038	73/3A	District	Park/NA/Watercourse	Public Recreation	Crown
	Queenscliff	n/a		752038	73/3B	District	Park/NA/Watercourse	Public Recreation	Crown
	Queenscliff	7099		1069853	73/4	Neighbourhood	Park/NA/Watercourse	Public Recreation	Crown
AKORA RESERVE	Frenchs Forest	F		36754	85/8	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
ALAMEIN RESERVE	Narraweena	93		35105	53/1B	Neighbourhood	Park		Community
	Narraweena	94		35105	53/1C	Neighbourhood	Park		Community
ALLAMBIE ROAD RESERVE	Allambie	7096		1023260	60/5	Neighbourhood	Park	Preservation of Aboriginal carvings and drawings	Crown
ALLAMBIE ROAD RESERVE (1)	Allambie	1	18	244808	60/3	Local	Park	Public Recreation	Crown
ALLWORTH RESERVE	Davidson	1	172	244404	6461/1	Local	Park	Public Recreation	Crown
ALTONA STREET RESERVE	Forestville	4		217882	97/9	Local	Park		Community
AMBLESIDE RESERVE (DUAL)	Collaroy	96		223849	44H/1	Neighbourhood	Park/NA/Bushland		Community
ANGOPHORA CRESCENT RESERVE	Forestville	2038		752038	86/1A	Neighbourhood	Park	Public Recreation	Crown
	Forestville	2037		752038	86/1B	Neighbourhood	Park	Public Recreation	Crown
ANKALI PLACE RESERVE	North Manly	19		249823	68I/4	Neighbourhood	Park		Community
	North Manly	10		249823	68I/5	Neighbourhood	Park		Community
ARANDA RESERVE	Frenchs Forest	17		226810	87/8	Neighbourhood	Park		Community
ARNHEM RESERVE	Allambie	8		229133	61I/3	Neighbourhood	Park		Community
ARTHUR RESERVE	Dee Why	13		12531	53/11	Neighbourhood	Park		Community
	Dee Why	14		12531	53/11A	Neighbourhood	Park/General Community Use		Community
ASHWORTH RESERVE	Belrose	1		225454	6480/3	Local	Park		Community
ATHLONE CRESCENT RESERVE	Killarney Heights	717		220167	104/11	Local	Park		Community
BALLINA RESERVE	Killarney Heights	279		215538	83/7	Neighbourhood	Park		Community
BANKSIA STREET RESERVE	Dee Why	1		803003	55/15A	Local	Park		Community
BEACON HILL BUSH FIRE BRIGADE	Narraweena	2788		45719	51/21	N/A	General Community Use	Bush Fire Brigade Purposes	Crown
BELMORE RESERVE	Cromer	26		240298	5131/2	Neighbourhood	Park		Community
BELROSE LIBRARY RESERVE	Belrose	10		231044	6480/4A	Neighbourhood	Park		Community
BENNETT STREET RESERVE	Curl Curl	2		558033	67E/1	Local	Park		Community
BEVERLEY JOB PARK	Narraweena	D		36448	53/3	Neighbourhood	Park		Community
BIRRONG RESERVE	Belrose	10		226095	6556/9	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
BLIGHS ROAD RESERVE	Cromer	67		236827	5132/2	Neighbourhood	Park		Community
	Cromer	1	124	237491	5132/1	Neighbourhood	Park	Public Recreation	Crown
BLUEGUM RESERVE	Frenchs Forest	106		30700	58/7	Local	Park/NA/Bushland		Community
BORONIA RESERVE	Belrose	27		237267	6632/1B	Neighbourhood	Park/NA/Bushland		Community
BRENTWOOD RESERVE	Frenchs Forest	9		221216	57/9	Neighbourhood	Park		Community
	Frenchs Forest	12		708367	57/14	Neighbourhood	Park	Public Recreation	Crown
BRICK PIT RESERVE	Frenchs Forest	1B		417447	59/10	Local	Park/NA/Bushland		Community
	Frenchs Forest	C		361887	59/2A	Local	Park/NA/Bushland		Community
BROWN STREET RESERVE	Forestville	18		221367	97/3	Neighbourhood	Park		Community
BURRAGA RESERVE	Terrey Hills	15		533443	6866/1	Neighbourhood	Park		Community
CALCA PARK	Forestville	47		29094	84/16A	Neighbourhood	Park		Community
	Forestville	52		29320	84/16B	Neighbourhood	Park		Community
CALOOL CRESCENT RESERVE	Belrose	13		245930	6629/1	Local	Park	Public Recreation	Crown
CAMIRA CLOSE RESERVE	Belrose	2		516286	6554/1	Local	Park		Community
CANEA RESERVE	Allambie	36		28452	60/11	Neighbourhood	Park		Community
CAREDEN RESERVE	Beacon Hill	13A		30871	52/5A	Neighbourhood	Park		Community
	Beacon Hill	13		224201	52/6	Neighbourhood	Park		Community
	Beacon Hill	7		209191	52/7	Neighbourhood	Park		Community
CARNARVON DRIVE RESERVE	Frenchs Forest	53		808175	58/19	Local	Park		Community
CASTLE RESERVE	Belrose	14		222115	6556/4	Neighbourhood	Park		Community
CASUARINA RESERVE	Forestville	14		29627	96/14	Neighbourhood	Park		Community
CAVILL STREET RESERVE	Freshwater	PTA		342028	73/12A	Local	Park		Community
	Freshwater	PTB		342028	73/12B	Local	Park		Community
CHARLEROI RESERVE	Belrose	8		239774	6631/2A	Neighbourhood	Park		Community
	Belrose	1		244433	6631/2B	Neighbourhood	Park		Community
	Belrose	11		706926	6631/6	Neighbourhood	Park		Community
CHESTERMAN RESERVE	Davidson	7	173	244599	6461/2	Local	Park	Public Recreation	Crown
CHILDS CIRCUIT RESERVE	Belrose	54		270334	6630/6	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR_Tag	Type of park	Category	Public Purpose	Owner
COLLARROY ESCARPMENT RESERVE (1)	Collaroy	41		8035	42/9B	Local	Park/NA/Bushland		Community
		39		8035	42/8	Local	Park/NA/Bushland		Community
		40		8035	42/9A	Local	Park/NA/Bushland		Community
		6	K1	433256	42/16A	Local	Park/NA/Bushland		
		7	K1	433256	42/16B	Local	Park/NA/Bushland		
		8	K1	433256	42/15B	Local	Park/NA/Bushland		
COOK STREET RESERVE	Forestville	2717		241135	84/12	Neighbourhood	Park/NA/Bushland		Crown
COREEN RESERVE	Terrey Hills	4		238356	6867/1	Neighbourhood	Park		Community
CORELLA STREET RESERVE	Freshwater				66/11	Local	Park		Community
	Freshwater	490		802011	66/15	Local	Park/NA/Bushland	Public Recreation	Crown
COSTER RESERVE	Frenchs Forest	29		203735	57/6	Neighbourhood	Park		Community
	Frenchs Forest	22		201718	57/7	Neighbourhood	Park		Community
	Frenchs Forest	25		204356	57/8	Neighbourhood	Park		Community
COUTTS CRESCENT RESERVE	Collaroy	54		236457	47/7	Local	Park		Community
CRAWFORD PLACE RESERVE	Beacon Hill	12		217829	62H/1A	Local	Park		Community
	Beacon Hill	13		217829	62H/1B	Local	Park		Community
CROWN ROAD RESERVE	Queenscliff	1		657290	73/11	Neighbourhood	Park		Community
	Queenscliff	B		188712	73/33A	Neighbourhood	Park		Community
	Queenscliff				73/33B	Neighbourhood	Park		Community
	Queenscliff	23		2542	73/46	Neighbourhood	Park		Community
	Queenscliff	1		935567	73/52	Neighbourhood	Park		Community
	Queenscliff	22		2542	73/54	Neighbourhood	Park		Community
	Queenscliff	61		190623	73/59	Neighbourhood	Park		Community
DARLEY STREET RESERVE (NO 2)	Forestville	26	77	758566	105/6	Neighbourhood	Park		Crown
DARLEY STREET RESERVE (NO 3)	Forestville	16		28019	96/13A	Neighbourhood	Park		Community
	Forestville	17		28878	96/13B	Neighbourhood	Park		Community
DEE WHY PARADE RESERVE	Dee Why	12		858772	55/19	Neighbourhood	Park		Community
	Dee Why	5B		370111	55/5	Neighbourhood	Park		Community
DONEGAL RESERVE	Killarney Heights	574		217209	83/4	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
DOROTHY RESERVE	Cromer	6		221132	50A/4	Local	Park		Community
DUNCAN RESERVE	Terrey Hills	6		252828	6861/1	Neighbourhood	Park		Community
EDGAR CORNELL WILDFLOWER GARDEN	Collaroy	37		8035	42/7C	Local	Park/NA/Bushland		Community
	Collaroy	24		8035	42/7D	Local	Park/NA/Bushland		Community
	Collaroy	25		8035	42/7E	Local	Park/NA/Bushland		Community
EILEEN STREET RESERVE	North Balgowlah	142		11915	75/1	Neighbourhood	Park		Community
ELTHAM RESERVE	Beacon Hill	26		202887	52/11	Neighbourhood	Park		Community
	Beacon Hill	35		30337	52/12	Neighbourhood	Park		Community
EPACRIS RESERVE (NO 1)	Forestville	24		27447	97/5	Neighbourhood	Park		Community
EPACRIS RESERVE (NO 2)	Forestville	30		228263	97/4	Neighbourhood	Park		Community
EPPING DRIVE RESERVE (NO 1)	Frenchs Forest	86		216410	58/6	Local	Park		Community
ESTELLE RESERVE	Frenchs Forest	109		235700	91/10	Neighbourhood	Park		Community
	Frenchs Forest	4		844816	91/20	Neighbourhood	Park		Community
EVANS RESERVE	Freshwater	7	B	5398	73/30	Neighbourhood	Park		Community
F.J.MACHON RESERVE	Allambie	32		28834	60/10	Neighbourhood	Park		Community
FAIRWAY RESERVE	Manly Vale	15		236916	77/2	Neighbourhood	Park		Community
FIELDING RESERVE	Collaroy	PT25	4	7445	46/12	Neighbourhood	Park		Community
	Collaroy	PT24	4	7445	46/9	Neighbourhood	Park		Community
FINIAN RESERVE	Killarney Heights	11	85	758566	105/4	Neighbourhood	Park	Public Recreation and Access	Crown
FORESTVILLE PARK	Frenchs Forest	24		29604	85/15	Local	park		Community
	Frenchs Forest	20		29893	85/16	Local	park		Community
	Forestville	1615		752038	59/7	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
FRENCHS FOREST BABY HEALTH CTR/RESERVE	Frenchs Forest	1		393796	85/4	Local	Park		Community
GEELONG ROAD RESERVE	Cromer	4		222848	50A/3	Local	Park		Community
	Cromer	25		11799	50A/38	Local	Park		Community
GILAI RESERVE	Allambie	6	113	252471	70E/3	Neighbourhood	Park	children's playground	Crown
GILLES RESERVE	Beacon Hill	65		222326	52/3	Neighbourhood	Park (only)		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
GLADYS AVENUE RESERVE	Frenchs Forest	11		25713	58/5	Local	Park		Community
GOROKA PARK	Beacon Hill	16		29701	61H/8	Neighbourhood	Park/NA/Bushland		Community
	Beacon Hill	1535		752038	61H/1	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
GRASMERE RESERVE	Collaroy	22		203100	44E/4	Local	Park (only)		Community
	Collaroy	17		201593	44E/5	Local	Park/NA/Bushland		Community
GREENDALE RESERVE NO 1	Frenchs Forest	11		200712	89/11A	Neighbourhood	Park		Community
	Frenchs Forest	68		229857	89/11B	Neighbourhood	Park		Community
	Frenchs Forest	25		224556	89/12	Neighbourhood	Park		Community
GREENDALE RESERVE NO 2	Frenchs Forest	56		227536	89/8	Neighbourhood	Park		Community
	Frenchs Forest	2		205483	89/9	Neighbourhood	Park		Community
GWARRA RESERVE	Forestville			752038	97/1	Local	Park/NA/Bushland		Crown
HAIGH AVENUE RESERVE	Belrose				6463/4	Local	Park		Community
HALL RESERVE	Collaroy	16	15	7224	42/19	Neighbourhood	Park		Community
HINKLER PARK	North Manly	7125		1069860	73/1A	District	Park/NA/Watercourse	Public Recreation	Crown
	North Manly	7126		1069860	73/1B	District	Park/NA/Watercourse	Public Recreation	Crown
HOLBORN RESERVE	Dee Why	6	5	9125	54/37	Local	Park		Community
HOWARD AVENUE RESERVE	Dee Why	1		364010	54/15	District	Park	Open Space	Operational/Community
HYDE AVENUE RESERVE	Killarney Heights	624		217209	83/5B	Local	Park		Community
	Killarney Heights	666		217209	83/5C	Local	Park/NA/Bushland		Community
ILFORD RESERVE	Frenchs Forest	62		219202	58/4	Neighbourhood	Park		Community
ILFORD ROAD RESERVE	Frenchs Forest	29		217111	58/3	Local	Park		Community
ILIKAI RESERVE	Dee Why	6		236914	54/34	Neighbourhood	Park		Community
INNES ROAD No 4	Manly Vale	3		9392		Neighbourhood	Park		Community
INNES ROAD No 6	Manly Vale	4		9392		Neighbourhood	Park		Community
INNES ROAD No 8	Manly Vale	5		9392	77/6	Neighbourhood	Park		Community
JACKA PARK	Freshwater	17		8502	73/31B	District	Park		Community
	Freshwater	403		752038	73/31A	District	Park	Public Recreation	Crown
JARRAH PLACE RESERVE	Frenchs Forest	66		224759	6480/1	Local	Park		Community
	Frenchs Forest	53		224441	6480/2	Local	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
JIMADA AVENUE RESERVE	Frenchs Forest	34		31106	57/3	Neighbourhood	Park		Community
	Frenchs Forest	9A		31074	57/4	Neighbourhood	Park		Community
	Frenchs Forest	24		31073	57/5	Neighbourhood	Park		Community
JINDABYNE RESERVE	Frenchs Forest	5		205483	58/10	Neighbourhood	Park/NA/Bushland		Community
KALGAL RESERVE	Frenchs Forest	7		224535	91/1	Neighbourhood	Park		Community
KALIANNA RESERVE	Beacon Hill	11		28206	62H/2A	Neighbourhood	Park		Community
	Beacon Hill	12		28206	62H/2B	Neighbourhood	Park		Community
KAMBORA AVENUE RESERVE	Davidson	23	160	247495	6459/3	Neighbourhood	Park, GCU	children's playground	Crown
KAPUNDA RESERVE	Belrose	17		222330	6558/4	Neighbourhood	Park		Community
