



Playgrounds

PLAN OF MANAGEMENT

**Newcastle City Council
PO Box 489
Newcastle 2300 Australia**

**Tel: (02) 4974 2000
Fax: (02) 4974 2222
Email: mail@ncc.nsw.gov.au
Web: www.newcastle.nsw.gov.au**

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1. INTRODUCTION

1.1 BACKGROUND

A plan of management is an important document designed to provide clear guidelines for the effective management of land and facilities in the care and control of Council. The Playgrounds Plan of Management deals with playgrounds owned or controlled by Council and applies specifically to playground equipment and associated facilities like seats and shelters and the land within 2.0 metres of these facilities.

As playgrounds are usually sited within larger open space areas such as Neighbourhood Parks, other Plans of Management will apply to areas, which include a designated playground. For example, a park with a playground facility may be covered by the Heritage Places Plan of Management or the Bushlands Plan of Management or even the Neighbourhood Parks Plan of Management. The majority of playgrounds are found in Neighbourhood Parks Plan of Management.

Benefits of this Management Plan

The benefits of this Plan of Management are:

1. identifying the key issues and values common to playgrounds
2. establishing directions for planning, resource management and maintenance of playgrounds
3. clarifying Council policy on playgrounds, both for Council staff and for the community, and
4. providing the basis for assigning priorities in the programming of works and budgeting for new or upgraded playground facilities.

This Plan of Management will be reviewed quarterly and annually as part of the annual budget process. This annual review will assess implementation and performance and a review after five years will allow policy and planning issues to be updated by the Parks and Recreation Manager.

1.2 LOCAL GOVERNMENT ACT 1993 AND CATEGORISATION OF COMMUNITY LAND

The Local Government Act 1993 provides Councils with a specific approach to the classification and management of community land. The Act requires that all community land in the care and control of Councils in New South Wales be categorised and be made the subject of a plan of management.

Under the provisions of the Act community land should be kept for the use of the general community, must not be sold or leased for more than 21 years and may only be leased or licensed for more than five years following a public notification process.

This Plan of Management has been prepared in accordance with the requirements of the Act. Specifically, playground sites as covered by the Playgrounds Plan of Management are located on community land categorised as *'Park' in accordance with Section 36(3) and (4) of the Act.*

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

- (a) to encourage, promote and facilitate recreational, cultural, social and educational pastimes and activities
- (b) to provide for passive recreational activities or pastimes for the casual playing of games, and
- (c) to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management”. (Excerpt from Local Government Act 1993 Section 36G).

The Local Government Amendment Act 1998 commenced on 1 January 1999 and this plan has been amended to comply with the requirements of this Act.

1.3 COUNCIL'S RECREATION AND LAND MANAGEMENT POLICY

Council has developed a number of policies relevant to open space and recreation that provide the framework for planning and management of playground facilities.

The Linking Plan (1996: p18) states that Council's major direction for playgrounds is “to provide equitable access to high quality City wide playground facilities that offer safe but challenging play opportunities. These facilities where possible and practicable, should offer sun protection and be designed so that a full range of age groups may be catered for across the city”.

This direction is consistent with Council's policies and strategies on recreation and land management as documented in the:

- The Linking Plan (NCC: 1996)
- Newcastle Recreation and Open Space Plan (Hassell: 1996)
- Social Strategy Plan (NCC: 1994)
- Access Policy (NCC: 1997)
- Council's Community Consultation Policy & Guidelines (NCC: 1998)
- Playground Equipment Policy Study (Corkery: 1989)
- Sun Protection Policy for Local Government (Australian Institute of Environmental Health 1992)

Community Consultation

Community consultation is integral to the appropriate provision of play facilities and spaces across the city. It provides Council with a sound understanding of relevant local issues and the community values attached to playgrounds and associated facilities. Community involvement and consultation also encourages an appreciation of Council's land management aims, counters possible misunderstanding and fosters community stewardship of local parks and playgrounds.

Community consultation on playground issues has been undertaken through development of the Playground Equipment Policy and the Linking Plan, as well as through implementation of Council's program of playground installations over the past ten years. During the exhibition period of the draft document further comment was invited on the values and issues discussed below. All submissions relevant to the plan of management have been considered by Council prior to finalisation and subsequent adoption of the plan.

2. CONTEXT OF PLAYGROUNDS IN NEWCASTLE

2.1 PLAYGROUND USERS – TODDLERS, JUNIORS AND YOUNG TEENS

Children require different types of play environments dependent on their age and stage of social and physical development. The most appropriate play facilities are generally determined by the child's level of gross motor skills, level of social skills and readiness for creative play.

Playground users are therefore generally grouped into two or three age groups. The more current approach in planning and designing for play spaces is to target children in three groups: *toddlers* (0-5 years), *juniors* (5-10 years) and *young teens* (10-15 years).

Toddlers (0-5 years) often play alone, have limited social skills and may engage in parallel play that mimics other children's behaviour. *Juniors* (5-10 years) have developing social skills, are better able to share equipment and games and require larger equipment that provides more physically demanding activities.

From the age of ten the recreation emphasis is on organised sport but *young teenagers* sometimes use play areas as local gathering spots for socialising (Corkery 1989). Socially conscious *young teens*, like to congregate on their own territory, appreciate 'lounging' places as well as physically challenging play equipment that requires more sophisticated co-ordination. These social needs may be met in a variety of public settings such as the beach, shopping centres, streets and plazas as well as playgrounds.

The differing requirements of each age group imply that planning and design of playgrounds needs to take into account local demographic patterns and anticipated changes in those patterns.

2.2 DISTRIBUTION OF NEWCASTLE'S PLAYGROUND USERS

In the Newcastle LGA the highest concentrations of 0-4 year olds live in the growing western areas of Maryland, Elmore Vale and Wallsend followed by Lambton, Waratah, North Lambton and New Lambton. Smaller concentrations are in Carrington, Islington, Wickham, Tighes Hill, Mayfield and Mayfield West. (ABS Census 1991 **APPENDIX 2A**: Distribution of Newcastle Playground Users 0-4 Years). New residential subdivisions in the westernlands have attracted increasing numbers of families with young children in areas like Minmi, Fletcher and Glendore.

Similarly 5-9 year olds and 10-15 year olds are concentrated in the western areas of Beresfield, Maryland, Wallsend and Elmore Vale (ABS Census 1991 **APPENDIX 2B**: Distribution of Playground Users 5-9 Years & **APPENDIX 2C**: Distribution of Playground Users 10-15 Years) and Lambton, New Lambton, Waratah and North Lambton, with smaller populations in the Inner City and Mayfield Planning Districts.

The next review of the PoM is now scheduled for 2005 and ABS Census data will allow detailed analysis of the current trends and changes in demographic patterns to assist with any future changes to the distribution of playgrounds.

2.3 EXISTING PLAYGROUNDS

In the period since the first Playground PoM was adopted (1998), there has been a concerted effort to improve the city wide distribution of facilities, engage the community in the development of new playgrounds and to reduce the high level of risk or hazard identified with old, non safety standard equipment. Over the last five years, there has been a 75% drop in claims against council for accidents on play equipment. Recently the Australian Standards for softfall have been upgraded and council continues to aim to meet those standards in its playground program.

Currently Newcastle City Council has approximately 350 parks and reserves, 90 of which contain structured playgrounds of some form. A further 22 are proposed for installation. These playgrounds are often associated with other recreation/play opportunities within a park (**APPENDIX 4: Schedule of Land: Playgrounds**).

Council's playgrounds aim to provide:

1. linked or integrated equipment (usually comprising seven or more elements), in a 'play setting' with associated seating and plantings
2. powder coated steel, laminated timber or plastic types of proprietary equipment (generally Ausplay, Kompan or Megatoy)
3. equipment installed over the past seven years that is in good condition and which has appropriate softfall that meets with relevant Australian Standards AS1924 1981: Playground Equipment for Parks, Schools and Domestic Use, AS NZS 4422 1996: Playground Surfacing Specification Requirement and Test Method
4. equipment well suited to *junior* users (5-10 years); generally provide one or more items well suited to *toddlers* (spring animals and the like) and provide limited facilities targeted at the young teens
5. at some sites, associated basketball courts and skate bowls that cater best for young teen and adolescent boys, and
6. at some sites, a small number of pieces of equipment in a loose arrangement with moderate play value.

The playground at Lambton Park is the only facility that has been specifically designed for access by children with disabilities in the 0-5 age group. Recent evaluations have highlighted that the value of the playground could be improved by providing facilities for the 5-10 age group as well.

Newcastle does not have a playground facility which is unique and that reflects the cultural and recreational significance of the city within the region. Such a facility would be purpose designed and relate to the natural and cultural heritage of the site. Sites such as The Foreshore and King Edward Park should provide a better quality playground that more accurately reflects the patronage from tourists as well as residents. This upgrading should be within the context of a regional level facility.

3. PLAYGROUND PLANNING AND MANAGEMENT ISSUES

3.1 SAFETY AND RISK MANAGEMENT

Council's objective of providing challenging and interesting playgrounds that foster children's creative and adventuresome play, needs to be balanced with its obligation to minimise potential hazards in structured play environments.

