



PLAN OF MANAGEMENT DISTRICT SIX

Prepared by
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BUSHLAND AND BIODIVERSITY TEAM

GENERIC PLAN OF MANAGEMENT

FOR
COMMUNITY LAND AND
CROWN RESERVES
PLANNING DISTRICT SIX
Adopted 13 December 2006

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FOREWORD

This Plan of Management has been prepared to comply with the *Local Government Act 1993* and the *Crown Lands Act 1989*. The plan covers Hornsby Shire Council's Open Space community land and land under Council's care, control and management (generally Crown land). This land includes parks and reserves, bushland and community facilities such as community centres, where the land is owned or managed by Council.

In order to be consistent with other Council Planning Documents, the Generic Plans of Management for community land and Crown reserves have utilised the nine Planning Districts within the Shire. The delineation of Districts is shown in Figure 1, including District 6 highlighted in bold font. Figure 2 depicts District 6 including suburbs within the District, subject of this Plan of Management.

This Plan of Management applies to community land within District 6, the suburbs of Arcadia, Berrilee, Berowra Creek, Berowra Waters, Canoelands, Dural, Fiddletown, Forest Glen, Galston, Glenhaven, Glenorie, Laughtondale, Maroota, Middle Dural, Singleton's Mill and Wisemans Ferry.

This Plan of Management supersedes the Generic Plans of Management for Parks and Reserves, Sportsgrounds, and Bushland previously adopted by Council where applicable to District 6. Where specific Plans of Management exist in relation to any reserve in District 6, this is stated in the Categorisation Mapping & Asset Information entry relating to that land.

COMMUNITY INPUT INTO THE PLANS OF MANAGEMENT

The *Local Government Act 1993* requires that all Plans of Management be placed on public display for a minimum period of 28 days. A minimum period of 42 days after the draft is placed on exhibition is allowed for written submissions to be made to Council (s.38). By writing a submission, members of the community are given the opportunity to participate in the future direction of management of the Shire's Open Space.

Submissions allow the community (including residents, interest groups, sporting clubs and Government agencies), to express opinions, provide information and suggest alternatives to the proposed Management strategies for community land within the Shire. On closure of the period of public comment, and after consideration of submissions received, Council may decide to amend the draft Plan of Management, or adopt it without further amendment. If Council decides to amend the draft plan, it must publicly exhibit the amendments as above until such time as the draft can be adopted without further amendment unless the amendments are of a minor nature (S.40 and S.40A).

PUBLIC HEARING

A public hearing will be held in respect of the Generic draft Plans of Management for community land that has been recategorised.(s.40 (3)) The community land has been recategorised in accordance with the amendments to the *Local Government Act* and following development of guidelines for categorisation from the *Local Government (General) Amendment (Community Land Management) Regulation 1999*.

The Asset and Inventory section identifies land that is to be recategorised by this Plan of Management.

Further information can be obtained from the Parks and Landscape Team, Phone: 9847 6853.