KARALTA CRESCENT RESERVE	Belrose	22		227845	6554/3	Local	Park		Community
KARINA RESERVE	Belrose	41		221112	6226/4	Neighbourhood	Park		Community
KEEGAN RESERVE	Forestville	9		220075	84/14	Neighbourhood	Park		Community
	Forestville	48		29094	84/15	Neighbourhood	Park		Community
KERRY RESERVE	Beacon Hill	26		200361	56/3	Neighbourhood	Park		Community
KEW CLOSE RESERVE	Belrose	6		242628	6557/5	Local	Park		Community
	Belrose	11		236931	6557/6	Local	Park		Community
KILLARNEY HEIGHTS SHOPPING CENTRE	Killarney Heights	847		219006	104/15C	Neighbourhood	Park		Community
	Killarney Heights	848		219006	104/15D	Neighbourhood	Park		Community
	Killarney Heights	974		547938	104/17	Neighbourhood	Park		Community
	Killarney Heights	969		240723	104/18	Neighbourhood	Park		Community
	Killarney Heights	2		879900	104/20	Neighbourhood	Park		Community
KING STREET RESERVE (N0 1)	Manly Vale	37		262044	76/4	Neighbourhood	Park		Community
	Manly Vale	149		11320	76/5	Neighbourhood	Park		Community
KING STREET RESERVE (N0 2)	Manly Vale	36		262044	76/3	Neighbourhood	Park		Community
KINSDALE RESERVE	Killarney Heights			752038	96/11	Neighbourhood	Park	children's playground	Crown
KOKODA CRESCENT RESERVE	Beacon Hill	10	107	245548	61H/2	Local	Park		Community
KURARA RESERVE	Terrey Hills	17		238404	6865/1	Neighbourhood	Park		Community
	Terrey Hills	46		237643	6865/2	Neighbourhood	Park		Community
LAE RESERVE	Allambie	1523		752038	61I/1	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
	Allambie	13		237417	61I/2	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
LAKESIDE CRESCENT RESERVE	North Manly	1		317966	72/1	Neighbourhood	Park/NA/Watercourse		Community
	North Manly	1492		752038	72/2A	Neighbourhood	Park/NA/Watercourse	Public Recreation	Crown
	North Manly	9	4	1448	72/2B	Neighbourhood	Park/NA/Watercourse	Public Recreation	Crown
	North Manly			752038	72/2C	Neighbourhood	Park	Public Recreation	Crown
	North Manly								
LARA PLACE RESERVE	Frenchs Forest	53		251996	89/7	Local	Park		Community
LASCELLES RESERVE	Narraweena	2		585832	52/13	Neighbourhood	Park		Community
LILLIHINA RESERVE	Cromer	15		218485	51/5	Neighbourhood	Park		Community
	Narraweena	17		215817	51/7	Neighbourhood	Park		Community
	Narraweena	14	130	32386	51/2B	Neighbourhood	Park	Public Recreation	Crown
	Narraweena								
LINDSAY RESERVE	Forestville	11		30413	97/13	Neighbourhood	Park		Community
	Forestville	12		30413	97/13A	Neighbourhood	Park		Community
	Forestville	13		30413	97/13B	Neighbourhood	Park		Community
	Forestville	26		30459	97/14	Neighbourhood	Park		Community
	Forestville	13		27842	97/6	Neighbourhood	Park		Community
	Forestville	23		30245	97/7	Neighbourhood	Park		Community
MAAS STREET RESERVE	Cromer	1		242220	51/1A	Local	Park		Community
		21	69	758304	51/1B	Local	Park	Public Recreation	Crown
MAITLAND RESERVE	Davidson	1	157	240153	87/5	Neighbourhood	Park	Public Recreation	Crown
MAKIM RESERVE	Curl Curl	46		16078	64H/6	Neighbourhood	Park		Community
	Curl Curl	75		16078	64H/7	Neighbourhood	Park		Community
MAPLE PLACE RESERVE	Belrose	33		227852	6557/3	Neighbourhood	Park		Community
MARCUS PLACE RESERVE	Frenchs Forest	1		812730	91/9	Neighbourhood	Park		Community
MAROA RESERVE	Allambie	1479		752038	70J/3	Neighbourhood	Park	Public Recreation and Public Hall	Crown
MAY ROAD RESERVE	Narraweena	1		445410	53/18	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
MEEHAN RESERVE	Cromer	11		29779	50A/1	Neighbourhood	Park		Community
	Cromer	4		30549	50A/2A	Neighbourhood	Park		Community
	Cromer	5		30549	50A/2B	Neighbourhood	Park		Community
MEREDITH PLACE RESERVE	Frenchs Forest	20		31062	85/10	Local	Park		Community
MERRILEE RESERVE	Frenchs Forest	81		235700	91/8	Neighbourhood	Park		Community
MICHELE RESERVE	Cromer	10		29456	48H/5	Neighbourhood	Park		Community
MIDDLE CREEK RESERVE (1)	Oxford Falls			752038	49/4E	Local	Park/NA/Bushland	public recreation and road corridor	Crown
MILL PARK	North Manly	8	4A	1448	72/11	Neighbourhood	Park/NA/Watercourse		Community
	North Manly	7144		1069857	72/12	Neighbourhood	Park/NA/Watercourse	Public Recreation	Crown
MILLS RESERVE	Beacon Hill	12		28757	61E/3A	Neighbourhood	Park		Community
	Beacon Hill	13		28757	61E/3B	Neighbourhood	Park		Community
	Beacon Hill	14		28757	61E/3C	Neighbourhood	Park		Community
MILPERA PLACE RESERVE	Cromer	8		219998	51/6A	Neighbourhood	Park		Community
	Cromer	29		218485	51/6B	Neighbourhood	Park		Community
MONARO RESERVE	Beacon Hill	21		202887	52/10A	Local	Park		Community
	Beacon Hill	Y		30753	52/10B	Local	Park		Community
MONSERRA AVE RESERVE	Allambie	1		635159	60/4	Local	Park		Crown
MOORAMBA PARK	Dee Why	3		805645	53/23	Neighbourhood	Park/GCU		Community
MUNNUMBA RESERVE	Belrose	48		237937	6630/2	Neighbourhood	Park		Community
	Belrose	26		237604	6630/3	Neighbourhood	Park		Community
NALYA ROAD RESERVE	Narraweena	25	134	758304	51/2C	Neighbourhood	Park	Public Recreation	Crown
NANDI RESERVE	Frenchs Forest	17		221359	58/12	Local	Park		Community
	Frenchs Forest	1		221359	58/15	Local	Park		Community
NARRABEEN CENOTAPH	Narrabeen	x		x	41/3	Local	Park	Public Recreation	Crown
NIANBILLA PLACE RESERVE	Frenchs Forest	11		234826	6491/1A	Neighbourhood	Park		Community
	Frenchs Forest	6		226698	6491/1B	Neighbourhood	Park		Community
OAKS AVENUE RESERVE	Dee Why	3		959825	54/36	Local	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
OCEANVIEW ROAD RESERVE	Freshwater	PT20	4	975183	73/26A	Local	Park		Community
	Freshwater			752038	73/26B	Local	Park		Community
OPALA RESERVE	Belrose	45		224801	6556/11	Neighbourhood	Park		Community
	Belrose	36		223409	6556/14	Neighbourhood	Park		Community
	Belrose	12	138	237714	6556/1	Neighbourhood	Park	Public Recreation	Crown
ORANA RESERVE	Belrose	32		241757	6225/1	Neighbourhood	Park		Community
PALING PLACE RESERVE	Beacon Hill	15		212972	52/9	Local	Park		Community
PALOMAR RESERVE	Freshwater	2		557080	72/3A	Neighbourhood	Park		Community
	Freshwater	3		557080	72/3B	Neighbourhood	Park		Community
PARKES ROAD RESERVE(3)	Dee Why	4		22185	48H/4	Local	Park		Community
PARR RESERVE	Narraweena	12		29736	51/17	Neighbourhood	Park		Community
PATANGA PARK	Frenchs Forest	80		25964	57/10A	Neighbourhood	Park		Community
	Frenchs Forest	81		25964	57/10B	Neighbourhood	Park		Community
	Frenchs Forest	82		25964	57/10C	Neighbourhood	Park		Community
	Frenchs Forest	89		25964	57/10D	Neighbourhood	Park		Community
	Frenchs Forest	88		25964	57/10E	Neighbourhood	Park		Community
	Frenchs Forest	87		25964	57/10F	Neighbourhood	Park		Community
PAVILION STREET RESERVE	Queenscliff	1		2463	73/9	Neighbourhood	Park		Community
PEPPERCORN PARK	Frenchs Forest	36		863357	58/23	Neighbourhood	Park		Community
PRAHRAN AVENUE RESERVE	Frenchs Forest			752038	91/4	Local	Park	Public Recreation	Crown
PRINCE CHARLES ROAD RESERVE	Belrose	1		88912	89/2	Local	Park		Community
PRINCESS MARY STREET RESERVE	Beacon Hill	25		30083	52/16	Neighbourhood	Park		Community
PUSAN RESERVE	Belrose	38		223046	6559/1	Neighbourhood	Park		Community
QUARRIE RESERVE	North Manly	PT1216		752038	681/1	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
R.O.W. ADJACENT 16 GOVETT PLACE	Davidson	5	198	249830	6462/4	Local	Park	Public Recreation	Crown
RABBETT RESERVE	Frenchs Forest	105		30700	58/9	Neighbourhood	Park/NA/Bushland		Community
RALSTON RESERVE	Belrose	3		239001	6225/2	Neighbourhood	Park		Community
RAMSAY RESERVE	Collaroy	6		8388	42/18	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
RANDALL RESERVE	Collaroy	14		29670	48H/6	Local	Park		Community
RANGERS RETREAT ROAD RESERVE	Frenchs Forest	PGRS		29446	59/6A	Local	Park		Community
	Frenchs Forest	13		233924	59/6B	Local	Park		Community
RICHTER RESERVE	Davidson	28	148	239942	6458/1	Neighbourhood	Park	Public Recreation	Crown
ROSELANDS RESERVE	Frenchs Forest	20		231693	91/7	Local	Park		Community
ROUNCE RESERVE	Forestville	27		200198	97/8	Neighbourhood	Park		Community
RYAN PLACE RESERVE	Beacon Hill	31		222817	62H/4	Neighbourhood	Park		Community
RYRIE AVENUE RESERVE (2)	Forestville	7		222648	96/10	Neighbourhood	Park		Community
RYRIE AVENUE RESERVE (NO 1)	Forestville	20		28033	96/7	Local	Park		Community
	Forestville	C		401980	96/8	Local	Park		Community
	Forestville	1		207094	96/9	Local	Park		Community
SHANNON RESERVE	Killarney Heights	541		231923	104/12	Neighbourhood	Park		Community
SPENCE PLACE RESERVE	Belrose	17		233660	6554/4	Local	Park		Community
	Belrose	10		229864	6554/5	Local	Park		Community
SPRINGVALE RESERVE	Frenchs Forest	2		629775	89/14B	Neighbourhood	Park/NA/Bushland		Community
STARKEY RESERVE	Killarney Heights	444		216441	83/11	Neighbourhood	Park		Community
	Killarney Heights	339		215538	83/6	Neighbourhood	Park		Community
STARKEY STREET DRAINAGE RESERVE	Forestville	2		220075	84/17	Local	Park		Community
STODDART RESERVE	Dee Why	16		29491	53/12	Neighbourhood	Park		Community
	Dee Why	13		205924	53/8	Neighbourhood	Park		Community
	Dee Why	5		229386	53/9	Neighbourhood	Park		Community
SULMAN RESERVE	Collaroy	2		577479	42/17	Local	Park		Community
SWAIN RESERVE	Manly Vale	13	G	975160	76/12A	Local	Park		Community
	Manly Vale	14	G	975160	76/12B	Local	Park		Community
	Manly Vale	15	G	975160	76/12C	Local	Park		Community
	Manly Vale	16	G	975160	76/12D	Local	Park		Community
TERRIGAL RESERVE	Terrey Hills	21		248766	6864/1	Neighbourhood	Park		Community
	Terrey Hills	16		241799	6865/3	Neighbourhood	Park		Community
THE CRESCENT RESERVE	Dee Why	1		7579	54/31	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR Tag	Type of park	Category	Public Purpose	Owner
THE GROVE RESERVE	Belrose	13		233867	6226/1	Local	Park		Community
	Belrose	2		878450	6226/9	Local	Park		Community
UNDULA RESERVE	Belrose	11		237568	6557/4	Neighbourhood	Park		Community
WAMBIRI PLACE RESERVE	Cromer	50		239026	4782/2A	Neighbourhood	Park		Community
	Cromer	19		239026	4782/2B	Neighbourhood	park		Community
WANDELLA RESERVE	Allambie			752038	70E/1	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
WALTER GORS RESERVE	Dee Why	E		19489	54/54	District	Park	Public Reserve	Community
	Dee Why	1		844245	54/53	District	Park	Public Reserve	Community
	Dee Why	D		19489	54/21	District	Park	Senior Citizen Cntr	Community
	Dee Why	A		19489	54/20	District	Park	Senior Citizen Cntr	Community
	Dee Why	C		19489	54/50	District	Park	Public Reserve	Community
	Dee Why	B		19489	54/46	District	Park	Public Reserve	Community
WAREHAM RESERVE	Frenchs Forest	38		215216	89/13	Neighbourhood	Park		Community
WARUNG RESERVE	Frenchs Forest	36		223376	6186/3	Neighbourhood	Park		Community
WATER PIPE RESERVE	Frenchs Forest	X		29273	85/11	Local	Park		Community
	Frenchs Forest	4		200086	85/19	Local	Park		Community
WATERFALL AVENUE RESERVE	Forestville	20		27798	84/10	Neighbourhood	Park		Community
	Forestville	13		27418	84/9	Neighbourhood	Park		Community
WATERFORD PLACE RESERVE	Killarney Heights	15	89	246185	105/5	Neighbourhood	Park	public recreation and access	Crown
WAYNE SCHIMANSKI RESERVE	Davidson	2761		752038	6461/5	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
WELLMAN RESERVE	Forestville	46		29792	85/2A	Neighbourhood	Park/NA/Bushland		Community
WENTWORTH RESERVE	Belrose	42		236064	6226/2	Local	Park		Community
	Belrose	8		31708	6226/3A	Local	Park		Community
	Belrose	9		31708	6226/3B	Local	Park		Community
WINDRUSH RESERVE	Belrose	29		240258	6629/2	Neighbourhood	Park		Community