Council has a statutory responsibility to provide equipment and facilities that meet relevant Australian Standards (AS1924 1981: Playground Equipment for Parks, Schools and Domestic Use, AS NZS 4422 1996: Playground Surfacing Specification Requirement and Test Method).

Council is also obliged under common law to take appropriate steps to protect people from reasonably foreseeable risk or harm in the use of public places and public assets. This implies a responsibility to maintain all playground facilities to an acceptable standard.

For newer safety-standard playgrounds implementation of the prescribed on-going maintenance practices (as documented in Council's open space service level specifications), is effective in minimising hazards in the play environment and in reducing Council's exposure to risk.

3.2 ACCESS

The user catchment for a playground is determined by the nature, size and extent of playground equipment and immediate associated facilities as well as the location of other major recreation activities close to the playground (**APPENDIX 3: Criteria for Regional, District and Local Hierarchies for Playgrounds**). These factors will determine whether users access the playground by car or public transport, by bicycle or on foot.

Generally designated *local* playgrounds need to be easily accessible on foot from surrounding residential areas. A playground catchment should take account of safe crossing points of barriers like major roads or railway lines. Playgrounds should be accessible to people pushing strollers and prams.

Improved footway and cycleway linkages, crossings and pram ramps would be useful in improving access to existing playgrounds and increasing pedestrian catchment. New locations should take into account access issues. Site planning and design of new installations should maximise opportunities for access by children and carers including those with disabilities.

3.3 APPROPRIATE TYPES OF EQUIPMENT

Linked or integrated equipment provides more play opportunities for children than isolated pieces of equipment that can only be used in a prescribed way. Linking items improves play value, increases social interaction and creative play, enables more effective supervision and reduces maintenance costs.

Similarly playground equipment that takes into account user ages and abilities improves play value. At present most playgrounds provide equipment well suited to *junior* (5-10 years) users and limited equipment for *toddlers* (0-5 years). Few playgrounds cater to *young teens* (10-15 years) and in particular young teenage girls, which reflects a general shortage of public places for adolescents to 'hang out'.

Across the city an increasing variety of integrated play equipment has been introduced in different parks. However future installation should involve developing more site specific play spaces, commissioning play sculptures and introducing interesting equipment from other suppliers that would complement existing Kompan or Ausplay proprietary equipment. These more comprehensive facilities would provide for city wide users.

3.4 ASSOCIATED FACILITIES

Appropriate facilities increase the usage of playgrounds by providing carers and family groups with comfortable and sociable places to supervise children's play.

The level of facilities provided is dependent on catchment, usage levels and site constraints all of which are reflected in the playground hierarchy of regional, district or local level playgrounds.

Local playgrounds are intended to service local residents and provide basic associated facilities like seating, tables and a bubbler. District and regional playgrounds service a larger catchment and might be expected to provide more facilities such as shelters, barbecues, and toilets. (**APPENDIX 3: Criteria for Regional, District and Local Hierarchies for Playgrounds**).

3.5 SHADE

The community and Council are increasingly aware of the dangers of sun exposure particularly for young children. Council has an obligation to provide some form of shade shelter near playgrounds for both health and comfort reasons (refer to Newcastle City Council's Sun Protection Policy).

Current site planning for playgrounds includes provision for shade and shelter using either existing mature trees, new tree plantings or shade structures built close to the playground installation. However many older playgrounds have little or no vegetation or shelter associated with them and are hot, exposed or uninviting.

3.6 LANDSCAPE DESIGN AND VISUAL QUALITY

Playgrounds often form part of larger park or open space area which often has considerable visual amenity and/or natural and cultural heritage value. Before 1989 the location and design of playgrounds was often not sympathetic to the existing setting and its landscape values or the unique character and features of each site.

Appropriate site planning, planting design, materials selection and colour schemes would enhance the user's experience of the playground as well as the larger park. In some significant areas, site specific design, purpose built play equipment and/or play sculptures may offer an effective design solution.

3.7 DESIGN PROCESS AND COMMUNITY PARTICIPATION

The process for the development of new playground sites currently encourages active community participation in the project development design stages. The value of this approach has been demonstrated through:

- successful community lobbying for government grants or local fundraising
- better selection of play equipment and associated facilities that meets community needs and expectations
- an improved sense of community ownership and stewardship of a playground
- reduced vandalism through informal community surveillance of playgrounds, and
- resolution of risk management issues raised by community members during design development.

Community users could further contribute to the planning and management process. For example, community surveys provide valuable 'post-occupancy' feedback on playground use, best value equipment, design aspects and changing user needs.

3.8 SERVICE DELIVERY GAPS

Gaps or shortfalls in delivery of playground services may result when provision of a playground does not match well with the location and needs of users. This may occur in areas of new residential development, of maturing families where young children are reaching adolescence or in decline or areas where the school age population is falling. It is important for asset planning purposes and service delivery purposes to identify current service gaps and predict future demographic trends as well as changes in the type of equipment and play experiences desired by users.

The nature and extent of playground facilities provided by Council and the associated maintenance schedules are determined by the service levels set for each park. Newer integrated playground facilities would generally have higher usage levels, cater to a wider range of age groups and therefore require more extensive and more frequent maintenance.

Generally, current service delivery gaps are attributable to:

- a shortage of safety standard playgrounds in areas like Adamstown, New Lambton, Waratah, Kotara, Hamilton, Elmore Vale, Mayfield and Stockton
- a surplus of poor standard playgrounds in areas like Wallsend, Kotara, Waratah, New Lambton, Elmore Vale, Shortland and Stockton
- a shortage of informal recreation/play facilities and places across the city for young teens, and

-
- absence of a playground facility that reflects the cultural, recreational and economic significance of the city within the region.

3.9 UTILISATION RATES AND COST PER ATTENDANCE

The level of usage of a playground is determined by its accessibility, the play value of the equipment and spaces, the extent of associated facilities and the level of maintenance.

Usage levels are helpful to indicate how much benefit each playground asset is providing for the community. The *utilisation rate* is a measure of the average attendance of children and carers at a playground compared to its estimated capacity. A 100% utilisation rate for a particular day means that at some time during that day a given playground has been used to capacity.

Attendance figures along with capital and maintenance costs can then be used to calculate *cost per attendance*, which is a good indicator of how efficiently Council is providing those playground facilities.

Cost per attendance is derived by totalling costs (including depreciation and annual maintenance) and dividing by total estimated attendances per year.

While the surveys conducted in 1998 informed the first Plan of Management, utilisation rates and costs will be the subject of further investigation to assist the planning process of the next review of the Plan of Management in 2005.

3.10 ASSET MANAGEMENT

The asset value of a playground and its utilisation rate both have a direct bearing on the cost effectiveness of providing playground services to the Newcastle community.

The current written down value of Council's playground assets is based on estimated original capital cost of equipment plus installation costs, depreciated over the life of the equipment. A 'straight line' model is used and it is assumed that at the end of the playground's useful life the salvage value is zero. For an average playground equipment life of 15 years a depreciation rate of 6.7% pa applies (**APPENDIX 4: Schedule of Land: Playgrounds**).

Typically a local playground installation with appropriate softfall, basic associated facilities and landscape works (including drainage, fencing planting etc) would require a \$25,000-\$35,000 budget.

4. BASIS FOR MANAGEMENT

4.1 COMMUNITY VALUES RELATING TO PLAYGROUNDS

Playspaces are commonly part of larger open space areas like neighbourhood parks or bushland areas, that may offer a variety of play settings such as grassed areas, hard court areas, sand pits, water elements, rocky areas, treed areas, a dirt patch or purpose built equipment.

This plan deals with formalised playgrounds that are provided by Council. These playgrounds contribute significantly to the physical and social development of children and offer social benefits to families and the wider community.

Chapman (1997) describes a successful playground with play values as a place where 'children are able to experience a variety of creative and social opportunities and physical challenges within a safe environment and where a child's imagination and skills set the limits'.

Over the past ten years the community consultation undertaken for the development and implementation of approximately 30 new playgrounds has highlighted a range of important values that the community attaches to playgrounds and play spaces. These include but are not limited to:

- ***Recreational opportunity***

Playgrounds provide safe, functional and attractive structured recreational facilities, especially for children aged 3 to 12 years.

- ***Physical development***

Playgrounds contribute to the development of children's gross motor skills through physically challenging play.

- ***Social development***

Playgrounds contribute to the social development of children through interactive and imaginative play and through the sharing of playspace.

- ***Sense of Community***

Playgrounds have value inherent in their function as a community gathering place, for children and their carers.

4.2 MANAGEMENT OBJECTIVES FOR PLAYGROUNDS

Council's longer term objectives and management strategies for playgrounds reflect community values, needs and expectations, the asset value of playgrounds themselves and the larger strategic goals for open space management.

They are also consistent with the core objectives for land categorised as park (Refer 1.3 - Council's Recreation and Land Management Policy).

Council's objectives relating to the planning and management of playgrounds cover:

1. **Access**

To provide where practicable, a local playground in each community within a 5 - 10 minute walk of residences.

2. **Appropriate Facilities**

To provide playground and associated facilities that offer challenging but hazard free play opportunities for a range of age and special needs groups across the city.

3. **Shading**

To provide, where possible and practicable, shading during the hottest part of the day, for play equipment and for associated facilities.