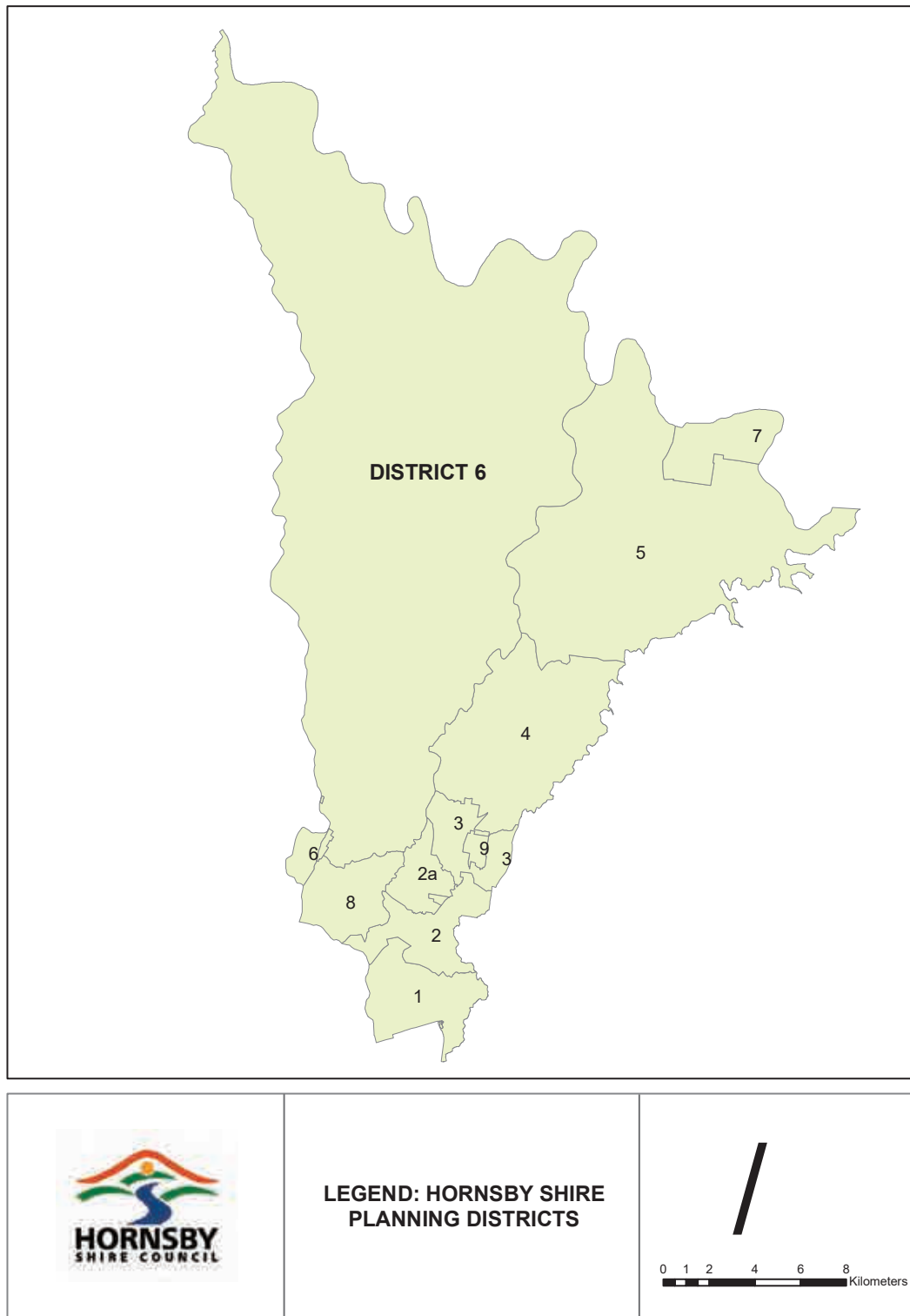


Figure 1. Hornsby Shire Council Planning Districts

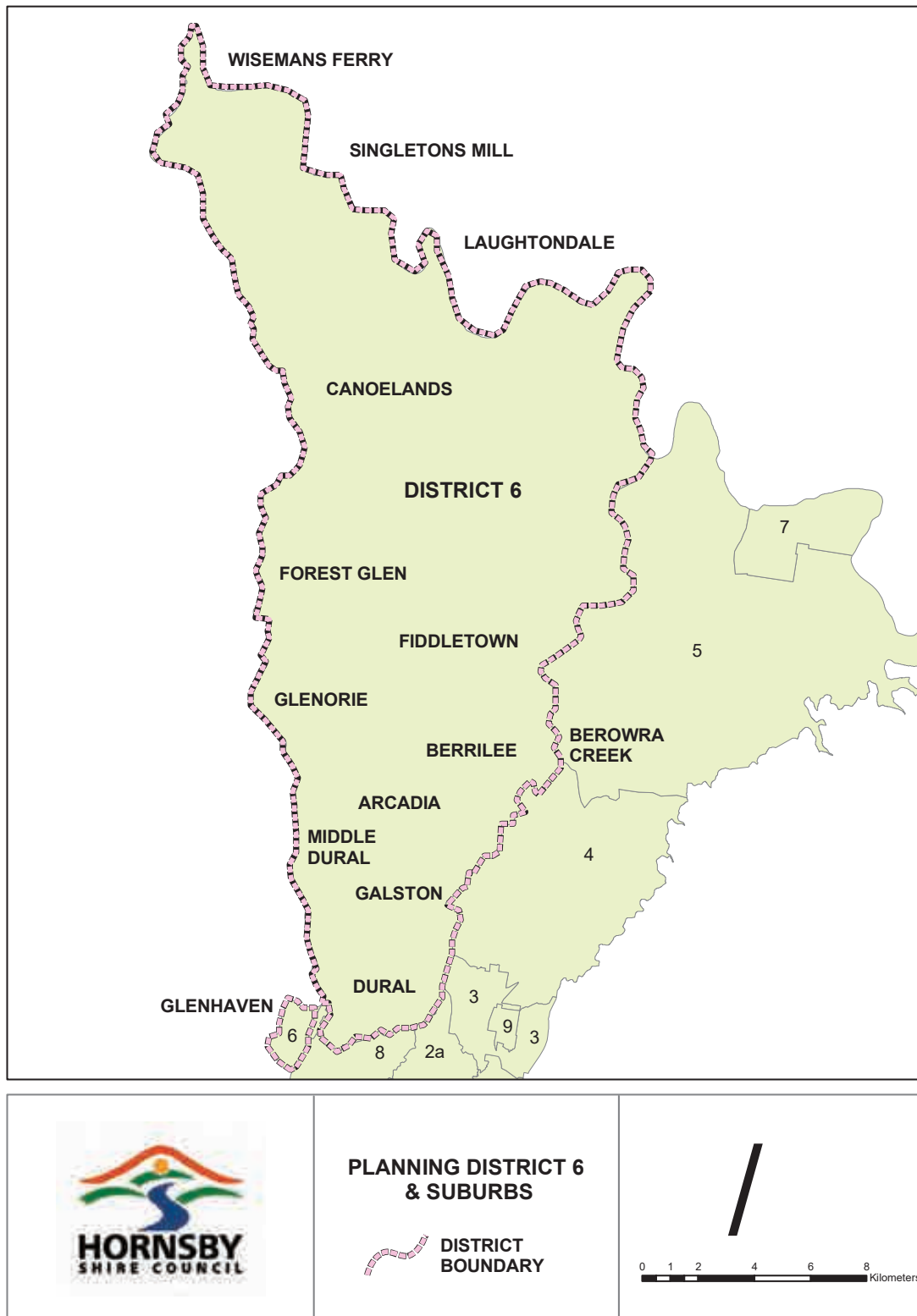


Figure 2. District 6 – Suburbs

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PART I - MANAGEMENT STRATEGY

1.0 INTRODUCTION

1.1 PURPOSE OF THE PLAN OF MANAGEMENT

The Plan of Management identifies the values of Hornsby Shire Council's open space, the objectives for management of those values, the issues affecting the land and the strategies for managing, using and developing the land.

The Plan of Management has been prepared in accordance with the *Local Government Act 1993* that requires plans of management to be prepared by Councils for all community lands, and the *Crown Lands Act 1989*. Other land under Council care, control and management such as Crown Land has been included in the Plan to ensure a consistent approach to land management.

This Plan of Management is a generic plan, which applies to multiple areas of land. Hornsby Shire Council's community land will be managed in accordance with the core objectives established in the *Local Government Act 1993*.

The Plan of Management outlines Council's objectives and strategic intentions and establishes a program for determining priorities, implementation and measuring performance.

1.2 STRUCTURE OF THE DOCUMENT

The Plan is presented in three parts:

Part 1 is the Management Strategy including background information, statutory planning information, the basis for Council's management, values of the land, objectives for management of the land and authorised uses for the land. This part looks at major management issues relevant to community land to determine outcomes and broad objectives for management.

Part 2 is the Action Plan, which outlines how the objectives will be achieved and actions necessary to fulfil the strategies. This part of the Plan also identifies the manner in which Council will assess its performance in relation to achieving its goals.

Part 3 is the Categorisation Mapping and Asset Information, which contains categorisation maps and provides asset information for all Community and Crown land.

The Plan of Management sets strategic directions and objectives for each category of land. The management issues and Action Plan are also linked to each category of land.

1.3 PROCESS FOR PREPARING THIS PLAN OF MANAGEMENT

The process for preparing this Plan of Management has included:

- Literature review of statutory planning documents and relevant environmental, open space, heritage and Aboriginal studies and reports;
- Consultation with key stakeholders and community members including representatives from government departments, Aboriginal groups and community groups;
- A Public Hearing into the proposed categorisation of the community land as required under the *Local Government Act* will be undertaken during the period of public exhibition of the plan; and
- Field investigations regarding environmental and recreational values by appropriately qualified consultants and Council staff.

2.0 MANAGEMENT CONTEXT

2.1 LAND COVERED BY THIS PLAN

The Plan applies to all community land within Planning District 6, in accordance with the *Local Government Act*. It also applies to Crown Land managed under the *Crown Lands Act* where this land is under the care, control and management of Council.

2.2 MANAGEMENT AUTHORITY, OWNERSHIP AND TENURE

The manager of the land covered by this plan is Hornsby Shire Council. The land is owned partly by Hornsby Shire Council and partly by the Crown; hence the provisions of the Local Government Act 1993 and the Crown Lands Act 1989 apply in the preparation of this plan of management.