Reserve Name	Suburb	Lot	Section	DP	WLR_Tag	Type of park	Category	Public Purpose	Owner
WINGALA RESERVE	Curl Curl	360		752038	65E/4	Local	Park/NA/Bushland	Public Recreation	Crown
WINGARA RESERVE	Belrose	20		223810	6556/12	Neighbourhood	Park		Community
	Belrose	2		230881	6556/2	Neighbourhood	Park/Sportsground		Community
	Belrose	2		230642	6556/3	Neighbourhood	Park/Sportsground		Community
	Belrose	54		232584	6556/5	Neighbourhood	Park		Community
	Belrose	103		597544	6556/6	Neighbourhood	Park		Community
	Belrose	102		585582	6556/7	Neighbourhood	Park		Community
	Belrose	72		231298	6556/8	Neighbourhood	Park		Community
	Belrose	21		227151	6556/13	Neighbourhood	Park		Community
	Belrose	14		223409	94/29	Neighbourhood	Park		Community
WINSOME RESERVE AND R.O.W.	North Balgowlah	PT16		8443	75/7	Neighbourhood	Park		Community
WOODBINE RESERVE	North Balgowlah	247		11497	75/2	Neighbourhood	Park		Community
WOOLGOOLGA RESERVE	North Balgowlah	1		793081	75/12	Neighbourhood	Park		Community
	North Balgowlah	93		23447	75/5	Neighbourhood	Park		Community
YALLAROI ROAD RESERVE	Narraweena	2	133	32388	51/2F	Local	Park	Public Recreation	Crown
YAMBA RESERVE	North Balgowlah	128		11915	75/4A	Neighbourhood	Park		Community
	North Balgowlah	129		11915	75/4B	Neighbourhood	Park		Community
	North Balgowlah	130		11915	75/4C	Neighbourhood	Park		Community
YANCO CLOSE RESERVE (NO 1)	Frenchs Forest	2746		752038	91/15	Neighbourhood	Park/NA/Bushland	children's playground	Crown
YARRABIN RESERVE	Belrose	34		222903	6559/4	Local	Park		Community
YINDELA RESERVE	Davidson	PT1		40426	6186/1	Neighbourhood	Park/NA/Bushland	Public Recreation	Crown
	Davidson	2768		752038	6186/2	Neighbourhood	Park	children's playground	Crown