4. **Safety & Risk Management**

To ensure that playground design and maintenance, minimises hazards and meets relevant Australian Standards.

5. **Landscape Design & Visual Amenity**

To ensure playground site planning and playground design is sympathetic to the visual, heritage and landscape values of the park setting.

6. **Asset Management**

To ensure that playground assets are managed in a cost-effective manner for the provision and ongoing maintenance of playground facilities in the most appropriate locations, through a flexible and sustainable program of works.

5. MANAGEMENT STRATEGIES

To ensure the cost effective provision and on-going maintenance of quality playground services the following strategies are proposed:

1. retain playgrounds that provide the only accessible facility within a 5-10 minute walk of a residential community
2. install new playgrounds in strategic locations to fill existing service gaps (ie. where no local facility exists) and to respond to anticipated demographic change
3. supplement existing safety standard playgrounds with additional equipment or facilities to fill service gaps and improve utilisation rates, and
4. retain all current playground sites that serve as informal recreation places, drainage reserves, open space linkages or native flora/fauna habitat, as community land.

These management strategies form the basis of ongoing works programs and the priorities for determining upgrading and installation works are based on the following principles:

1. assess playground usage, age and location of the equipment and hierarchy. An annual audit will be undertaken to provide information that will ensure appropriate and effective work priorities
2. provide local playgrounds in areas with the highest current and anticipated densities of 0-10 year olds, to cater to the needs of young families
3. provide local playgrounds in areas of greatest socio-economic need
4. provide a local playground within reasonable walking distance of all residential areas, to cater to the needs of child carers city wide
5. provide a high quality regional playground facility to complement the cultural, social and economic activity of the City Centre, and
6. upgrade or extend district level facilities to cater to young teens.

In all cases consider adaptable equipment and facilities that can be modified, upgraded or relocated as user groups change or as open space usage changes.

5.1 FINANCIAL IMPLICATIONS

The priority works outlined are subject to annual allocated resources including staff and budget allocations for asset preservation, maintenance and capital works.

Allocated Council resources coupled with Section 94 contributions, grant monies and community sponsorship could reasonably support a five year works program to fill major identified service gaps.

6. IMPLEMENTATION PLAN

This section links management strategies to proposed actions for all Council playgrounds in Newcastle.

The strategies determined by this document provide the framework for management of playgrounds. They are consistent with anticipated availability of resources and anticipated community trends.

Actions are prioritised. Priorities would however, be subject to the availability of resources and may require modification as the plan is implemented.

Responsibility for overall implementation of the plan rests with the Parks and Recreation Manager. Where specialist input is required this has been flagged and will be co-ordinated by the Parks and Recreation Manager.

Codes used in the Implementation Plan as follows:

Group Responsibility	
D&E	Development & Environment
CS	City Strategy
CD	Community Development
CS&P	City Services & Presentation
Program	
AMP	Asset Management Program
CWP	Capital Works Program
RMP	Routine Maintenance Program
NB: Others	Specific programs identified in Plan
Cost Estimate	
Code	Meaning
NA	Not Applicable - no major capital works, generally within existing resources
\$?	Cost to be determined - investigate scope of works to determine impact of funding
ER	Existing Role – being part of an existing job role or team role.

N.B. Where work areas have been amended due to Council restructures, these have also been updated in this Plan.

6. IMPLEMENTATION PLAN

Objective 1: Access					
To provide a playground in each community within a 5-10 minute walk of residences where practicable					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
1.1 Determine the most appropriate locations for new play equipment.	<ul style="list-style-type: none"> carry out investigations necessary to identify service gaps and identify suitable potential sites for new play equipment (eg. census information, analysis of mapping data and on-site inspections). prioritise sites according to identified community needs (refer to census information, sound plan and community surveys). 	<p>Parks & Recreation Programme (CS&P)</p> <p>Parks & Recreation Programme (CS&P)</p>	<p>N/A</p> <p>N/A</p>	<p>High</p> <p>High</p>	<ul style="list-style-type: none"> updated and accurate information informs adopted Plan of Management. Plan of Management adopted.
1.2 Increase public awareness of the location of local playgrounds.	<ul style="list-style-type: none"> provide information to the public on the location of local playgrounds (eg. advertising community notice boards, liaise with park Committees, community forum, press coverage). 	<p>Parks & Recreation Programme (CS&P)</p>	<p>\$?</p>	<p>High</p>	<ul style="list-style-type: none"> increased use of playgrounds demonstrated. positive community feedback and participation in playground design process.
1.3 Maximise opportunities for linkages to playgrounds from surrounding residential areas.	<ul style="list-style-type: none"> determine potential catchment of playground areas, identify barriers and identify opportunities to link potential users with the playground. determine the practicability and feasibility of constructing more linking pathways, crossings and program work. 	<p>Parks & Recreation Programme (CS&P)</p> <p>Infrastructure Development Program (CS&P)</p>	<p>N/A-ER</p> <p>N/A-ER</p>	<p>Medium</p> <p>Low</p>	<ul style="list-style-type: none"> construction of additional pathways and crossings.
1.4 Ensure playgrounds are accessible to people pushing prams and strollers and to people with disabilities.	<ul style="list-style-type: none"> audit existing playgrounds, identify priorities and estimates for work programs & ensure design of new facilities incorporates these features. 	<p>Parks & Recreation Program with Human Services Program (CS&P)</p> <p>(CD)</p>	<p>\$?</p> <p>N/A-ER</p>	<p>Medium</p>	<ul style="list-style-type: none"> number of playgrounds accessible to people with disabilities is increased by 5% by 2005.

6. IMPLEMENTATION PLAN

Objective 2: Play Equipment & Associated Facilities					
<i>Play Equipment & Associated Facilities</i>					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
2.1 Provide new or upgraded play facilities appropriate to needs and ages of user groups.	<ul style="list-style-type: none"> determine demographic profile of catchment and target age groups. Undertake community consultation to assess expectations and concerns. 	Parks & Recreation Program with Infrastructure Development Program and census analysis. (CS&P/CS)	N/A	Medium	<ul style="list-style-type: none"> increased utilisation rates. Positive community feedback through post occupancy and annual surveys.
	<ul style="list-style-type: none"> local playground - provide a variety of play equipment to cater primarily for toddlers and juniors and based on local community needs and demographics. 		N/A	Medium	<ul style="list-style-type: none"> meet criteria in hierarchy from Appendix 3.
	<ul style="list-style-type: none"> district or regional playground - provide a variety of play equipment to cater for toddlers, juniors and young teens (consider interaction with associated facilities like basketball courts, skate bowls etc.). 		N/A	Medium	<ul style="list-style-type: none"> meet criteria in hierarchy from Appendix 3.

6. IMPLEMENTATION PLAN

Objective 2: Play Equipment & Associated Facilities (cont.)		Program & Responsibility	Cost Estimate	Priority	Performance Measure
Strategy	Action				
2.2 Provide new play environments which are interesting, challenging and that encourage creative play.	<ul style="list-style-type: none"> develop site specific playground designs incorporating contextual items where appropriate (eg. foreshore, wetlands, beach, bushland, heritage sites). 	Infrastructure Development Program (CS&P)	N/A	Medium/Low	<ul style="list-style-type: none"> number of new playgrounds incorporating site specific features installed – 1 each year dependant on funding.
	2.3 Provide play opportunities for users with a disability.	<ul style="list-style-type: none"> investigate community needs and appropriate play equipment consistent with Council's Access Policy. 	Parks & Recreation Program with Infrastructure Development Program and Human Services Program (CS&P) (CD)	N/A-ER	High
	<ul style="list-style-type: none"> identify opportunities to integrate equipment/design suitable for users with a disability in existing playgrounds. 	Parks & Recreation Program with Infrastructure Development Program and Human Services Program (CS&P) (CD)	N/A-ER	Medium	<ul style="list-style-type: none"> investigations complete and recommendations made.
	<ul style="list-style-type: none"> upgrade access and install play equipment suitable for users with a disability in appropriate locations with priority given to regional and district facilities. 	Parks & Recreation Program with Infrastructure Development Program and Human Services Program (CS&P) (CD)	\$ - CWP incorporated in overall budget allocation	Medium/Low	<ul style="list-style-type: none"> equipment installed. Levels of usage. Positive feedback from key users and the community.

6. IMPLEMENTATION PLAN

Objective 2: Play Equipment & Associated Facilities (cont.)					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
2.4 Provide appropriate facilities associated with play equipment.	<ul style="list-style-type: none"> local playground - provide seating, close to playground. 	Infrastructure Development Program (CS&P)	\$25,000 - \$35,000 for existing playground - CWP	Medium	<ul style="list-style-type: none"> 80% of playgrounds with appropriate facilities.
	<ul style="list-style-type: none"> district and regional playgrounds - provide seating, shade shelter, with picnic area, BBQ, toilets within the open space area. 		N/A (include in new installations) - CWP		<ul style="list-style-type: none"> user satisfaction - positive feedback received. annual number of requests for additional park furniture.