2.3 RELATIONSHIP TO OTHER PLANS OF MANAGEMENT

A number of Plans of Management have been previously adopted by Council. Table 1 below outlines the plans, their date of adoption by Council and whether they are current or will be superseded by this generic plan of management.

PLAN NAME	ADOPTION DATE	CURRENT STATUS /
Arcadia Park, Arcadia	9 th May 2001	Current – will be superseded by Generic POM for District 6
Bar Island, Berowra Creek	10 th September 2003	Current
39 & 39A Brooklyn Rd, Brooklyn	March 1996	Was superseded by Generic POM 1996
Begonia Rd, Normanhurst	September 1995/ Generic 1996	Was superseded by Generic POM District 2
Carmen Crescent, Cherrybrook	February 1995/ Generic 1996	Was superseded by Generic POM District 8
Dence Park, Epping	9 th May 2001/ Generic 1996	Was superseded by Generic POM District 1
Edgeworth David Park, Hornsby	8 th May 2002	Was superseded by Generic POM District 3
Erlestoke Park, Castle Hill	8 th November 2000 /Generic 1996	Was superseded by Generic POM District 8
Fagan Park, Galston	27 th November 2003	Current
Galston Recreation Reserve & Oval	Generic 1996	Current
Generic POMs <ul style="list-style-type: none"> Sportsgrounds Parks and reserves Bushland 	May 1996 May 1996 November 1998	Will be superseded by Generic Plans of Management for Community Land and Crown Reserves for Districts 1-9.
Generic POMs <ul style="list-style-type: none"> District 1 District 2 District 3 & 9 District 4 District 8 	10 th November 2004 “ 14 th December 2005 “ 14 th December 2005	Current “ “ Draft Current
Greenway Park, Cherrybrook	9 th February 2002	Current
Hastings Park, Dural	11 th June 2003	Current
Hickory Place, Cherrybrook	February 1995/Generic 1996	Was superseded by Generic POM District 8
James Henty Park, Dural	November 2000	Was superseded by Generic POM District 8
Kenley Park, Normanhurst	Deferred Nov 2000	Was superseded by Generic POM District 2

Brickpit Park, Normanhurst	10 th November 2004	Current
Lillian Fraser Garden, Pennant Hills	November 2000	Current
Lyndon Way, Beecroft	May 1994/Generic 1996	Was superseded by Generic POM District 1
Neighbourhood Parks <ul style="list-style-type: none"> Roslyn Park, Cherrybrook Robert Road, Cherrybrook Yarrabin Cres, Berowra 	November 1995/Generic 1996	Roslyn and Robert Road Parks were superseded by Generic POM District 8 and Yarrabin will be superseded by Generic POM for District 5.
Orr Playground-Northumberland Ave, Mt Colah	March 96	Was superseded by Generic POM 1996 and will be superseded by Generic POM for District 4.
Pembroke Street, Epping	February 95 / Generic 1996	Was superseded by Generic POM District 1
Pennant Hills Park	Included in Generic POM for Sportsgrounds, Parks and Reserves and Bushland 1996	Significant area plan to be prepared
Ruddock Park, Westleigh	29 th October 2003	Was superseded by Generic POM District 2
Significant Areas – Bushland	November 2000	Current
Somerville Park, Eastwood	13 th February 2002	Was superseded by Generic POM District 1
Storey Park, Hornsby	8 th November 2000	Was superseded by Generic POM District 3
Swan Place, Pennant Hills	June 1996	Was superseded by Generic POM District 2
Unwin Park, Waitara	June 1995	Was superseded by Generic POM District 3
West Epping Park, Epping	November 2000	Was superseded by Generic POM District 1

Table 1: The relationship of this Plan of Management to existing plans adopted by Council

3.0 PLANNING CONTEXT

3.1 LOCAL GOVERNMENT ACT 1993

3.1.1 Classification and Categorisation

All Council land has been classified as 'community' or 'operational'. Community land in Hornsby Shire has been categorised in accordance with the guidelines in the *Local Government Amendment (Community Land Management) Regulation 1999* (6B-6JA). In accordance with Council policy to apply consistent management to community and Crown land, all Crown land under Council's care, control and management has also been categorised.

The Asset and Inventory in Part 3 of this Plan of Management includes the categorisation of the community and Crown lands under Council's care, control and management within Hornsby Shire.

The Local Government Act establishes core objectives for all categories of community land. Council must manage the community land in accordance with the core objectives of the relevant category of land. Council or community objectives comply with the core objectives established within the Act. The significance of the prescribed core objectives is to ensure that any activities or uses of the land are consistent with the core objectives for that category of land.

The core objectives for land categories applicable to this Plan of Management are contained in Section 7.

3.1.2 Community Land Comprising Habitat of Endangered or Threatened Species and requirements under the NSW Threatened Species Act (1995)

The Local Government Act requires that a plan of management for community land, all or part of which is declared to be critical habitat under the Threatened Species Conservation Act 1995, is to apply to that area only and not other areas of land. To date there are no declared critical habitats for any endangered species in the Hornsby Shire, however, a number of reserves contain Endangered Ecological Communities listed under Part 3 of Schedule 1 of the Threatened Species Conservation Act 1995. Where community land is directly affected by any recovery plan prepared under the Threatened Species Conservation Act 1995, it then requires measures specified in the plan to be taken by a specified council or in respect of the land, the plan of management for that land is to apply to that area only and not other areas of land. Therefore land that contains Endangered Ecological Communities has been included in a plan of management prepared for Significant Areas Bushland Plans of Management & Action Plans in 2000. The following reserves which occur in Planning District 6 and are also included in that plan are:

- Tekapo Road Reserve
- Tim Brownescombe Reserve
- Cairnes Road Reserve

Due to further field survey and additional listings, the following reserves will be added to an amended Significant Areas Bushland Plans of Management & Action Plans document yet to be prepared:

- Arcadia Park
- Calabash Creek Bushland
- Pumpkin Point Creek Bushland
- Short Street Bushland
- Forsters Reserve
- Galston Recreation Reserve
- Glenorie Park
- One Tree Reach Wetland

In addition Tekapo Rd Reserve will be removed from the Significant Areas Bushland Plans of Management & Action Plans when it is updated as the reserve was found not to contain Sydney Turpentine- Ironbark Forest.