Appendix B

Draft Park Design Guidelines

Council categorises parks in accordance with particular hierarchies to help establish organisational priorities for the provision of assets and services, identifying management regimes of parks, and for consideration when upgrading or developing parks. Typical level of use, recreational catchments, facilities and recreational opportunities associated with each park category are described in **Table 1**.

Table 1: Park Hierarchy Definitions

Park Category	Definition
Local	Small area of open space providing visual amenity more than recreational opportunities. May only be minor facilities such as seating provided.
Neighbourhood	Receive an intermittent, low level of use for a highly localised catchment within walking distance of residences and primarily provide for informal activities with some structured play opportunities. They have minimal development and may include play equipment, fencing, seating, and other minor associated built features.
District	Moderate level of use, servicing residents within the suburb and visitors from neighbouring suburbs. They are more developed with landscaping, barbecues, playgrounds, toilets and other associated built facilities. Cater for a mix of informal and formal recreation.
Regional	Has a catchment that extends beyond Warringah's boundaries. Services the local community as well as all Warringah residents and visitors predominantly from adjoining LGAs. They are extensively developed with a full range of facilities and are maintained to a high standard.

Council's Asset Management System will ultimately guide provision of assets, referred to as 'associated built features', in parks. The following guidelines should be considered however, when developing parks within Warringah.

Associated Features

- Associated Features will be dependent on the category of park. Generally, there will be limited associated built facilities in local parks. neighbourhood, district and regional parks will generally have increasing numbers or scale of built features, associated with their higher levels of use and available areas of space.
- Install associated features in accordance with relevant building codes and Australian Standards.

- Council should consider provision of appropriate facilities where the use will provide ancillary benefit to surround land uses or activities. For example, where parks are located adjacent to walking paths, bicycle paths or near business centres where people seek to take a break, seating should be considered.
- Design and location of associated features should support inclusive access. Picnic tables, for example, should allow wheelchairs to fit under the table, and have an appropriate hard surface to improve mobility.
- The design of associated features should consider the principles of Crime Prevention Through Environmental Design.
- As associated features deteriorate, assess opportunities to rationalize assets which are no longer required by the community (eg excessive taps, bollards, furniture engulfed by bushland).

Specific Associated Features

- **Barbeques:** Barbeques will generally only be provided in parks of district or regional scale.
- **Bicycle Racks:** Facilities should be designed and planned in accordance with AS 2890.3 – 1993 Parking Facilities Part 3 Bicycle Parking Facilities. Low security facilities to which a bicycle frame and wheels could be locked would generally be considered suitable.
- **Bicycle Paths:** Any pathways that may be constructed in parks to consider the Austroads Guide to Traffic Engineering Part 14 – Bicycles and the Warringah Bike Plan 1998.
- **Bins:** Will generally only be provided in parks of District or Regional scale.
- **Furniture:** The Warringah Design Guidelines documents specifications for street furniture to be used in public reserves in each region of distinctive character, for example, the bush and beach regions. Furniture should remain low key and be of a consistent and durable design. It must also be robust in its resistance to vandalism. Seating, benches and picnic settings need to be of a design which is difficult to remove from the ground, is not appealing for use in private gardens and is difficult to break up or take apart without tools. Location of furniture should consider provision for visual supervision, view opportunities and possibilities for social interaction.
- **Lighting:** Lighting in public open space is generally associated with facilities that require lighting for safety or use purposes, such as sports grounds or cycle and pedestrian pathways. Lighting should not generally be provided in neighbourhood parks as it can increase levels of anti-social behaviour. Appropriate lighting may be considered if there is a need to enhance shared pathway environments or other existing park facilities.
- **Memorials and Plaques:** Placement of memorials or plaques in public open space in Warringah needs to consider the *Memorials and Plaques Policy* (2002). The policy outlines criteria that must be satisfied for a memorial or plaque to be considered and aims to ensure design and siting of memorials and plaques is consistent with public interest.

- **Playgrounds:** The Playground Strategy provides the framework for the future planning and management of playgrounds in Warringah. The Playground Design Checklist included in the Strategy should be considered when designing playgrounds to be placed in Neighbourhood Parks and designing parks which will contain playgrounds.
- **Public Art:** Consider the *Public Art Policy* if public art is considered appropriate. Generally, public art will not be provided in neighbourhood and local parks as visitation levels and amount of open space areas would not be sufficient, that is art would receive greater exposure in areas of high pedestrian activity etc, however incorporating some art in functional elements such as paving, seating or playgrounds may be beneficial. There may be scope for consideration of public art should highlighting cultural or heritage values be considered appropriate.
- **Shade Structures:** Shading structures will generally only be associated with larger scale playgrounds found at District and Regional Parks. Shading in Neighbourhood and Local parks should primarily be provided by existing or new vegetation.
- **Signage:** Signage is to be provided in accordance with Council's Communication and Visual Standards Manual and Australian Standards.
- **Taps:** Taps shall be considered in parks with greater visitation such as those that include playgrounds, are adjacent to bicycle routes as identified in the *Warringah Bicycle Plan* (1998 – currently under review), picnic tables or other facilities that have a community service or legislative requirement or benefit from a continuous water supply (refill water bottles etc).
- **Toilets:** Shall generally only be considered in parks of district or regional scale.

Landscaping and Layout

- Parks located in or adjacent to Vegetation Corridors should be landscaped to enhance, continue or extend the corridors. Plant species should be selected in accordance with the *Local Habitat Strategy* (2007) and with advice from Conservation & Land Management.
- Provide suitable entry and exit points and appropriate levels of access to associated features. Consider ease of movement through a park.
- Consider the principles of the *Physical Access Policy*, particularly new council facilities should provide excellent access and comply with relevant standards, that new council infrastructure meets standards and that existing infrastructure is upgraded as opportunities arise.
- Landscaping and layout should consider existing natural features such as rock platforms, large trees, creeklines or topography to highlight particular areas or provide for interaction with natural features.
- Incorporate sufficient open space areas to cater for unstructured play, informal ball games, picnics or other social activities where possible.