6. IMPLEMENTATION PLAN

Objective 3: Shade					
To provide where possible and practicable shading for play equipment and for associated facilities					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
3.1 Provide shade to users of play equipment and adult carers/supervisors.	<ul style="list-style-type: none"> carry out visual survey and verify playgrounds where there is a lack of shade. 	Parks & Recreation Program with Infrastructure Development Program (CS&P)	N/A	High	<ul style="list-style-type: none"> list compiled and priority playgrounds verified and entered in parks database.
	<ul style="list-style-type: none"> program planting design and works. 	CWP (CS&P)	N/A	High	<ul style="list-style-type: none"> works program complete. designs complete.
	<ul style="list-style-type: none"> provide shade to play equipment and seating areas using planting or structures (planting to NW and W, use of mounding to gain height, faster growing long lived species). 	CWP (CS&P)	\$25,000 pa	Medium	<ul style="list-style-type: none"> annual number of shade trees planted. 50% shade to play equipment and seating areas in 15 years.
	<ul style="list-style-type: none"> <u>district & regional</u> - provide fixed shade shelter with seating. <u>regional</u> - provide direct shading structure over play equipment. 	CWP (CS&P) CWP (CS&P)	N/A N/A		<ul style="list-style-type: none"> 80% of district and regional facilities with appropriate shade structures.

6. IMPLEMENTATION PLAN

Objective 4: Safety & Risk Management

To ensure that playground design and maintenance provides hazard free play environments for users

Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
4.1 Provide softfall material to play equipment, which meets relevant Australian Standards and has acceptable maintenance levels.	<ul style="list-style-type: none"> install appropriate softfall material under all play equipment to be retained and maintained to provide a safe play environment. 	Parks Maintenance Program (CS&P)	N/A	High	<ul style="list-style-type: none"> 100% of playgrounds with safety standard softfall by June 2001.
4.2 To ensure all retained play equipment meets relevant Australian Standards.	<ul style="list-style-type: none"> prepare and adopt comprehensive service levels (including inspection program to identify hazards). program regular inspections to monitor the condition of play equipment and associated facilities (as per service level document). monitor the cost of maintenance and replacement in order to budget for future resources (use financial systems to record time, plan and material costs incurred in maintenance). 	Parks & Maintenance Program (CS&P)	N/A	High	<ul style="list-style-type: none"> number of accidents or complaints reduced. service levels updated and adopted by June 2002. inspections and repairs carried out according to Service Level Specifications. annual cost of maintenance monitored and budget allocated each year from 1998-2005 review.

6. IMPLEMENTATION PLAN

Objective 4: Safety & Risk Management (cont.)					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
4.3 Encourage responsible activity in playground areas.	<ul style="list-style-type: none"> assess the feasibility of increasing community surveillance of playgrounds. 	Parks Maintenance Program (CS&P)	N/A	High	<ul style="list-style-type: none"> feasibility assessed and recommendations made.
	<ul style="list-style-type: none"> consider visibility and surveillance when siting all new play equipment. 	Infrastructure Development Program & Parks Maintenance Program (CS&P)	N/A	Ongoing	<ul style="list-style-type: none"> visibility assessed and concealed sites avoided.
	<ul style="list-style-type: none"> remove all graffiti as soon as practicable. 	Grffiti Team RMP		Ongoing	<ul style="list-style-type: none"> carried out according to Service Level Specifications.
	<ul style="list-style-type: none"> repair vandalised play equipment as soon as practicable or remove if damaged beyond repair. 	CS&P RMP	Within maintenance vote-RMP	Ongoing	<ul style="list-style-type: none"> carried out according to Service Level Specifications.

6. IMPLEMENTATION PLAN

Objective 5: Landscape Design and Visual Quality

To ensure that playground site planning and playground design is sympathetic to the visual, heritage and landscape values of the park setting

Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
5.1 ensure playground design and siting respects visual, heritage and landscape values of the park.	<ul style="list-style-type: none"> develop site plan that minimises visual impact of new/extended playgrounds (consider slopes and existing treed areas). choose material, colours and forms not in conflict with park character (consider using tertiary colours). 	Infrastructure Development Program (CS&P)	N/A	Ongoing	<ul style="list-style-type: none"> new/extended playground well integrated in park setting – staff & user feedback.
5.2 provide landscaped surrounds to the play area which are sympathetic to the park setting and that enhance the play environment.	<ul style="list-style-type: none"> develop planting design that reflects existing park character, significant tree plantings and heritage items. design new tree and shrub planting, taking shading, screening and visual amenity into account. 	Infrastructure Development Program (CS&P)	N/A	Ongoing	<ul style="list-style-type: none"> user satisfaction gauged from feedback received each year. user satisfaction gauged from feedback received each year.

6. IMPLEMENTATION PLAN

Objective 6: Asset Management <i>To ensure that playground assets are managed in a cost effective manner for the provision and ongoing maintenance of playground facilities in the most appropriate locations</i>					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
6.1 identify service gaps for playgrounds and associated facilities.	<ul style="list-style-type: none"> maintain an up to date inventory of playground equipment and associated facilities and record changes as necessary. monitor usage of existing play equipment by undertaking surveys on utilisation rate and satisfaction levels. review playground distribution and regularly assess against demographic trends to highlight service gaps. 	Parks & Recreation Program, Parks Maintenance Program & Infrastructure Development Program AMP (CS&P) “ “	\$? ER ER	High Ongoing Ongoing	<ul style="list-style-type: none"> parks database updated and maintained compliant with Impala and Parks Database. updated information used in revised Plan of Management. comprehensive survey data collected and analysed for review of POM by 2005.

6. IMPLEMENTATION PLAN

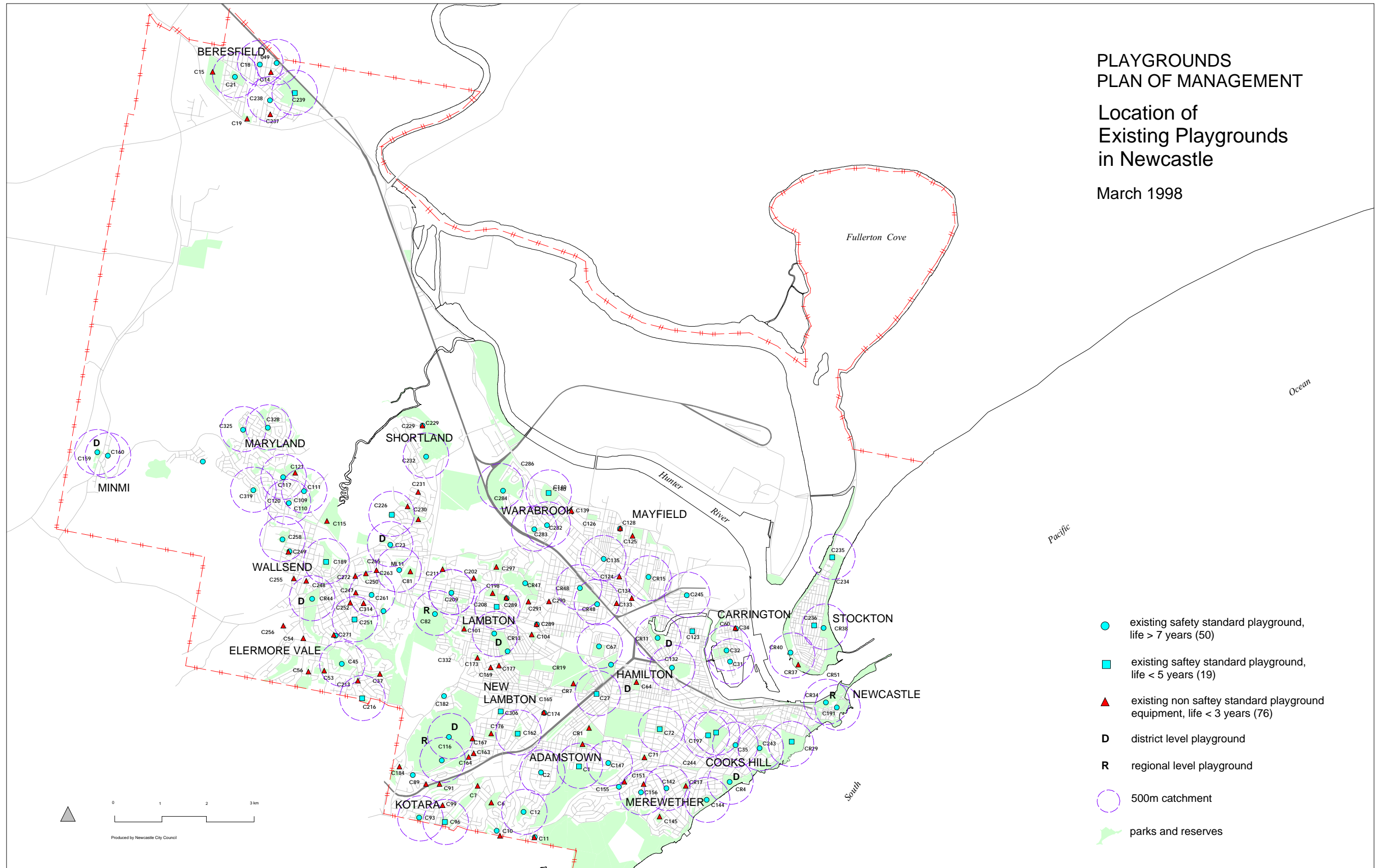
Objective 6: Asset Management (cont'd)					
Strategy	Action	Program & Responsibility	Cost Estimate	Priority	Performance Measure
6.2 fill service gaps, respond to demographic change & improve utilisation rates	<ul style="list-style-type: none"> identify priority works and necessary budget to upgrade existing safety standard playgrounds with additional equipment for poorly serviced groups 	Parks & Recreation Programs with Infrastructure Development Program CWP (CS&P)	\$70,000	High	<ul style="list-style-type: none"> priority list of playground upgrades or installations submitted annually works program and budget completed for annual budget process
	<ul style="list-style-type: none"> program design and implementation and funding for priority replacements and new installations as identified in plan of management (select efficient locations with good catchment, in response to demographic trends & avoid duplication of services assess alternative sites before replacement on an existing site) 	Parks & Recreation Programs with Infrastructure Development Program CWP AMP (CS&P)	N/A-ER	High	<ul style="list-style-type: none"> Plan of Management adopted completed annual program
	<ul style="list-style-type: none"> undertake works program 	CWP AMP (CS&P)	\$20,000/ playground	Medium	<ul style="list-style-type: none"> completed installations on time and within budget each year
6.3 provide appropriate level of maintenance for each playground	<ul style="list-style-type: none"> see section 4.0 'Safety and Risk Management' 	RMP (CS&P)		High	<ul style="list-style-type: none"> maintenance in accordance with Service Level Specifications