All current and draft Recovery Plans (RP) and Threat Abatement Plans (TAP) have been reviewed in the preparation of this plan. The Draft Large Forest Owl Recovery Plan was reviewed as Powerful Owls have been recorded in Furber Park and Muraban Road Bushland however there are no specific actions for Council. Likewise, the *Darwinia biflora* Recovery Plan was reviewed as this Vulnerable Species was recorded at Bay Road Bushland, however this site is not included in the Recovery Plan and there are no specific actions for Council. The Threat Abatement Plan for Red Fox was reviewed as foxes occur on many Council managed reserves and whilst there are no specific actions listed for Council in the Recovery Plan, Council is actively involved in joint fox baiting programs with the National Parks and Wildlife Division of DEC as part of the Urban Feral Animal Action Group. This plan identifies fox control as an issue for areas categorised as bushland, identifies the fox control program as one of the land management goals for the Bushland and Biodiversity Team, identifies fox control as an action in areas categorised as bushland and identifies performance measures for the program.

3.2 CROWN LANDS ACT 1989

Crown Land under Council's care, control and management will be managed in accordance with section 11 of the Crown Lands Act 1989.

These principles are:

- “To observe environmental protection principles in relation to the management and administration of Crown land;
- To conserve wherever possible, the natural resources of Crown land (including water, soil, flora, fauna and scenic quality);
- To encourage appropriate public use and enjoyment of Crown land;
- To encourage multiple use of Crown land;
- To use and manage Crown land in such a way that both the land and its resources are sustained in perpetuity where appropriate;
- To deal with Crown land in the best interests of the State consistent with the above principles.”

Additionally, its uses, activities, developments and agreements must be broadly defined by the purposes of the reservation. The types of public purposes used for reserving Crown land under the Crown Lands Act 1989 broadly define the uses and activities permissible on Crown lands and are listed in Table 2.

No	Purpose and Date of Gazettal
	Gazetted 15.12.59
1	Access
2	Accommodation
3	Caravan Park
4	Community Purposes
5	Environmental Protection
6	Government Purposes
7	Heritage Purposes
8	Public Recreation
9	Public Recreation and Coastal Environmental Protection
10	Rural Services
11	Showground
12	Travelling Stock

13	Urban Services
14	Water
15	Dedicated – Public Park
16	Acquired – Future Public Requirements
	Gazetted 22.5.92
17	The Accommodation, Guidance, Education and Welfare of Homeless or Needy Young Persons
	Gazetted 2.9.94
18	Public Entertainment
19	Public Amusement
	Gazetted 24.3.95
20	Tourist Facilities and Services
21	Community and Sporting Club Facilities
22	Recreation Facilities and Services
23	Aquatic Sporting Services
	Gazetted 17.11.95
24	Port Services and Facilities
	Gazetted 27.3.98
25	Racecourse and Recreation Facilities

Table 2: Purposes for which Crown land may be used.

Case Law

In addition land uses on Crown lands are influenced by case law judgements. With respect to land reserved for Public Purposes case law requires that any use must be conducive and ancillary to the Reserve's public purpose. In order to change a reservation, a land assessment is required under the Crown Lands Act 1989. This can be waived if the new reserve purpose is considered to be consistent with the Principles of Land Management and it is in the public interest to do so.

Council as Trust Managers may lodge Development Applications for a proposed development on a Crown reserve without the need for the Crown (as owner) to endorse the application, provided a copy of the application is forwarded to the Crown within 14 days of lodgement. "Notwithstanding the above, substantial improvements / developments should not unreasonably alienate the reserve from public use, should be ancillary or incidental to the purpose of the reservation and be consistent with any recommendations of an approved Plan of Management under the Crown Lands Act, 1989."

Where the proponent is a lessee or licensee of the Trust, the consent of the Crown as owner of the land, will still be required prior to lodgement of a Development Application. Proponents are required to consider the following prior to lodgement of a development application:

- The existence of any unresolved land claims under the Aboriginal Land Rights Act, 1983;
- Commonwealth and State Native Title laws and regulations;
- Whether the proposed development is consistent with the reserve purpose; and
- Whether the proposal is consistent with the relevant adopted Plan of Management.

3.3 OTHER RELEVANT LEGISLATION

Council is required to comply with all relevant legislation that applies to the use and management of land. This Plan of Management is required to be consistent with the planning and assessment provisions of the *Environmental Planning and Assessment Act 1979* and the relevant sections of the following acts, policies and plans:

3.3.1 Commonwealth Legislation***Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)***

The EPBC Act relates to biodiversity conservation issues of national interest. It provides the framework for environmental assessment of projects having national importance, and the listing of nationally endangered species. The EPBC Act identifies several matters of national environmental significance, including

nationally threatened species and communities, migratory species, wetlands protected under the Ramsar Convention and world heritage areas. Development proposals require assessment and approval under the Act where they are assessed as being likely to have a significant impact on such matters.

Actions requiring approval under the EPBC Act do not include the preparation of plans, agreements or the issuing of approvals, but may include physical activities that follow from these. One specific implication of the EPBC Act for biodiversity planning is that impacts on threatened species must be assessed separately under both Commonwealth and State legislation using different criteria (Land & Environment Planning and Environs Australia 2001).

3.3.2 NSW Legislation

Environmental Planning and Assessment Act 1979

State Environmental Planning Policy No 19 -- Bushland in Urban Areas

- (1) Hornsby Shire is specifically named on Schedule 1 of State Environmental Planning Policy 19 – Bushland in Urban Areas, as being an area to which the SEPP applies. Hence this plan of management has been prepared to comply with the aims and objectives of SEPP 19.

The general aim of this Policy is to protect and preserve bushland within the urban areas referred to in Schedule 1 because of:

- (a) its value to the community as part of the natural heritage;
 - (b) its aesthetic value; and
 - (c) its value as a recreational, educational and scientific resource.
- (2) The specific aims of this policy are:
 - (a) to protect the remnants of plant communities which were once characteristic of land now within an urban area;
 - (b) to retain bushland in parcels of a size and configuration which will enable the existing plant and animal communities to survive in the long term;
 - (c) to protect rare and endangered flora and fauna species;
 - (d) to protect habitats for native flora and fauna;
 - (e) to protect wildlife corridors and vegetation links with other nearby bushland;
 - (f) to protect bushland as a natural stabiliser of the soil surface;
 - (g) to protect bushland for its scenic values, and to retain the unique visual identity of the landscape;
 - (h) to protect significant geological features;
 - (i) to protect existing landforms, such as natural drainage lines, watercourses and foreshores;
 - (j) to protect archaeological relics;
 - (k) to protect the recreational potential of bushland;
 - (l) to protect the educational potential of bushland;
 - (m) to maintain bushland in locations which are readily accessible to the community, and
 - (n) to promote the management of bushland in a manner which protects and enhances the quality of the bushland and facilitates public enjoyment of the bushland compatible with its conservation."

Noxious Weeds Act 1993

Under provisions of this Act, Council is responsible for the control of weeds on public land and land owned by Council. The Act provides for the identification, categorisation and control of noxious weeds.