- In accordance with the Social Plan 2006-2009, actively consider youth needs in the planning and use of public places and facilities.
- Utilise existing shade trees and consider additional planting for future shading requirements. Continual shading will prevent the need for temporary shade structures.

Linkages

- Park design to consider linkages to other areas of open space and attractors, such as beaches, schools, shopping centres etc.
- Consider linkages through parks such as footpaths and bicycle paths to encourage physical activity and community connectedness. For high use areas (only) consideration should be given to provision of bicycle racks where parks adjoin bicycle routes, include playgrounds, contain water services and have bench seats or picnic tables.

Naming of Parks and Reserves

- The *Naming of Parks and Reserves Policy* (2006) prescribes the process for the naming of parks, reserves and other recreational areas within Warringah Council boundaries.

Park Safety

- The design of parks should consider the principles of Crime Prevention Through Environmental Design.
- Fencing or other suitable barriers will be considered should it be necessary to separate park users from hazards. Consider the use of natural features such as mounds, rock and plantings as an alternative to manufactured fencing.
- Park design should permit passive surveillance from adjacent roads and properties. Where possible provide a balance between clear sightlines and areas for quiet relaxation and reflection.
- Provide areas for adult or caregiver supervision, with a degree of comfort and amenity. Evidence supports the view that good supervision limits the incidence of injury.

Demographics

- Consider the demographics of the surrounding area (suburb) when designing park layout, access and associated built features. Facilities should be provided appropriate to the demographics of the key user groups in a particular area.

Appendix C

Legislation

Local Government Act 1993 (extracts)

36E Core objectives for management of community land categorised as a natural area

The core objectives for management of community land categorised as a natural area are:

- a) to conserve biodiversity and maintain ecosystem function in respect of the land, or the feature or habitat in respect of which the land is categorised as a natural area, and
- b) to maintain the land, or that feature or habitat, in its natural state and setting, and
- c) to provide for the restoration and regeneration of the land, and
- d) to provide for community use of and access to the land in such a manner as will minimise and mitigate any disturbance caused by human intrusion, and
- e) to assist in and facilitate the implementation of any provisions restricting the use and management of the land that are set out in a recovery plan or threat abatement plan prepared under the Threatened Species Conservation Act 1995 or the Fisheries Management Act 1994.

36F Core objectives for management of community land categorised as a sportsground

The core objectives for management of community land categorised as a sportsground are:

- a) to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and
- b) to ensure that such activities are managed having regard to any adverse impact on nearby residences.

36G Core objectives for management of community land categorised as a park

The core objectives for management of community land categorised as a park are:

- c) to encourage, promote and facilitate recreational, cultural, social and educational pastimes and activities, and
- d) to provide for passive recreational activities or pastimes and for the casual playing of games, and
- e) to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management.

36I Core objectives for management of community land categorised as general community use

The core objectives for management of community land categorised as general community use are to promote, encourage and provide for the use of the land, and to provide facilities on the land, to meet the current and future needs of the local community and of the wider public:

- (a) in relation to public recreation and the physical, cultural, social and intellectual welfare or development of individual members of the public, and
- (b) in relation to purposes for which a lease, licence or other estate may be granted in respect of the land (other than the provision of public utilities and works associated with or ancillary to public utilities).

36J Core objectives for management of community land categorised as bushland

The core objectives for management of community land categorised as bushland are:

- (a) to ensure the ongoing ecological viability of the land by protecting the ecological biodiversity and habitat values of the land, the flora and fauna (including invertebrates, fungi and micro-organisms) of the land and other ecological values of the land, and
- (b) to protect the aesthetic, heritage, recreational, educational and scientific values of the land, and
- (c) to promote the management of the land in a manner that protects and enhances the values and quality of the land and facilitates public enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbance caused by human intrusion, and

- (d) to restore degraded bushland, and
- (e) to protect existing landforms such as natural drainage lines, watercourses and foreshores, and
- (f) to retain bushland in parcels of a size and configuration that will enable the existing plant and animal communities to survive in the long term, and
- (g) to protect bushland as a natural stabiliser of the soil surface.

36M Core objectives for management of community land categorised as a watercourse

The core objectives for management of community land categorised as a watercourse are:

- (a) to manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and water flows, and
- (b) to manage watercourses so as to protect the riparian environment, particularly in relation to riparian vegetation and habitats and bank stability, and
- (c) to restore degraded watercourses, and
- (d) to promote community education, and community access to and use of the watercourse, without compromising the other core objectives of the category.

Local Government (General) Regulation 2005 (Extracts)

102 Guidelines for categorisation of land as a natural area

Land should be categorised as a natural area under section 36 (4) of the Act if the land, whether or not in an undisturbed state, possesses a significant geological feature, geomorphological feature, landform, representative system or other natural feature or attribute that would be sufficient to further categorise the land as bushland, wetland, escarpment, watercourse or foreshore under section 36 (5) of the Act.

103 Guidelines for categorisation of land as a sportsground

Land should be categorised as a sportsground under section 36 (4) of the Act if the land is used or proposed to be used primarily for active recreation involving organised sports or the playing of outdoor games.

104 Guidelines for categorisation of land as a park

Land should be categorised as a park under section 36 (4) of the Act if the land is, or is proposed to be, improved by landscaping, gardens or the provision of non-sporting equipment and facilities, for use mainly for passive or active recreational, social, educational and cultural pursuits that do not unduly intrude on the peaceful enjoyment of the land by others.

106 Guidelines for categorisation of land as general community use

Land should be categorised as general community use under section 36 (4) of the Act if the land:

- (a) may be made available for use for any purpose for which community land may be used, whether by the public at large or by specific sections of the public, and
- (b) is not required to be categorised as a natural area under section 36A, 36B or 36C of the Act and does not satisfy the guidelines under clauses 102-105 for categorisation as a natural area, a sportsground, a park or an area of cultural significance.

107 Guidelines for categorisation of land as bushland

- 1) Land that is categorised as a natural area should be further categorised as bushland under section 36 (5) of the Act if the land contains primarily native vegetation and that vegetation:
 - a) is the natural vegetation or a remainder of the natural vegetation of the land, or
 - b) although not the natural vegetation of the land, is still representative of the structure or floristics, or structure and floristics, of the natural vegetation in the locality.
- 2) Such land includes:
 - a) bushland that is mostly undisturbed with a good mix of tree ages, and natural regeneration, where the understorey is comprised of native grasses and herbs or native shrubs, and that contains a range of habitats for native fauna (such as logs, shrubs, tree hollows and leaf litter), or
 - b) moderately disturbed bushland with some regeneration of trees and shrubs, where there may be a regrowth area with trees of even age, where native shrubs and grasses are present in the understorey even though there may be some weed invasion, or
 - c) highly disturbed bushland where the native understorey has been removed, where there may be significant weed invasion and where dead and dying trees are present, where there is no natural

regeneration of trees or shrubs, but where the land is still capable of being rehabilitated.

110 Guidelines for categorisation of land as a watercourse

Land that is categorised as a natural area should be further categorised as a watercourse under section 36 (5) of the Act if the land includes:

- (a) any stream of water, whether perennial or intermittent, flowing in a natural channel, or in a natural channel that has been artificially improved, or in an artificial channel that has changed the course of the stream of water, and any other stream of water into or from which the stream of water flows, and
- (b) associated riparian land or vegetation, including land that is protected land for the purposes of the Rivers and Foreshores Improvement Act 1948 or State protected land identified in an order under section 7 of the Native Vegetation Conservation Act 1997 .

Crown Lands Act, 1989

The *Crown Lands Act, 1989* is the principle Act in NSW controlling the management and use of Crown Land. Plans of Management are instruments prepared under the Act to implement the objectives of the Act. The requirements of the Act in relation to the preparation of plans of management are set out in this section.

Objects of the Act

Section 10 of the *Crown Lands Act, 1989* sets out the objects of the Act as follows:

The objects of this Act are to ensure that Crown land is managed for the benefit of the people of New South Wales and in particular to provide for:

1. a proper assessment of Crown land,
2. the management of Crown land having regard to the principles of Crown land management contained in this Act,
3. the proper development and conservation of Crown land having regard to those principles,
4. the regulation of the conditions under which Crown land is permitted to be occupied, used, sold, leased, licensed or otherwise dealt with,
5. the reservation or dedication of Crown land for public purposes and the management and use of the reserved or dedicated land, and
6. the collection, recording and dissemination of information in relation to Crown land.

What is “Public Purpose”?

It is an essential requirement in preparing a plan of management that the public purpose of the

Reserve is identified and used as a basis for planning and management. It is a further requirement that all land uses must either support or be ancillary to the Reserve's public purpose. The *Crown Lands Act 1989* provides for the reservation and dedication of Crown land for public purposes including:

- Access
- Accommodation
- Caravan Park
- Community Purposes
- Environmental Protection
- Government Purposes
- Heritage Purposes
- Public Recreation
- Public Recreation and Coastal Environmental Protection
- Rural Services
- Showground
- Travelling Stock
- Urban Services
- Water

Leasing and licenses

Section 102 of the Act establishes requirements for the sale, lease or licensing of Crown land.

Land can not be sold, leased or a licence issued without the approval of the Minister. Section 102A provides that the Trustee may lease or issue a licence for reserved land where the Minister has approved the Trustee to do so.

Section 108 also enables licenses to be issued for temporary purposes.

Proceeds from Crown land

Section 106 of the Act requires that proceeds from the sale, lease or licensing of reserves must be used either as directed by the Minister, or for the management of the reserve by the Trustee.