EXISTING PLAYGROUNDS IN NEWCASTLE

PLAYGROUNDS
PLAN OF MANAGEMENT

Location of
Existing Playgrounds
in Newcastle

March 1998

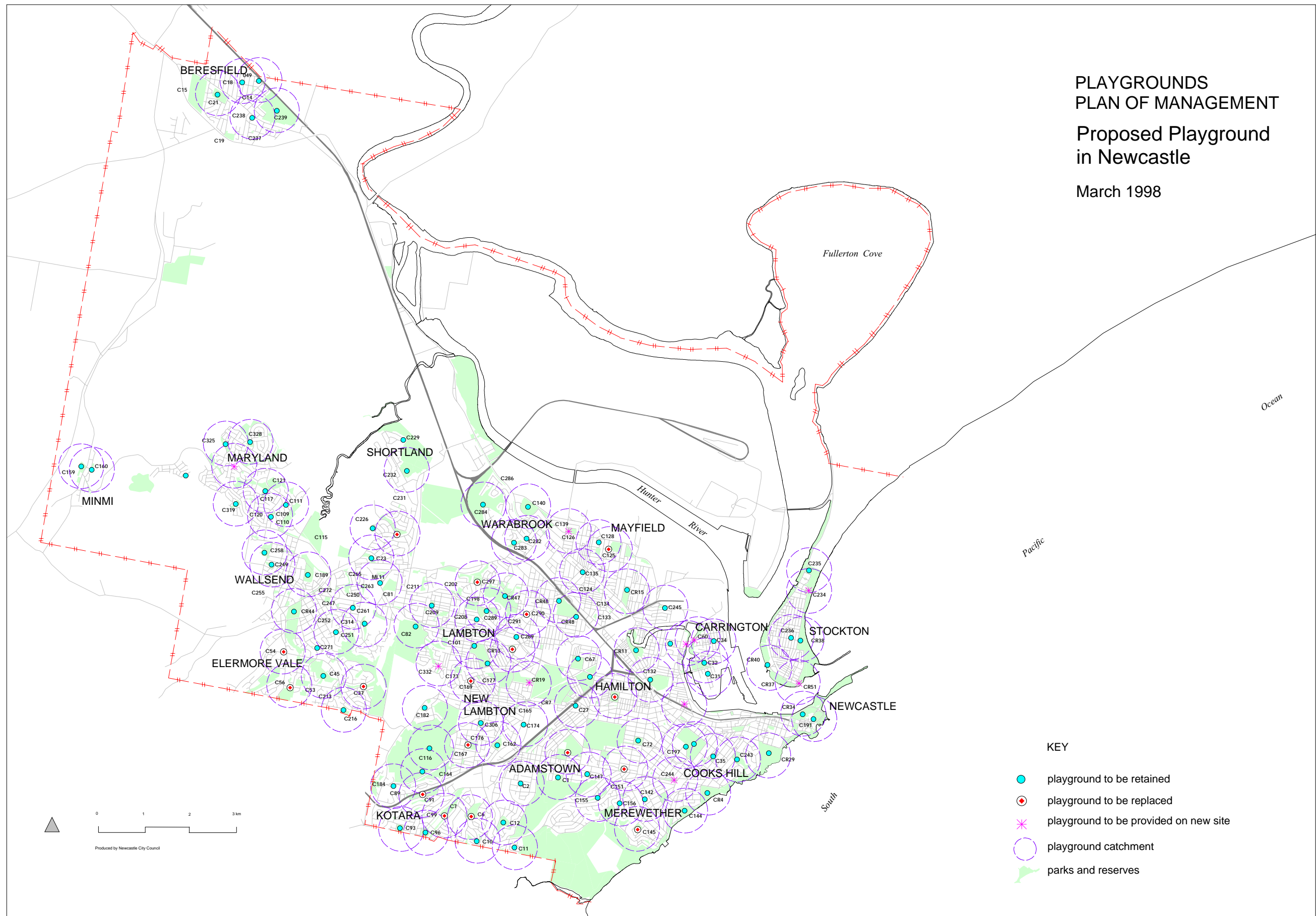


PROPOSED PLAYGROUNDS IN NEWCASTLE

PLAYGROUNDS
PLAN OF MANAGEMENT

Proposed Playground
in Newcastle

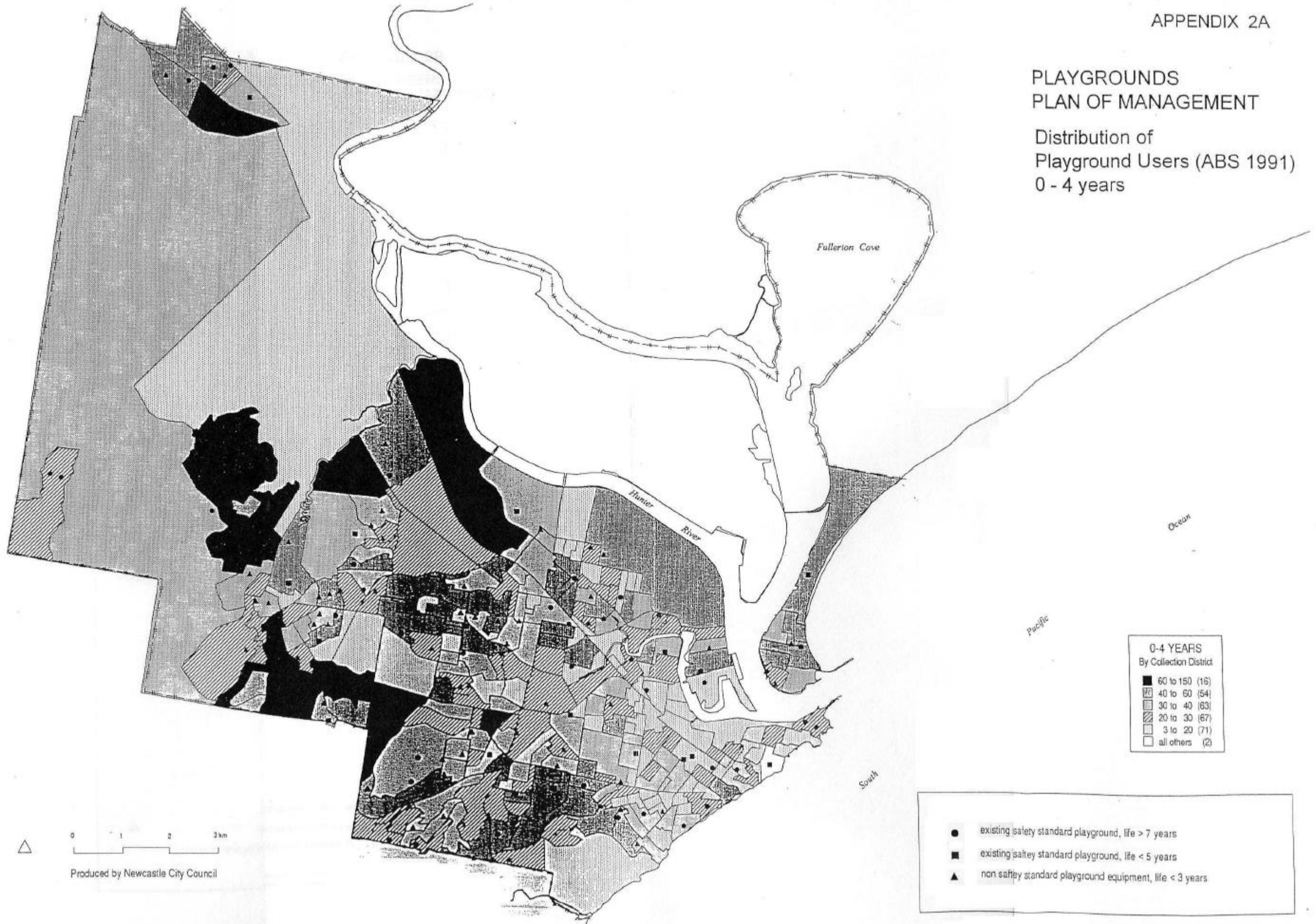
March 1998



- KEY
- playground to be retained
 - playground to be replaced
 - * playground to be provided on new site
 - playground catchment
 - parks and reserves