Catchment Management Authorities Act 2003

The **Catchment Management Act 1989** was recently changed to the **Catchment Management Authorities Act 2003** which establishes catchment authorities to prepare and implement catchment action plans. Associated legislation is the **Natural Resources Commission Act 2003** which requires the establishment of state-wide environmental standards and targets.

Catchment Management Authorities (CMAs) have been appointed for all areas of NSW. Planning District 6 lies within the Hawkesbury-Nepean CMA area.

Catchment Blueprint

A blueprint was approved by Cabinet in 2002 for the Hawkesbury-Nepean Catchment. The Blueprint is State government policy, and sets the overarching natural resource priorities for the catchment. This District 6 Generic Plan is consistent with the Hawkesbury-Nepean Catchment Blueprint.

3.4 COUNCIL PLANS AND STRATEGIES

3.4.1 Hornsby Shire Council Strategic Plan 1998 – 2006

Council has developed a Strategic Plan for the period leading up to the Shire's Centenary in 2006. The aim of the Plan is to identify key directions for Council's programs, activities and resource allocations. These directions, with other information, will shape Council's future Management Plans and Operating Plans and Budgets.

Council's Vision Statement is:

“Creating a living environment” through:

- **Engaging the community in the future of the Shire** through education, two-way communication and open decision-making;
- **Protecting the natural environment** through Council policies and planning controls, total catchment management, integrated education and compliance, and an environmental management system;
- **Conserving resources** through a reduce-reuse-recycle approach, integrated environmental planning, and changing the internal work culture;
- **Facilitating increased social well being** through providing equitable access for all groups in the community to information, services and facilities; improved public health and safety in the Shire and equitable provision of sporting, recreational and cultural facilities;
- **Aligning service provision** to meet changing needs through an improved capacity to lead, predict and adapt to changing needs in the community; best value in Council services; and maximising benefits from the use of technology;
- **Integrating land use and transport planning** through use of more sustainable modes of transport such as public transport, walking, bicycles and alternative fuelled vehicles; establishment of effective partnerships in working towards shared goals with other agencies and community groups;
- **Facilitating a diverse local economy** through promoting the Shire's attributes as an employment centre, land-use planning controls, efficient transport solutions, meeting local needs locally and promoting Eco-tourism; and
- **Achieving financial sustainability** through increased financial capacity for expenditure on Council's strategic priorities and a strong financial position for Council.

3.4.2 Council Land Management Goals

From its current Principal Activity Service Plan 2003-2006, the purpose of Council's Environment Division is *'to develop and implement effective water and land management within appropriate industry and community standards and provide effective and efficient programs for: parks, leisure and recreation, landscape design, environmental health and protection, aquatic ecosystem management, bushland management, sustainable land management, property cleansing / maintenance and fire mitigation in the Shire.'* (HSC 2003).

The Parks and Landscape Team's ongoing objectives are:

- Provide for the planning, administration, asset management and maintenance of the Shire's parks, sportsgrounds, playgrounds and treescape on streets;
- Implement Plans of Management for crown /community land;
- Provide ranger patrols of parks;
- Respond efficiently to applications to prune or remove trees on private and public land;
- Assess the impacts on trees of development proposals;
- Promote good tree management and retention of healthy trees;
- Achieve tree planting and other streetscape beautification projects as funding allows;
- Move further towards sustainable asset management;
- Support the Hornsby Shire Sports Council; and
- Lodge applications for grant funding for parks development.

The Bushland and Biodiversity Management Team's ongoing objectives are:

- Implement plans of management for natural areas;
- Contract bush regeneration;
- Undertake noxious weed control in bushland;
- Maintain bushwalking tracks;
- Undertake guided walks program;
- Bushland management and biodiversity conservation planning;
- Perform environmental assessments of development applications;
- Integrated bushland/ bushfire management;
- Support Bushcare program/ Bushcare Code;
- Joint management of Berowra Valley Regional Park and Trust;
- Support Council and community committees;
- Assist Works Division with Rural Roads Plan of Management;
- Fox Control Programme;
- Manage the Service Level Agreement between the Rural Fire Service and Council; and
- Manage ISO 9002 and ISO 14001 accreditation.

3.4.3 Leisure Strategic Plan

A comprehensive review of Council's leisure facilities was recently completed in May 2003 with a Stage 2 Report on Demand, Supply and Service Gap Analysis and Stage 3 Report on Recommended Strategies and Action Plans. The Plan included a review of the leisure resources within Hornsby Shire including parks, sportsgrounds, community facilities, aquatic centres and other Council facilities.

The Plan identified the following key service needs:

- Additional sports grounds – particularly for cricket and senior soccer;
- Purpose built facilities for equestrian groups;
- Various upgrading requirements at many parks and sports grounds;
- Improved communication between Council and sports groups and between different sports groups;

- Additional passive parks in some areas;
- Expansion, improvement or disposal of many low value small parks;
- More safe cycling and walking routes;
- A greater diversity of play spaces/ facilities;
- More youth-specific leisure facilities;
- More activity options for older adults;
- More and/ or better distributed leisure information;
- More access to/ interpretation of natural areas;
- New and upgraded indoor sports courts;
- upgraded and modernised aquatic centres;
- Additional meeting places in some districts;
- Upgrading of some community centres;
- Improved programming of community centres and senior's centres;
- Improved access to a range of facilities for aged and disabled people;
- Community cultural development initiatives, improved spaces for performing and visual arts; and
- Additional library materials and floor space.

This Plan of Management for Community Land and Crown Reserves has been reviewed in light of the completion of the Leisure Strategic Plan.

3.4.4 Sports Facility Strategy

To expand upon the LSP council has formulated a Sports Facility Strategy adopted in April 2006. The SFS was aimed at identifying at a higher resolution than the LSP, the adequacy of the condition and distribution of outdoor sporting facilities to meet current and future needs.

It confirmed the finding of the LSP that sports that had unmet facility needs were principally soccer, cricket and netball, but also some other sports such as softball, equestrian sports, skate facilities and BMX facilities.

For District 6, the key actions, directions and policies arising from the SFS are:

- Upgrade the playing surface at Dural Park (completed September 2006);
- Move softball from Dural Park to Hayes Park, Galston (completed in September 2006);
- Develop a Rural Sports Facility at 18-20 Bayfield Road, Galston (expected to commence construction in 2007);
- Consult with schools to develop sportsground facilities at the schools for community use (Galston High School listed – negotiations not yet commenced); and
- Consider skate and BMX facilities in Galston (Galston Recreation Reserve under consideration).

In addition, during June-October 2006, Arcadia Oval was regraded in order to improve ground surface conditions suitable for soccer.