Requirements for Plans of Management

Section 112 enables Plans of Management to be prepared for Crown reserves either by the Minister or by the reserve trust. Section 113 establishes requirements for referrals, public display and submissions.

Section 114 provides for the adoption of a Plan of Management by Council. Once a Plan of Management is adopted, no operations may be undertaken on or in relation to the reserve unless they are in accordance with the plan.

Reporting

Section 122 establishes requirements for reserve trusts to report to the Minister, as required by the Regulations.

Crown Lands Policies

The Department of Lands has indicated that the following policies and draft policies should be considered in Plans of Management:

- Policy Position: Food and Beverage Outlets on Crown Reserves (Crown Lands Circular No. 2001/03);
- Draft Policy Position: Clubs on Crown Reserves (September 1996);

Appendix D

Community Survey Data

Warringah's Council Neighbourhood Park and Playground Survey

Community consultation for the *Playground Strategy* (2007) and the neighbourhood parks review were undertaken concurrently. A total of 505 surveys were completed, 95 infield surveys and 410 self-completed surveys. The in-field surveys were conducted in ten parks (nine with playgrounds).

Parks/Playgrounds Surveyed

Park/Playground	Suburb	Category	Date	No. of Surveys
Lionel Watts Oval	Frenchs Forest	Regional	6 & 17 July 2005	29
Bruce Bartlett Reserve	Collaroy	Regional	4 July 2005	23
Frank Beckman Reserve	Terrey Hills	Regional	6 July 2005	17
Jacka Park	Harbord	District	4 July 2005	10
Hews Reserve	Belrose	District	17 July 2005	6
Birdwood Park	Narrabeen	District	4 July 2005	6
Kurara Close Reserve	Terrey Hills	Neighbourhood	6 July 2005	2
Hinkler Park (no playground)	Queenscliff	District	4 July 2005	1
May Road Reserve	Narrabeen	District	6 July 2005	1
The Crescent Reserve	Dee Why	Neighbourhood	4 July 2005	0
			Total	95

Respondents were asked to identify the park or playground that they visit most frequently and then respond to the following questions with that park or playground in mind.

How often do you visit the park/playground?

%	Response
6.7	Every day
36.2	Several times a week
24.6	About once a week
12.1	About once a fortnight
9.1	About once a month
8.9	About 2-6 times a year
0.3	Less than once a year
1.7	First visit
0.5	Not sure/don't know/irregular

Why do you visit the park/playground?

%	Response
6.2	Passing through
13.4	Walking
1.3	Walking with dog
5.5	Cycling
2.0	Jogging
37.1	Use the playground
8.1	Picnic/BBQ
15.8	Sporting activity (including play)
9.1	Relaxation (outdoor sitting)
1.6	Social interaction

When do you mainly visit this park/playground?

%	Response
46.3	Weekdays
37.2	Weekends
9.6	During holidays
3.6	Special events
0.2	Other
3.1	Any time

Where do you travel from to get to this park/playground?

%	Response
87.2	Home
1.8	Work
11.0	School

How do you normally get to the park/playground?

%	Response
41.2	Walked
50.9	By car
6.5	By bicycle
1.0	By bus
0.4	By skateboard

How long would it normally take you to get here?

%	Response
48.6	Less than 5 min
39.0	6 to 10 min
11.4	11 to 20 min
1.0	More than 20 min

How long have you lived in the area?

%	Response
11.5	Less than 2 years
29.9	2 to 5 years
58.6	More than 5 years

Who would you normally visit the park with?

%	Response
2.6	Alone
57.4	Friends
1.0	Household
24.2	Partner
12.9	Children
1.9	Organised group/activity

How long do you normally stay in the park/playground?

%	Response
3.4	Less than 15 min
15.5	16-30 min (½ hr)
34.3	31-60 min (1 hr)
28.5	61-90 min (1 ½ hours)
12.6	91-120 min (2 hrs)
3.0	121-150 min (2 ½ hrs)
2.7	More than 2 ½ hrs

When you visit the park/playground, do you notice the number of other people around?

%	Response
74.6	Yes
25.4	No

Thinking of other people in the park/playground, do you think:

%	Response
22.6	There are too many
67.4	There are the right amount
10.1	There are not enough

How did you find out about the park/playground?

%	Response
30	Friends/Family
69.4	Walked, drove/cycled passed
0.5	Council website
	Other

A) When you think about neighbourhood parks, how important are the following features? Refer to list & tick your responses under COLUMN A (very important – important – not important).

B) Rate the features of this park? Refer to list & tick responses in COLUMN B (very good – average – poor).

Feature	N A			N B		
	Very Imp. %	Imp. %	Not imp. %	Very Good %	Ave. %	Poor %
Access for people with disabilities or older persons	51.3	41.7	7.0	48.3	43.3	8.4
Art work/cultural features	9.6	35.2	55.2	9.2	36.7	54.1
BBQ facilities	27.8	48.0	24.3	28.9	35.7	35.4
Car parking	61.5	29.2	9.3	53.1	33.3	13.5
Cleanliness/maintenance	86.5	13.3	0.3	42.9	46.0	11.2
Gardens	35.2	53.8	10.9	23.2	58.7	18.1
Informal play areas (eg. skipping/ball games)	46.3	9.3	4.5	37.8	44.8	17.5
Playgrounds	67.6	29.2	3.3	47.8	37.4	15.1
Proximity to cycle paths/walkways	49.6	42.2	8.3	56.6	32.3	11.2
Proximity to public transport	23.1	36.4	40.5	42.4	38.1	19.5
Proximity to shops	16.6	34.4	49.0	34.5	43.9	21.6
Proximity to your home	41.1	45.6	13.3	62.8	30.5	6.7
Safety/security (eg. lighting/open space)	72.9	23.5	3.5	41.6	42.6	15.9
Shelter and shade	74.6	22.8	2.6	27.4	42.5	30.2
Signage	22.0	47.6	30.4	16.0	60.5	23.6
Seating	48.8	42.4	8.8	21.8	51.6	26.6
Toilets	66.2	26.3	7.5	13.4	30.7	55.9
Trees/natural areas/bushland	69.6	27.3	3.2	50.6	40.9	8.4

(A) When you think about playgrounds, how important are the following features?

Refer to list & tick your responses under COLUMN A (very important – important – not important).

(B) Rate the features of this playground?

Refer to list & tick responses in COLUMN B (very good – average – poor)

Feature	N A			N B		
	Very Imp. %	Imp. %	Not imp. %	Very Good %	Ave. %	Poor %
Access for people with disabilities or older persons	54.3	39.2	6.5	55.5	38.3	6.2
Car parking	60.0	32.9	7.1	59.6	32.9	7.5
Distinctive and interesting play equipment	75.7	22.0	2.4	43.5	44.1	12.4
Identification of cultural areas and sites	20.9	44.5	34.7	11.8	42.7	45.4
Informal play areas (eg. skipping/ball games)	50.0	43.7	6.3	35.5	47.3	17.3
Maintenance	86.2	12.9	0.9	38.4	49.5	12.1
Proximity to cycle paths/walkways	48.3	44.3	7.4	56.0	38.5	5.5
Proximity to public transport	27.2	44.4	28.4	48.9	43.0	8.2
Proximity to shops	18.8	43.5	37.7	46.1	37.3	16.6
Proximity to your home	43.4	45.8	10.8	53.7	39.2	7.1
Safe play equipment	89.3	8.9	1.8	58.3	35.1	6.6
Safety/security of playground area (eg. fencing)	85.6	12.4	2.06	58.6	28.7	12.8
Seating	60.8	37.4	1.8	42.6	41.3	16.1
Setting suitable for supervision	81.1	18.0	0.9	54.4	37.5	8.1
Shade	81.9	17.0	1.2	43.2	35.9	21.0
Trees/shrubbery/gardens	53.3	42.6	4.2	44.1	43.8	12.1
Toilets	73.8	22.8	3.3	19.6	30.3	50.0

Do you think there is an adequate supply of parks in Warringah?

%	Response
68.5	Yes
31.5	No

Do you think there is an adequate supply of playgrounds in Warringah?

%	Response
59.4	Yes
40.7	No

Where do you normally live?

%	Response
99.4	Australia
0.6	Overseas

What country were you born?

%	Response
88.6	Australia
11.4	Other

Are there languages other than English spoken at home?

%	Response
21.1	Yes
78.9	No

For those who answered 'yes' to this question the results are listed on the following page.

Which age group are you in?

%	Response
1.8	10-14
2.5	15-19
3.8	20-29
51.1	30-39
28	40-49
5.3	50-59
3.8	60-69
3.8	70+

Which of the following best describes you?

%	Response
5.5	Student
23.7	Employed full-time
34.3	Employed part-time/casually
1.2	Looking for work
29.5	Home duties
5.8	Retired

Normal place of residence	Number of Respondents	Place of birth	Number of Respondents	Other language spoken at home	Number of Respondents
England	1	Germany	4	Guyarati	2
France & Sweden	1	South Africa	3	Japanese	5
Brazil	1	United Kingdom	18	Vietnamese	1
Total	3	England	18	Greek	3
		USA	2	Thai	1
		New Zealand	11	Tagalogs	1
		Sweden	1	Polish	1
		Portugal	1	Spanish	3
		Italy	1	Hebrew	1
		Switzerland	1	Mandarin	2
		France	3	Punjabi	1
		Greece	1	Swedish/French	1
		Netherlands	2	Portuguese	3
		Philippines	1	French	8
		Guernsey, Channel Is	1	Tibetan	1
		Hong Kong	1	Cantonese	2
		Venezuela	2	Danish	1
		India	1	Persian	1
		Scotland	1	German	7
		China	3	Dutch	3
		Switzerland	1	Chinese	2
		Denmark	1	Italian	3
		Iran	1	Total	53
		France	1		
		Japan	3		
		Ireland	4		
		Brazil	2		
		Total	89		

Respondents were asked to provide the postcode of the suburb in which they live.
Note: Not all respondents provided this information.