PLAYGROUNDS
PLAN OF MANAGEMENT

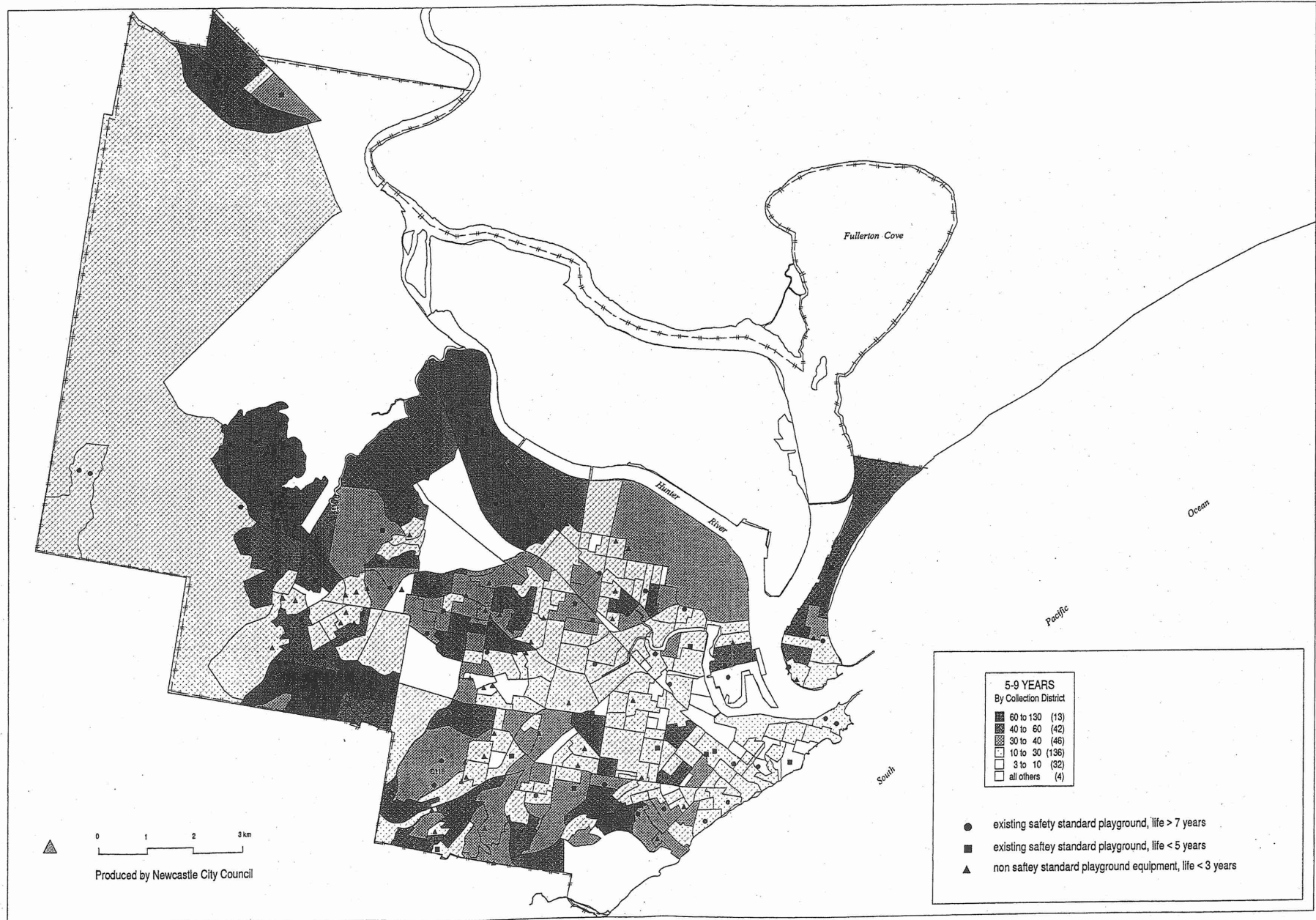
Distribution of
Playground Users (ABS 1991)
0 - 4 years



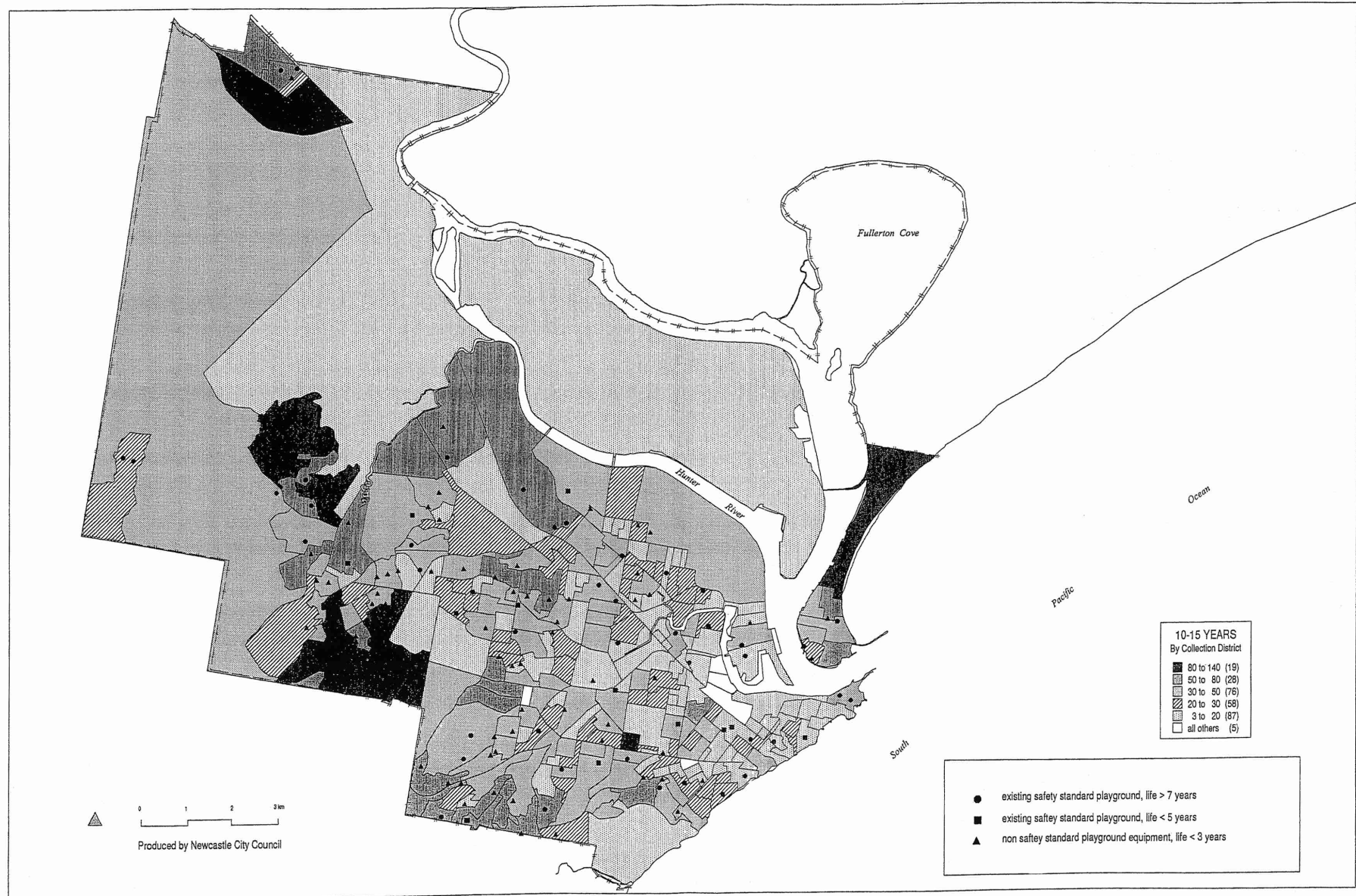
0 1 2 3km

Produced by Newcastle City Council

APPENDIX 2B
DISTRIBUTION OF PLAYGROUND USERS
5 - 9 YEARS - 1991



APPENDIX 2C
DISTRIBUTION OF PLAYGROUND USERS
10 -15 YEARS - 1991



**CRITERIA OF REGIONAL, DISTRICT AND LOCAL
HIERARCHIES FOR PLAYGROUNDS**

PLAYGROUND HIERARCHY			
Aspect	Regional Playground	District Playground	Local Playground
USER COMMUNITY	playground use by regional community	playground use by Newcastle community	playground use by local community
TYPES OF ACTIVITY	playground use part of multiple activities of major recreation area	playground use part of other organised or informal recreation activities	playground use as part of informal recreation activity
LOCATION	playground part of major recreational area	playground part of larger park	playground part of neighbourhood park
TYPES OF PLAY FACILITIES	play opportunities for toddlers (0-5), juniors (5-10) and young teenagers (10-15)	play equipment for toddlers (0-5), juniors (5-10), and young teenagers (10-15)	play equipment for toddlers (0-5), juniors (5-10)
DESIGN	site specific playground design and structures reflecting local heritage and environment	design theme reflecting local heritage and environment, proprietary play equipment	design based on proprietary play equipment selected to meet local needs
ACCESS	access by car or public transport	access by car or public transport	access generally on foot
FUNDING	Council and external funding	Council funding and/or local community funding	Council funding and/or local community funding
APPROXIMATE COSTING	\$60,000 - \$120,000 per playground with associated facilities	\$40,000-\$55,000 per playground with associated facilities	\$25,000-\$35,000 per playground with associated facilities
PARKING	dedicated parking	usually on street and off street parking	generally on street parking only
SHADE AND SHELTER	shade structure or shade tree cover to play area, associated shade shelters	associated shade shelters, tree planting to provide shade	tree planting to provide shade
OTHER FACILITIES	change rooms, toilets, kiosk, BBQ and picnic areas, seating and bubblers	toilets, BBQ and picnic areas, seating and bubbler	seating