3.4.5 Biodiversity Conservation Strategy

Council adopted the Biodiversity Conservation Strategy in August 2004 to provide direction for Council and the community on conserving Hornsby Shires unique biodiversity. One of the key findings of the strategy is that the open space system inadequately conserves many of the Shire's vegetation communities including Endangered Ecological Communities in the Hornsby Shire, especially Blue Gum High Forest and Sydney Turpentine Ironbark Forest. Subsequently, a key objective of the strategy is the net improvement of indigenous vegetation in Hornsby Shire.

To achieve this objective, the strategy includes actions for achieving biodiversity conservation outcomes on Community Land and Crown Reserves. All of the generic

Plans of Management for Community Land and Crown Reserves will reflect these objectives and actions to manage natural areas for conservation.

3.4.6 Catchment Remediation Strategic Plan

As part of the continuing strategy to reduce stormwater pollution in the Shire's waterways, Hornsby Shire Council has developed a catchment remediation Strategic Plan and corresponding budget for water remediation Shire-wide. The strategy serves as a framework for expenditure for funds raised under the Catchment Remediation Rate (CRR) and identifies specific water quality improvements, asset maintenance and lifecycle costing. Installation of water quality devices occur on an ongoing basis and are monitored, maintained by contractors and reported under the CRR program.

3.4.7 Catchment Management for Sports turf Areas

The Hawkesbury Nepean Catchment Management Trust (now disbanded) developed various best management practices for sports turf areas which are applicable in the Hornsby Shire. Appendix 2 contains an information leaflet developed by the Hawkesbury Nepean Catchment Management Trust for best management practices of sports turf areas. Implementation of best management practices is of particular importance where sports fields adjoin bushland and waterway areas. The aims are to promote the sustainable use of water and nutrient application to sports turf areas.

3.4.8 Water Management Plan and Water Cycle Management Strategy

Council adopted the HSC Water Management Plan and Water Conservation Policy in December 2004. This policy applies to all Council assets and practices. One of the findings from this work was that Aquatic Centres, Parks and Reserves and Public Buildings are the largest users of water. This plan targets a 20% reduction in water uses within these areas as well as increasing Council's reuse of water within its management practices. These objectives and the implementation of water saving practices are applicable to all Council Community land and Crown reserves.

The Sustainable Water Cycle Management Strategy was adopted by Council November 2005. Some of the high priority actions include water reuse and sewer harvesting.

3.4.9 Tree Management Plan

In 1999 Council adopted the following vision statement in regards to the management of vegetation in Hornsby Shire:

'To ensure sustainable conservation and management of locally native and culturally significant vegetation across Hornsby Shire whilst accommodating a diverse range of compatible community activities.'

The Tree Management Plan includes a Tree Management Policy, Tree Preservation Order, a Street Tree Management Plan, and a Significant Tree Register and seeks to clarify existing legislation relevant to tree management in public and private land.

Guidelines established in the Tree Management Plan will be applied to management of trees on community land within Hornsby Shire. In 2000 Council amended the Tree Management Plan to expand the list of exempt species including a number of noxious and environmental weeds.

Tree Management Practices are currently under review with a Discussion Paper titled Changes to Tree Management Practices being released in 2003.

3.4.10 Hornsby Open Space Plan

The Hornsby Open Space Plan was prepared in 1997 and provided an overview of open space quality both generally and within the Planning Districts:

- *Generally, open space is well distributed with some more isolated residential areas being less well served with local open space. Residents in these areas however, may be compensated by the large areas of surrounding bushland, which can provide alternative and appropriate settings for informal recreation such as bushwalking or relaxation. These natural areas generally rated low, except when they were combined with sportsgrounds and parks. However, these areas provide intrinsic qualities, which are of value to the community regardless of the level of development of structures or facilities;*
- *Small open space areas, specifically, small parks, are generally low in quality;*
- *Most sportsgrounds in the Shire also incorporate natural areas and parks;*
- *Sportsgrounds are generally high in quality, with a small proportion in the north of the Shire rating medium;*
- *Natural areas occupy a significant part of the physical area of open space land;*
- *The local government area includes large areas of national park which are not owned or managed by Hornsby Council;*
- *The quality and number of open space areas were significantly lower in the northern areas of the Shire, when compared to the amount and quality of open space in the south. This may accurately reflect population distribution; and*
- *Upgrading quality, particularly useability attributes of open space with low quality ratings, may assist council in meeting current and future recreation demand.*
-

3.4.11 Council's Bushland Restoration Strategy

With the large amount of natural areas within the Shire and the limited resources available, Council has developed the following criteria to assist in prioritising bushland regeneration and restoration works:

- Conservation of core bushland areas which are the largest, the least disturbed and zoned appropriately for their protection;
- Protection / restoration of bushland areas considered to be of high conservation significance and of national, state, regional and local significance, including threatened species, endangered populations or endangered ecological communities;
- Conservation of fauna habitat especially where there is core bushland and bushland corridors;
- Eradication of serious noxious weeds required to be controlled under the Noxious Weeds Act (1993);
- Bush regeneration on a catchment basis so as to address areas at the headwaters of the catchment and drainage lines that are likely to be a source for further weed invasion; and
- Bush regeneration in areas with active community Bushcare involvement.

3.4.12 Management of Community Centres / Council Owned Community Facilities

Council's Management Plan in its program "People Services" has set a management goal 'to manage and administer the provision of community facilities through Community halls and centres in the Shire'.

Council is committed to providing fair and equitable access to its community facilities and in promoting partnership agreements between Council and community groups for the best possible use of community facilities. Council is also committed to providing a fair and equitable process for community groups to have access to available Council owned facilities for their lease or licence. It does so in order to effectively and equitably utilise the facilities so that they return optimum benefits to Council and the community and that they meet social and community needs identified through Council's planning process.

In exercising its authority under Section 377 of the Local Government Act, Council has delegated its responsibility for the care, control and management of community centres to various management committees through Deeds of Agreement.

Agreements include the objective that Council intends that halls 'be made available for the recreation and enjoyment of members of the public'. It also provides that Associations shall have care and control of halls and shall manage them on behalf of Council; and shall manage halls in close co-operation with Council as a place for the recreation, enjoyment and welfare of the public.

3.4.13 Council's Facility Management Policies

Council has acknowledged its role in facility management in a document entitled 'Operations Manual for Hall Committees'. Council's role in facility management is defined in the following terms:

- The dispersal of communities within the Shire over 25 suburbs and many rural and river settlements, calls for the provision of facilities for community use;
- Community groups require localised facilities for social, educational, cultural and recreational purposes, and a Community Centre is an effective response to these needs;
- Size, scope and facilities of each centre differ according to the variety and magnitude of local needs;
- Council has delegated the management of most of its Community Centres to publicly elected Committees appointed under Section 377 of the Local Government Act; and
- Management of community facilities by representatives of user groups and local residents ensure that services provided by the facility conforms by and large to user requirements and to the needs of the local community.