Postcode	Manly/Warringah/Pittwater suburbs	Survey Respondents	
		Number of respondents	In %
2085	Belrose, Davidson	20	6.25
2086	Frenchs Forest	20	6.25
2087	Killarney Heights, Forestville	90	28
2092	Seaforth	1	0.3
2093	Manly Vale, North Balgowlah, Balgowlah, Balgowlah Heights, Clontarf	32	10
2094	Fairlight	2	0.6
2095	Manly	3	0.9
2096	Curl Curl, Harbord, Queenscliff	18	5.6
2097	Collaroy Plateau, Collaroy	34	10.6
2099	Cromer, Dee Why, Narrabeena, North Curl Curl	45	14
2100	Oxford Falls, Beacon Hill, Allambie Heights, North Manly, Brookvale	21	6.6

Postcode	Manly/Warringah/Pittwater suburbs	Survey Respondents	
		Number of respondents	% of respondents
2101	Narrabeen, North Narrabeen, Elanora Heights, Ingleside	24	7.5
2102	Warriewood	4	1.25
2103	Mona Vale	2	0.6
2106	Newport	1	0.3
2107	Bilgola, Avalon, Clareville	2	0.6
2151	North Parramatta, North Rocks	1	0.3
	Other Sydney LGA's	7	2.2
	Totals	320	99.7%

Note: does not add up to 100% due to rounding.

Respondents were asked to list three parks or playgrounds that they visit frequently in Warringah. The twenty most visited parks/playgrounds are listed below. A number of sportsgrounds and bushland reserves were also visited frequently.

Park or Playground visited frequently in Warringah (received surveys)	Suburb	Hierarchy	Most Visited	2 nd Most Visited	3 rd Most Visited	Total
Bruce Bartlet Reserve	Collaroy Beach	Regional	23	20	25	68
Michaela Howie Playground	Dee Why Beach	District	21	31	23	75
Poppy Park/ Forestville Playing Fields	Forestville	Regional	35	26	14	75
Manly Warringah War Memorial Park	Manly Vale	District	10	7	8	25
Hews Reserve	Belrose	District	4	4	0	8
Collaroy Plateau Playing Fields	Collaroy Plateau	District	4	5	2	11
John Fisher Park	Curl Curl Lagoon	District	8	10	9	27
Dee Why Park	Dee Why	District	0	4	6	10
James Meehan Reserve	Dee Why Lagoon	Regional	21	13	11	45
Garigal National Park (old Davidson State Rec Area)	Forestville	Regional	1	6	9	16
Wellman Reserve	Forestville	Neighbourhood	19	0	0	19
Lionel Watts Park/ Frenchs Forest Showground	Frenchs Forest	Regional	15	24	7	46
Freshwater Reserve	Harbord	Neighbourhood	6	3	3	12
Jacka Park	Harbord	District	6	6	2	14
Killarney Heights Oval	Killarney Heights	Neighbourhood	8	10	8	26
David Thomas Reserve	Manly Vale	District	0	4	4	8
Passmore Reserve	Manly Vale	Regional	26	18	17	61
Berry Reserve	Narrabeen	Regional	19	17	21	57
Wheeler Park	Narrabeen	District	5	10	2	17
Nolans Reserve	North Manly	Neighbourhood	4	11	2	17
Total parks/playgrounds identified						782

A number of parks or playgrounds that were visited frequently were in other local government areas. These included:

Park or Playground visited frequently (other LGA)	Suburb	Most Visited	2 nd Most Visited	3 rd Most Visited	Total
Manly LGA					
Cross Street Reserve	Balgowlah	0	1	0	1
North Harbour Reserve	Balgowlah	0	0	1	1
Tania Park	Balgowlah Heights	0	0	1	1
Woolgoolga Reserve	North Balgowlah	1	0	0	1
Spring Street Reserve	Fairlight	0	1	1	2
Lagoon Park	Manly	5	5	7	17
Keirle Park	Manly	3	0	2	5
Seaforth Oval	Seaforth	1	0	0	1
Park or Playground visited frequently (other LGA)	Suburb	Most Visited	2 nd Most Visited	3 rd Most Visited	Total
Pittwater LGA					
Wimbledon Reserve	North Narrabeen	0	0	1	1
Apex Park	Mona Vale	0	1	1	2
Winnereremy Bay	Mona Vale	0	1	4	5
Progress Park	Warriewood	1	0	1	2
Hunters Hill LGA					
Buffalo Creek Reserve	Hunters Hill	0	1	0	1
				Total	40

Respondents were asked to think of a good examples of parks and playgrounds in Warringah and other LGA areas respectively and to explain why they considered it to be a good example. The comments were incorporated into the general comments section.

Good example of a park in Warringah	Suburb	Hierarchy	Number of Respondents
Beacon Hill Reserve	Beacon Hill	District	1
Berry Reserve	Narrabeen	District	20
Brentwood Park	Frenchs Forest	Neighbourhood	1
Brookvale Park	Brookvale	District	2
Bruce Bartlet Reserve	Collaroy Beach	District	13
Dee Why Park	Dee Why	District	3
Epacris No.1	Forestville	Neighbourhood	1
Frank Beckman Reserve	Terry Hills	District	0
Freshwater Reserve	Harbord	District	3
Garigal National Park (old Davidson State Recreation Area)	Forestville	Regional	14
Griffith Park	Collaroy	District	4
Hews Reserve	Belrose	District	2
Jacka Park	Harbord	District	5
James Meehan Reserve	Dee Why Lagoon	District	17
Jamieson Park	Narrabeen	District	4
John Fisher Park	Curl Curl Lagoon	District	10
Killarney Heights Oval	Killarney Heights	District	3
Lionel Watts Park/ Frenchs Forest Showground	Frenchs Forest	District	16

Manly Warringah War Memorial Park	Allambie Heights	Regional	16
Manly Warringah War Memorial Park (Aquatic Drive)	Allambie Heights	District	0
Michaela Howie/ Dee Why Beach	Dee Why Beach	District	11

Good example of a park in Warringah	Suburb	Hierarchy	Number of Respondents
Narrabeen Beach Ocean Street	Narrabeen	District	1
Nolans Reserve	North Manly	District	5
Passmore Reserve	Manly Vale	District	34
Plateau Park	Collaroy Plateau	District	2
Poppy Park/ Forestville Playing Fields	Forestville	District	13
St Matthews Farm Reserve	Cromer	District	1
Starkey Reserve	Killarney Heights	Neighbourhood	2
Stoney Range	Dee Why	District	1
Wabash Reserve	Cromer		1
Wellman Reserve	Forestville	Neighbourhood	6
Wheeler Reserve	Narrabeen	District	3
		Total	251
Good example of park (other LGA)	Suburb		Number of Respondents
North Harbour Reserve	Balgowlah (Manly LGA)		2
Tanya Park	Balgowlah Heights (Manly LGA)		1
Lagoon Park	Manly (Manly LGA)		5
Keirle Park	Manly (Manly LGA)		2
Bayview Park	Bayview (Pittwater LGA)		6
Winnereremy Bay	Mona Vale (Pittwater LGA)		8
Apex Park	Mona Vale (Pittwater LGA)		1
Lakeside Park	North Narrabeen (Pittwater LGA)		2
Progress Park	Warriewood (Pittwater LGA)		1
St Ives Showground	St Ives (Ku-ring-gai LGA)		1
Willoughby Park	North Willoughby (Willoughby LGA)		1
		Total	30

Good example of playground in Warringah	Suburb	Hierarchy	Number of Respondents
Manly Warringah War Memorial Park	Manly Vale	District	3
Maroa Reserve	Allambie	Neighbourhood	1
Hews Reserve	Belrose	District	4
Wyatt Reserve	Belrose	District	1
Brookvale Park	Brookvale	Regional	1
Bruce Bartlet Reserve	Collaroy Beach	Regional	52
Collaroy Plateau Playing Fields	Collaroy Plateau	District	1
John Fisher Park	Curl Curl	Neighbourhood	3
Dee Why Park	Dee Why	District	5
Michaela Howie Park	Dee Why Beach	District	44
James Meehan Reserve & Car Park	Dee Why Lagoon	Regional	19
Forestville Playing Fields (Poppy Park)	Forestville	Regional	24

Wellman Reserve	Forestville	Neighbourhood	1
Brick Pit Reserve	Forestville	District	1
Garigal National Park (old Davidson Rec Area)	Forestville	NPWS – Regional	1
Lionel Watts Park/Frenchs Forest Showground	Frenchs Forest	Regional	22

Good example of playground in Warringah	Suburb	Hierarchy	Number of Respondents
Freshwater Beach Reserve	Harbord	District	2
Killarney Heights Playing Fields	Killarney Heights	Neighbourhood	1
Passmore Reserve	Manly Vale	Regional	34
Fairway Close Reserve	Manly Vale	District	1
Wheeler Park	Narrabeen	District	6
Berry Reserve	Narrabeen	Regional	9
Narrabeen Lakes (no reserve specified)	Narrabeen	N/A	4
Woolgoolga Reserve	North Balgowlah	Neighbourhood	1
Frank Beckman Reserve	Terry Hills	Regional	2
		Total	60

A number of playgrounds in other local government areas were identified as being good examples. These included:

Good example of playground (other LGA)	Suburb	Number of Respondents
Manly LGA		
North Harbour Reserve	Balgowlah	1
Tanya Park	Balgowlah Heights	1
Lagoon Park	Manly	10
Pittwater LGA		
Winnereremy Bay	Mona Vale	20
Progress Park	Warriewood	7
		39

Respondents were given the opportunity to comment on the provision of parks and playgrounds in Warringah. The following comments were provided.