APPENDIX 4

SCHEDULE OF LAND: PLAYGROUNDS

All playgrounds in this Plan of Management are located within parks or land categorised in other Plans of Management. For the purposes of this Plan of Management, the area which applies to the Playground Plan of Management is the land on which the play equipment & associated facilities are located and land within two (2) metres of these facilities. Plans of individual playgrounds are available for viewing by contacting Council's Landscape Architects Section.

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
1	ALDER PARK	Bridges Road, New Lambton	4.13	C162	Pt Lot A, Pt Lot B & Lot C DP 344171	1993 1970
2	BALLAST GROUND - Sailing Club	Fullerton Street, Stockton	unknown	CR40	Crown Reserve 52223	1993
3	BANKSIA CLOSE RESERVE	Banksia Close, Adamstown	0.48	C011	Lot 51 DP 255476	1999
4	BEAUFORD AVE RESERVE (& MCNAUGHTON AVE RES)	Beauford Avenue, Maryland	0.38	C109	Lot 215 DP 258190, Lot 232 DP 602843	1996 1997
5	BERESFIELD DAY CARE CENTRE	Beresfield	0.35	O49	Lot 2 DP 515048, Lots 375 376 Section A DP 12628	992
6	BERNBOROUGH AVENUE PARK	Bernborough Avenue, Maryland	0.28	C111	Lot 105 DP 253833	1996
7	BIRCHGROVE DRIVE RESERVE	Wallsend	1.36	C330	Lot 9051 DP 872329	1999
8	BLACKBUTT RESERVE	Lookout Road & Mahogany Drive, Kotara	156	C166	Lot 181 DP 599648, Lot 1 DP 594058, Pot 3164, Lots 10 & 13 DP 263568,	1996
9	BREEN STREET RESERVE	Dunbar Street, Stockton	0.25	C236	Lot 2 DP 919526	1994 1999
10	BULL AND TOURLE STREETS RESERVE	Mayfield	2.077	C126	Lot 1 DP 108250	2000
11	CAMBRIDGE DRIVE RESERVE	Dangerfield Drive, Elermore Vale	3.89	C037	Lot 252 DP 739442, Lot 343 DP 786552, Lot 344 DP 786552, Lot 64 DP 713019, Lot 65 DP 713019,	1970
12	CAMERON PARK	Christo Road, Waratah	0.77	C289	Lot 2547, Pt Lot 2548, Pt Lot 500 & Pt Lot 501 DP 755247	1999
13	CAMPBELL PARK	Caldwell Street, Merewether	0.85	C142	Lot 76 DP 192689, Lot 95 DP 32284	1993 1970
14	CARRINGTON STREET RESERVE	Carrington Street, Wallsend	1.44	C249	Lot 59 DP 221157	1999

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
15	CASUARINA CIRCUIT RESERVE	Casuarina Circuit, Warabrook	0.2	C282	Lot 68 DP 264659	1995 1993 1994
16	CEDRELLA CRESCENT RESERVE	Cedrella Crescent, Warabrook	2.14	C283	Lot 237 DP 700272, Lot 281 DP 719631, Lot 340 DP 732251	1995
17	CENTENNIAL PARK	Dawson Street, Cooks Hill	2.53	C035	Pt Land in DP 95112	1993 1992 1997
18	CLAREMONT AVENUE PARK	Randall Parade, Adamstown	5.53	C012	Lot 62 DP 30888	1993 1994 1970
19	COE PARK	Dennison & Wilson Streets, Carrington	0.2	C031	Lot 8 Sec 23 DP 755247, Lot 11 Sec 23 DP 755247	1995
20	CONNOLLY PARK	Cowper Street North, Carrington	2.62	C032	Pt Land In Sec 32 Town of Carrington, Por 8a Sec 32, Por 3113	1995
21	COOK PARK	MacArthur Street, Shortland	0.74	C226	Lot A DP 36553	1993 1980
22	COOLAMIN ROAD RESERVE	Coolamin Road, Waratah	0.04	C290	Por 516 N.P.R	1999
23	COORUMBUNG ROAD RESERVE	Coorumbung Road, Broadmeadow	0.1	C027	Pt Pors 2117 & 2118, Lots 1 & 2 DP 171829	1970 1992
24	CORROBA PARK	Meridith Street, Stockton	2.24	C235	Pt of Ms 3051 MD	1970 1993
25	COWIE AND USK STREET RESERVE	Mayfield	0.32	C128	Lots 9-11, 13, 15, 17 DP 16844	1999
26	CRESSINGTON WAY RESERVE	Cressington Way, Rankin Park	0.97	C251	Lot 106 DP 238161	1993
27	DANGAR PARK	Maitland Road, Mayfield	4.55	CR15	Park in DP 6059	1996
28	DISTRICT PARK	Bavin Road, Broadmeadow	13.9	CR07	Pt Por 1502 N3650-2111, Por 2692 N6292-2111, Pts of Perth & Young Rds	2003
29	DIXON PARK	Ocean Street, Newcastle	4.65	C144	Pt DP 111238, Lot 3 DP 227107	1993

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
30	ELERMORE VALE PARK	Croudace Road, Elermore Vale	8.12	C045	Lot A DP 327185, Lot 45 DP 8479, Lot 480 DP 71379, Lots 2&3 DP 546740, Lot 38 DP 245011, Lot 1 DP 243944, Lot 5 DP 561875, Lot 64 DP 523381, Lot 5 DP 837329, Lot 1 DP 656788, Lot 11 DP 242609, Lot 13 DP 222966	1970 1990 1993
31	EMPIRE PARK	Kilgour Avenue, Newcastle	8.02	CR04	Por 258 MS 8236 MD	1993
32	FEDERAL PARK	Boscawen Street, Wallsend	6.99	C189	Land In MS 818 MD, Lot 16 Sec N Brooks Subdivision	1997 1995
33	FLETCHER STREET RESERVE	Fletcher Street, Adamstown	0.13	C002	Lot B DP 164888	1970 1994 1995
34	GRANGE AVENUE RESERVE	Grange Avenue, Maryland	4.13	C117	Lot 134 DP 253956, Lot 513 DP 717019	1995
35	GREGSON PARK	Tudor Street, Hamilton	3.88	C064	Land in DP 95154	1998 1992
36	GROSS STREET RESERVE	George Street, Tighes Hill	1.03	C245	Lot 13-18 DP 1794, Lot 1 DP 529203, Lot 21 DP 853092	1995
37	HAROLD MYER PARK	Sandgate Road, Birmingham Gardens	2.81	C023	DP 12691	1997
38	HENDERSON PARK	Lockyer Street, Merewether	1.06	C147	Pt Land in DP 109967	1970 1990
39	HILLVIEW PLAYGROUND	Morehead Street, Lambton	0.25	C208	Lots 13-15 DP 257371, Por 3167 N9057-2111	1970 1992 1993
40	HOGUE PARK	Wickham	0.11	C123	Lots 8, 9, 22-24 DP 1295	1970
41	HOLLYWOOD PARADE PARK	Hollywood Parade, New Lambton Hts	0.65	C184	Lot 91 DP 23385	2000
42	HOPE ST RESERVE - PLATTSBURG PK	Hope Street, Wallsend	2.31	C258	Lot 1 DP 220555	1994
43	HUDSON PARK	Lexington Parade, Adamstown Heights	6.68	C006	Lot 111 DP 220435 & Lot 92A DP 27878	2000
44	ISLINGTON PARK	Maitland Road, Islington	9.4	CR11	Pt Land In MS 735 MD, Lot 1 DP 337010 & Lots A & B DP 37022	1996