3.4.14 Management Criteria

The following policies may be applied as a basis for management of Community Centres:

- Centres are available for use by the community at acceptable standards;
- Centres are available for use by all sections of the community, and no person or group will be denied access, excepting those engaging in activities that are deemed illegal or counter to the welfare of the community;
- Fees charged for users of Centres are fair and reasonable;
- Centres are maintained at safety standards prescribed by law; and
- Management of Centres shall not be done on a profit-making basis.

3.4.15 Expressions of Interest (EOI)

The EOI process applies to leasing or licensing of community facilities that have become available where it is determined they be used for meeting a community need. Community facilities identified in this process are to be targeted to not for profit, community organisations.

Community organisations offering expressions of interest must demonstrate to Council that they:

- Are incorporated and have current Public Liability Insurance that satisfies the requirements of Council's Risk and Insurance Manager;
- Have in place effective management and financial systems;
- Are meeting a social and community need consistent with Council's planning processes (including Council's Social Plan 2000-2005);
- Are able to supply a copy of their latest audited statement and annual report; and
- Have links with the local community by identifying a consultation process, any current partnerships or collaborative arrangements and funding sources.

Allocation of the community facility to community groups will be based on a process of consultation and assessment against criteria identified. An integral part of Council's decision making process in assessing applications is that organisations:

- Demonstrate that they are meeting a clearly defined need;
- Demonstrate their consultative links to the community; and
- Demonstrate their ability to run a quality service based on sound operational and financial management.

Leases and licences granted must be permissible within the zoning table as set out in the Hornsby Shire LEP (1994) and must comply with the core objectives of the Local Government Act (NSW) 1993. Council must manage the community land in accordance with the core objectives of the relevant category of land.

In addition, any use of the facility would be subject to prior development consent from Council. Accordingly it would be expected that organisations successful in securing a premises obtain the necessary approvals.

Organisations successful in securing premises will enter into a licensing or lease arrangement with Council. Council's policies (CSISAS 12 – Delegation of Authority to Grant Lease / Licence Agreements, CSISAS 13 - Use of Council Buildings by Kindergartens and CSISAS 14 - Lease/Licence of Council Land) are applicable to community organisations entering into a formal lease or licence.

3.4.16 Hornsby Shire Council Social Plan 2000 – 2005

The Social Plan was adopted by Council in February 2000. The overall function of the Social Plan is to set parameters and priorities with regard to key social issues and needs in Hornsby Shire based on available information and discussions with the local community. It is designed to assist in planning for future services and facilities as well as looking at community life in Hornsby.

The Plan has been developed following active discussion between Council, community service providers and community members about social issues, needs and how they may be addressed.

The Plan is annually reviewed, with a major review planned for 2004 to be presented to Council and the community

3.4.17 Hornsby Shire Heritage Study

A comprehensive study of the environmental heritage of Hornsby Shire was prepared in 1993. The study involved preparation of a brief history of the Shire and a comprehensive field survey and analysis. The study included a strategy for the conservation of Hornsby Shire's valuable heritage and a comprehensive inventory of heritage items. The study resulted in heritage provisions being included in the Hornsby Shire Local Environment Plan (LEP), 1994. These provisions enable the effective management of the heritage resources of Hornsby. The LEP includes individually listed heritage items (buildings, gardens, trees, structures and archaeological sites) and heritage conservation areas (areas of collective historic importance and character) that were identified in the Heritage Study.

A Heritage Development Control Plan (DCP) has also been developed and applies to heritage items, heritage conservation areas and lands in the vicinity of heritage items and heritage conservation areas as identified under the Hornsby LEP. The purpose of the DCP is to provide guidance and outline specific controls for development relating to heritage items and heritage conservation areas.

Where development is proposed for community land identified as having historical significance, applications and work will be implemented in accordance with the requirements of the Hornsby Shire Heritage Development Control Plan 1995.

3.4.18 Aboriginal Heritage Study

An Aboriginal Heritage Study was commissioned in 1996 to undertake a survey and provide management recommendations for aboriginal sites within the Shire. The main

priority for the management of all Aboriginal sites that occur on community land is their preservation in consultation with the Aboriginal community.

All sites within natural areas will be managed for the conservation and protection of Aboriginal cultural heritage. The National Parks and Wildlife Service is the state government authority responsible for the protection and conservation of objects, places or features of significance to Aboriginal people. The Metropolitan Local Aboriginal Land Council (established under the Aboriginal Land Rights Act, 1983 for the acquisition of land for the provision of land rights) envisages its role as the custodian of all sites and places in the metropolitan area and to protect and preserve Aboriginal Heritage. Council land managers will liaise with the Land Council and the NSW National Parks and Wildlife Service (Aboriginal Heritage Officer) on any proposed protection works or any new sites that are discovered on land managed by Council.

3.4.19 State of Environment Reporting

State of the Environment Reporting is a key mechanism for assessing progress towards sustainability and is a record of the Shire's environmental quality. It includes reports on the sectors of air, land, water, biodiversity, waste, noise, Aboriginal heritage, non-Aboriginal heritage and includes social indicators. The twelve highest priority environmental issues identified each year are to be addressed in the following Corporate Management Plan.

4.0 DESCRIPTION OF THE LAND

Planning District 6 includes the suburbs of Arcadia, Berrilee, Berowra Creek, Canoelands, Dural, Fiddletown, Forest Glen, Galston, Glenhaven, Glenorie, Laughtondale, Maroota, Middle Dural, Singletons Mill and Wisemans Ferry. *Hassell (1997)* described the distribution and the quality of the open space within Planning District 6 as:

"Planning District 6 is the largest in terms of area of all planning districts in Hornsby Shire. It includes Glenhaven, Dural, Middle Dural, Galston, Arcadia, Glenorie, Berrilee, Forest Glen, Canoelands and Wisemans Ferry, extending to the far north west boundary of the Local Government Area. Again, like prior districts, large parts of this area, in the centre and north west, are occupied by national park, being the Marramarra National Park. Distribution of open space is erratic, with a concentration in the more populated/ developed areas to the south of the district. The more rural areas of the district in the north and north west show an extreme lack of open space resources, however there is greater access from these areas to national parks.

Specifically, there are three areas of high quality open space – a natural area in Berowra Waters Westside Park, a park/ reserve being Fagan Park, Arcadia and a sportsground/ park/ natural area at Galston Park and Galston Nature Reserve. Each of these open spaces is located to the south of Planning District 6.

There is a high number of natural areas, however these are mostly low in quality. There are few single function parks, with most open spaces mixed in purpose. The key issue for Planning District 6 appears to be the distribution, given the significant lack of resources in the far north and north western parts of the district."

4.1 CATCHMENT CONTEXT

The whole of Planning District 6 lies within the catchment of the Hawkesbury River.