Theme and comment
Playgrounds
Playgrounds need more interesting and adventurous play equipment.
More adventure parks for children 6-9 years including flying fox, skate parks, ropes.
Playgrounds are much better than my area.
More shade needed in playgrounds.
Provide more interesting play equipment for older children.
Coreen Reserve has almost no equipment and lots of kids would play there if it had more equipment as there are lots of young families in the street.
Facilities for playgrounds and parks needed in the Forest area.
Dee Why and Collaroy Beach playgrounds are so crowded that it becomes very dangerous and difficult to supervise children. Beverly Job Playground is not interesting enough and some of the equipment is quite old. The reason I visit Dee Why and Collaroy playgrounds is because the equipment is newer and in better condition than nearer playgrounds.
All playgrounds should have toilet facilities, should be non-smoking and have some shade.
Playgrounds and parks like the one at Winerreremy Bay, Mona Vale that have big flying

Theme and comment
fox, climbing frames and older age play equipment are fantastic.
Blackbutts playground is always overcrowded and not nearly as safe as other playgrounds.
I like the design of Terry Hills and Frenchs Forest playgrounds because it allows my children to play in a natural setting safely. There is good use of native plants and trees that blends into the surrounding area and variety of play equipment in good condition.
Recommended upgrading the swings for babies to those like the ones at Manly Lagoon, Queenscliff. More stable.
There are not enough playgrounds that cater for older kids >8 years old. A very good park in Mona Vale behind Pittwater High. Excellent facilities and link to bicycle track.
Killarney Heights shops playground needs a fence and safe equipment with soft fall and shade. Please look at this park it is dangerous and lots of people use it.
I miss the seesaw, I miss the slippery dip. Kids need to be able to climb and explore as we did when we were children. If you remove playground equipment because it is not up to some safety standard - please replace it with something else.
The local parks had all the forts / climbing equipment removed and no interesting play equipment.
Seems to be a need for more playgrounds as the Northern Beaches playgrounds are generally always busy.
The park at Belrose Library needs more equipment and another swing. Opal Reserve needs more kids equipment, please.
More cycle ways.
Fences should be higher.
Develop water recycling to water fields adequately.
Parks / playgrounds need to accommodate the family social gatherings. Playground, bike track, area to kick and play ball, toilets. Away from traffic. Typically fairly level areas of land.
Keep it simple - no concrete. Good shade area with open areas of grass. BBQ areas - more to entice social interaction and gatherings for all ages. Modern self clean toilets like near Manly Police / bus stop, same and more spread out through park areas so we can use them. Pull down Berry Reserve toilets as no one can use them as they are so unsafe - gay hangouts.
The new park on Narrabeen Beach will be a great facility. We often use Winerreremy Bay Park (Pittwater) so look forward to a new park in our local area. We think that Winerreremy Bay is the ultimate park for young families with great facilities. Hopefully Warringah Council will follow Pittwater's lead in this area.
Need good equipment, seating and shade for playgrounds.
Could Ararat Reserve (Grafton Cres) please have a time on weekdays for unleashed dogs to exercise?
Value of green space
Not enough parks and playgrounds.
With the number of units being built in Dee Why there needs to be many more open grass areas with descent play equipment that is fenced.
Please leave Passmore and Nolans the way they are. We walk that park at least once a week and enjoy every aspect that it has to offer. Green space is never replaced. No one knocks down buildings to build a park. If it goes now, it will not come back. Kids need parks and exercise and my kids are my life.
Nolan and Manly Dam are fabulous family places, needed in such a densely populated area.
I think it would be criminal to start concreting up parks. We need more green for our environment.
Parks and playgrounds make an important contribution to the "fabric" of the community. You can meet friends / neighbours at a local park. Parks / playgrounds provide a sense of belonging and contribute greatly to the amenity of the area. I think we are blessed with good parklands in our area - we need to protect and preserve them.
Manly Vale/North Manly don't need to be the subject of anymore development. The council really needs to think about the issues and listen to the community.
It is important that they are good. We have to help children play outdoors and exercise as opposed to indoors watching TV and playing computer games.

Theme and comment
Please don't reduce our green space. We need to plan for future generations. Give our unit dwellers open areas to be active and healthy. Please keep Passmore, Nolans green and grassy and multi-purpose.
That council reconsiders any plans to develop Nolans / Passmore reserves for use as well as netball courts, car parks and indoor arena. Please consider the needs of the whole rather than the few.
I sincerely hope this is not a disguise to say parks are not used and then turn them into netball fields - no response, no parks used?
They are starting to feel a bit homogeneous (playgrounds) because of all the liability issues and what is "deemed" safe.
North Manly is a special area taking away Nolan and Passmore Reserves to build a sports centre, netball courts and large parking area is ridiculous. Do we want this area or any area of the North Shore to end up looking like the city/western suburbs?
Lionel Watts is a marvel open oval/area.
Too much built up area and not enough green.
Parks are important.
Toilet facilities
Need toilets for children to use otherwise need to leave urgently!
Toilets are lacking or dirty at all playgrounds.
Toilets at Jacka Park please.
Toilets need regular cleaning / maintenance. We pay our rates and they should be maintained.
Open toilets (9-5) day and night.
Try to have toilets within close proximity of most or all playgrounds, open and well maintained. But very positive impression most of the time.
Toilets need upgrading and locked overnight to prevent vandalism.
Better placed and maintained toilets and lighting.
Winnereremy Bay is ideal for older children and we travel there many times. It is well planned with tables, cycle ways, BBQs and has unique play equipment for older children (8-15). The only negatives are the lack of toilets (but they are being built) and it's a long way from home. We take our own food so we don't need shops.
Toilets are the biggest problems with mums. Little ones often give little warning and toilets are often away from playground. Toilets to be provided and in close proximity to playground
Maintenance
Parks should be well maintained.
Freshwater Beach - grounds in poor condition after rain; improve maintenance; Playground areas need to be flat and level for safety.
Maintenance; rubbish removal.
Footballers to clean up mess after weekend.
Regular maintenance required - long grass is not acceptable.
Our local park - Angophora Reserve was scheduled for an upgrade this year. To date nothing has happened except for the removal of equipment that was there. General upgrade is required for most of Warringah parks and playgrounds.
Timely maintenance - It takes a long-time for broken gates etc to be fixed in playgrounds.
There is a dead tree in Michele Reserve which I pointed out to a Council employee more than 12 months ago - could drop limbs and hurt someone. Michele Reserve is used a lot by locals coming on foot and by car - the equipment should be well maintained.
We are very lucky to have a lot of beautiful areas of open space. Unfortunately they are too often misused / vandalized by graffiti, syringes etc. Mostly they are lovely and maintained very well, thanks.
Spider Park (Pittwater Council) behind Pittwater High is a good example of a good park - for all ages - would like to see some of the Warringah Council parks e.g. North Narrabeen Surf Club, lakeside at Narrabeen etc upgraded.
Broken glass and graffiti is a constant problem. More rubbish bins.
Closer attention must be paid to wet fields i.e. training on wet areas, mowing whilst soggy (silly), need more grounds not to over play same old grounds. More attention to

Theme and comment
top soiling or rectifying in the off season.
Playgrounds i.e. Dee Why need to be improved and maintained.
Fences should be maintained better in playgrounds.
Good standard of park
Parks are generally very good with many to choose from compared to other countries I have lived in.
Keep up the good work Warringah Council.
We do offer the best park and playgrounds. I have been to other States and they don't provide the same quality in playgrounds in particular shade cloths. Particularly in Melbourne they don't provide this and in summer there is no shade at all. I think Warringah Council does a good job in what we have available.
Keep up the good work. Perhaps more art and sculptures would be good in smaller parks.
Keep up the good work. Support Manly Dam, it's a treasure.
Teenagers
More areas for teenagers so they don't have to share the playground with little ones.
Please don't construct skateboard facilities at Millers Reserve which is totally unacceptable from surrounding facilities – thanks.
Big kids boss smaller kids. Move to smaller playgrounds.
Need basketball area for older kids and other areas such as skateboarding.
Could Ararat Reserve (Grafton Cres) please have a time on weekdays for unleashed dogs to exercise?
Safety of Play Equipment
Safety & maintenance is not always up to scratch at Harbord.
I think the playgrounds are reasonably safe and entertaining.
Should have safety barriers on slippery dips; dead branches hanging over playground should be cut down; regular cleaning.
BBQs
Need barbeques.
BBQ near playgrounds.
BBQ facilities.

Appendix E

Map: Wildlife Corridors, Core Bushland and Parks in this PoM

The map overleaf shows wildlife corridors according to their priority (1,2 or 3), core bushland and parks covered by this Plan of Management. For further information and definitions refer to the *Natural Area Survey - Wildlife Corridors* (2005).