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
45	JAMES PARK	Diana Street, Wallsend	1.12	C261	Lot 28 DP 35225	1997
46	JESMOND DAY CARE CENTRE	Jesmond		ML11	Lot 22 DP 707993	1993
47	JESMOND PARK	Jesmond	9.22	C082	Land in DP 396221, Lot 1 DP 238564	1993 1996
48	BALARANG STREET RESERVE	Balarang Road, Maryland	5.027 m ²	C325	Lot 5 DP 863117	1997
49	KILPANIE RESERVE	Lambton	4,581 m ²	C333	Lot 1060, DP 836214	1998
50	KING EDWARD PARK	Ordance Street, Newcastle	15.3	CR29	Pt Land in DP 54152, Lot 3116 DP 755247	1970 1992
51	KOTARA PARK	Kotara	5.73	C091	Pt DP 13333	1999
52	LAMBTON PARK	Howe Street, Lambton	12.5	CR 13	No. 41 Part Lot 3185 DP 40064 Lots 2 & 3 DP 219868 Wallarrah Road New Lambton Park Plus Kentish Ovals 1 & 2 And Richard Ford Oval No. 69 Part Lot 3185 DP 40064 Hobart Road Harker Oval, Former Caretakers Cottage (Now Ecological Residence) Park No. 43 Dedicated Public Reserve	1992 1996 2000
53	LAMBTON POOL				Part of Lambton Park	1993
54	LEARMONTH PARK	Gordon Avenue, Hamilton	2.7	C072	Land In DP 95334	1970 1992
55	LUGAR STREET RESERVE	Moruya Parade, Kotara	2.31	C093	Lot 2 DP 225992	1993
56	LYALL RESERVE	Long Crescent, Shortland	0.18	C229	Lot 171 DP 206758	2000
57	McCAULEY PARK	Anderson Drive, Beresfield	0.32	C238	Lot 26 DP 220700	1993
58	MINMI PK - WOODFORD STREET	Minmi	3.33	C159	Lots 1 & 2 DP 157344, Lot 71 DP 734434, Lot 722 DP 776831	1994
59	MINMI RESERVE - McINNIS STREET	Minmi	0.97	C160	Lot 20 Sec C DP 30399	1994

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
60	MORPETH ROAD RESERVE	Morpeth Road, Waratah	6.22	C298	Lots 423, 424, 427, 429, 430, 431, 418, 419, Pts Lots 416, 417, 420, 421, 422, 399,	2000
61	MURABARBAH PARK	Rosedale Crescent, Rankin Park	1.91	C216	Lot 47 DP 239947, Lot 3021 DP 583061	1970 1994
62	MYERS PARK	Glebe Road, Adamstown	4.71	CR01	Pt Pors 1779, 1966, 1967, Pors 1968-1977, 1780-1782, Reserve 59561 N.P.R	2000
63	NATIONAL PARK	Union Street, Newcastle	21.2	C197	Pt Por 268a, Land in MS 3139 MD	1970 1993
64	NESBITT PARK	Casey Avenue, Kotara	3.18	C096	Lot 1 DP 412974	2002
65	NESCA PARK	Nesca Parade Newcastle	5.9	C243	Lot 1 DP 35833, Lot 1 152697, Lots 2 & 4 DP 222421, Lot 18 DP 507033,	1970 1994
66	NOVOCASTRIAN WOMEN'S SPORTS CENTRE	Orchardtown Road, New Lambton	3.79	C176	Pt Lot 3 & Lot 4 DP 3365	2000
67	O'CONNELL PARK	Bryant Street, Adamstown	2.01	C001	Lot 100 DP 20087	1970 1993
68	OAK CLOSE RESERVE	Oak Close, Fletcher	1.879	C319	Lot 132 DP 858388 Lot 377 DP 868047	1998
69	PARNELL PARK	Scott Street, Newcastle	0.3	C191	Land in N 137-844R	2002
70	PILKINGTON STREET RESERVE	Fifth Street, Lambton	1.24	C209	Pt Lots 9-12 DP 40	1970 1993
71	RAWSON PARK - Lynn Oval	Mitchell Street, Stockton	13.2	CR38	Pt Land in R79066	1993
72	REGENT PARK	Regent Street, New Lambton	1.62	C306	Lots 3-10 & 18-25 DP 1949	2000
73	RICHLEY RECREATION RESERVE	New Lambton	7.64	C166	Lot 19 DP 555035	1993
74	RUSHTON PARK	Wallsend	0.46	C271	Lot 69 DP 23642	1998
75	SMITH PARK	Boreas Road, Hamilton	5.58	C067	Pt Lot 2508 DP 755247	1970 1996

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
76	STEVENSON PARK	Maitland Road, Mayfield	13.8	C140	Lots 2&3 DP 221557, Lot 175 DP 552911	1984
77	TARRO RECREATION AREA	Anderson Drive, Tairro	34.3	C239	Lot 2 DP 233622	1996 1999
78	THE FORESHORE	Wharf Road, Newcastle	5.53	CR34	Lots 2 & 3, 6 & 7, 10 & 11, 13 DP 720672	1993
79	THOMAS PERCY OVAL	Allowah Street, Waratah	2.71	C297	Lot 221 DP 218736	2000
80	TUMPOABA RESERVE	Maryland	4.572	C328	LOT 3 DP 839872	1996
81	TUXFORD PARK	King Street, Shortland	6.22	C232	LOTS 1-3 DP 12700, LOT 143 DP 523766, LOTS 43 & 44 DP 554433, LOT 11 DP	1993
82	VERA WILSON PARK	Beresford Avenue, Beresfield	0.2	C018	LOT 1283 DP 833970	1994
83	WALLSEND PARK	Lake Road, Wallsend	9.01	CR44	PT POR 1729 N 43-2071	1996
84	WARABROOK WETLANDS RESERVE	Maitland Road, Warabrook	93	C284	DP 815709 DP 826444	1997
85	WARATAH PARK	Young Street, Waratah	12.3	CR48	Lots 3189, 3190 & 3191 DP 44990	1994
86	WEBB PARK	Hanbury Street, Mayfield	0.37	C135	Pt Land In Sec 3 Village of Waratah	1993
87	WEST PARK & PUBLIC RESERVE	City Road, Merewether	2.21	C155	Land in DP 153975, Lot 3 DP 234816	1970
88	WICKHAM PARK	Albert Street, Wickham	10.2	C132	Pt Pors 152 & 166 DP 755247, Various other Lots	1970
89	WILLOW CLOSE RESERVE	Willow Close, Elermore Vale	1.32	C056	Lot 15 DP 258936, Lot 41 DP 711005, Lot 6 DP 842408, Lot 41 DP 711005	2000
90	WOODWARD ST RESERVE	Woodward Street, Merewether	0.18	C156	Lot 95 DP 39230	1990 1993
NEW SITES - To be installed during years 2000-2005						

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
91	AVON STREET DRAINAGE RESERVE	Mayfield	0.16	C125	Land In DP 16844	2002
92	BRAYE PARK	Waratah		C241	Multiple Lots	New
93	CARRINGTON FORESHORE - Young St Reserve	Carrington	0.17	C060	Lot 2 Sec 51 DP 5247	2001
94	GIBBS BROTHERS PARK	Merewether	2.46	C145	Lot 50 DP 238487	2002
95	GLENDORE VILLAGE	Maryland	TBA	TBA	TBA	To be installed
96	GRAHAME PARK	Carrington	0.41	C034	Lots 9 & 10 Sec 43 DP 755247	2000
97	GWYDIR PARK	New Lambton	0.57	C169	Por 1138 N 2766-2111	2001
98	HENRY PARK	Hamilton South	1.66	C071	Lot 124 DP 37402	To be installed
99	JOHNSON PARK	Lambton	1.6	C104	Pors 2282-2285 N.P.R	2000
100	KULLIABA RESERVE	Adamstown Hts	5.12	C007	Lot 134 DP 241072	To be installed
101	LINDSAY MEMORIAL PARK	Beresfield	5.87	C021	Pt Land In DP 29481, Lot 205 DP 500525, Land In MS 4885 MD, Pt Land In	2000
102	LINWOOD FORESHORE	Hannell Street Reserve, Maryville	2.745	C123	Lot 40 DP 1001171 Lot 10 DP 1028578	To be installed
103	LOOKOUT ROAD SOUTH	New Lambton Heights	8,750 m ²	C182	Lot 40 DP 19631	New
104	MACKIE AVENUE RESERVE	New Lambton	0.98	C174	Lot 28 DP 8570, Lot 321 DP 705716	New
105	NEW LAMBTON PARK	New Lambton	9.2	C175	No. 41 Part Lot 3185, DP 40064, Lots 2 & 3, DP 219868 No. 69 Part Lot 3185, DP 40064 No. 43 Dedicated Public Reserve	2000
106	NORTH STOCKTON BEACH RESERVE	Stockton	1.01	C234	Lots 1 - 18 Section 40 DP 87258, DP 89698	To be installed

SCHEDULE OF LAND: PLAYGROUNDS

No.	Park/Reserve Name	Location	Area (ha)	Land Reg No	Lot & DP Number	Year of Installation
107	NORTHCOTT PARK	Shortland	5.2	C230	Lots 1 & 2 DP 225234, Lot 1 DP 521114	2000
108	PITT STREET RESERVE	Stockton	13.8	CR51	Lot ? DP 87866 Lot 43 DP 753191	2003
109	ROWLAND PARK	The Junction	0.64	C244	Lot 108 DP 95290	To be installed
110	STEWART PARK	Wallsend	0.2	C054	Lot 11 DP 23203	2003
111	WALLSEND POOL	Wallsend	3.444	C299	No 6 Lot 1 DP 254014 Lots 1, 2 and 3, DP 225566 Lot 12 DP 596183 and Lot 1, DP 552405	New
112	WICKHAM - COTTAGE CREEK	Wickham	TBA	TBA	TBA	To be installed