4.2 TOPOGRAPHY, GEOLOGY AND SOILS

In District 6, the geology is divided between the Shire's predominant geological formation, Hawkesbury Sandstone, in the majority of the district, and overlying Wianamatta Shales on the ridge lines along Old Northern Road. Typically, Hawkesbury Sandstone gives rise to shallow, coarse soils of low-moderate fertility,

while Wianamatta Shales give rise to slightly higher fertility clay soils. Mittagong Formation of sandstone and siltstone occurs above Hawkesbury Sandstone and Wianamatta Shale at Glenorie and Fiddletown. At Canoelands Hawkesbury sandstone shale occurs. Several Jurassic volcanic diatremes are present at Fiddletown and Dural. Tertiary sands occur at Maroota. Near the Hawkesbury River Narrabeen Group of shales are present and in creek beds Quaternary Alluvium of sand, mud and silt occurs.

4.3 NATIVE VEGETATION

The Hornsby Shire has a particularly high diversity of native plant species when compared to other local government areas, with in the order of 1000 species (Fallding et al, 1994) and a total of 26 threatened plant species occurring (Hornsby Shire Biodiversity Conservation Strategy, 2004).

Apart from the area of Berowra Valley Regional Park and Marramarra National Park there are large areas of native vegetation on deeply dissected sandstone in the district remains uncleared. Historically, the flatter and relatively fertile ridge top Wianamatta Shales supported Turpentine Ironbark Forest which has been cleared for roads and farming. In District 6 sand rich deposits have been cleared for sand extraction. District 6 contains some very significant native vegetation within public reserves.

Plant species, populations and ecological communities of conservation significance within the study District 6

• Communities

- | | |
|--------------------------|---------------------------------------|
| ○ Critically endangered | Sydney Turpentine-Ironbark Forest |
| | Blue Gum High Forest |
| ○ Endangered | Swamp Oak Floodplain Forest, |
| | Coastal Saltmarsh |
| | Swamp Mahogany Forest |
| | Floodplain Paperbark Scrub |
| | Floodplain Reedland |
| ○ Regionally significant | Narrow-leaved Apple Slopes Forest |
| | Coachwood Rainforest |
| | Grey Myrtle Rainforest |
| | Rough-barked Apple –Forest Oak Forest |
| ○ Locally significant | Mangrove Swamp |
| | Blackbutt Gully Forest |

• Species

<i>Callistemon linearifolius</i>	<i>Vulnerable</i>
<i>Darwinia biflora</i>	<i>Vulnerable</i>
<i>Grevillea parviflora subsp. supplicans</i>	<i>Endangered</i>
<i>Lasiopetalum joyceae</i>	<i>Vulnerable</i>
<i>Melaleuca deanei</i>	<i>Vulnerable</i>
<i>Olearia cordata</i>	<i>Vulnerable</i>
<i>Persoonia mollis subsp. maxima</i>	<i>Endangered</i>
<i>Tetratheca glandulosa</i>	<i>Vulnerable</i>

4.4 FAUNA AND HABITAT

The Hornsby Shire provides habitat for a diverse range of fauna species, with a total of 388 native terrestrial vertebrate animal species occurring, or likely to occur in the Shire. This includes 29 frogs, 51 reptiles, 55 mammals and 253 birds. In addition, 18 introduced fauna species have been recorded (Fallding et al, 1994). Large bushland areas exist in District 6 within the Shire except for fragmentation by roads, rural and

urban development in the south-western part of the District. Up to 42 endangered or threatened fauna species may occur within the Hornsby Shire, these comprising 10% of total native terrestrial vertebrate species. These endangered or threatened species are reliant on the remaining bushland within and surrounding the Shire for their continued existence (Fallding et al, 1994, Hornsby Shire Biodiversity Conservation Strategy, 2004).

Fauna species and populations of conservation significance within District 6 reserves

- **Species**

Glossy Black-cockatoo	Vulnerable
Koala	Vulnerable
Masked Owl	Vulnerable
Powerful Owl	Vulnerable
Red-crowned Toadlet	Vulnerable

4.5 ABORIGINAL CULTURAL HERITAGE

The Aboriginal language group of the area was the Darug people and within the district known Aboriginal heritage items such as engravings, drawings, axe grinding grooves, scatters and middens exist.

There are bushland areas in District 6 with known Aboriginal relics:

- Bloodwood Road Aboriginal Area; and
- Bar Island.

4.6 EUROPEAN CULTURAL HERITAGE

Items of heritage significance

There are 5 parks and reserves with items of heritage significance listed in the Hornsby LEP in Planning District 6:

- | | |
|--|-------------------|
| • Fagan Park Group including Netherby, farm buildings, packing shed, brick kiln, clay pit and bushland | Regional |
| • Galston Branch Library – former church | Regional |
| • Galston Park & Memorial | Local |
| • Bar Island Cemetery, Church ruins & Memorial | State (nominated) |
| • Wisemans Ferry Cemetery | State |

5.0 VALUE STATEMENT

The Hornsby Shire Recreation Needs Study 1991 and telephone survey of 200 residents have identified a number of environmental, recreational and social values of open space in Hornsby Shire.

5.1 VALUES OF ALL CATEGORIES OF LAND

Open space, whether it be bushland, sportsgrounds, neighbourhood parks or other, plays a range of roles in the Shire and is valued in different ways by the community.

Environmental, recreational and social values of open space in Hornsby Shire include:

- Scenic amenity;
- Catchment protection;
- Biodiversity conservation;
- Recreation;
- Environmental education;
- Cultural heritage conservation; and
- Community purposes including participation in open space management.

5.2 VALUES OF PARKS AND SPORTSGROUNDS

- Exercise/ sport including organised sport, walking, cycling etc;
- Relaxation;
- Somewhere for children to play;
- Open space;
- For family recreation;
- Aesthetics;
- The large number and type of parks;
- Clean and well maintained nature;
- Small neighbourhood parks;
- Knowing that they are there;
- Trees and shade; and
- For dog walking.

5.3 VALUES OF NATURAL AREAS

- The natural bushland and wildlife;
- Aesthetics;
- Bushland is a large contributing factor to landscape character;
- Bushland is a repository for natural heritage;
- Bushwalking;
- Bird watching; and
- Protection of soils and waterways in the catchment.

5.4 VALUES OF GENERAL COMMUNITY USE AND AREAS OF CULTURAL SIGNIFICANCE

- A social meeting place;
- They are free.
- Involvement in open space management and community activities;
- Items of European cultural heritage;
- Sites of Aboriginal archaeological or anthropological significance;
- Knowing that they are there;
- Safety;
- Solitude; and
- Relaxation.

6.0 STATEMENT OF SIGNIFICANCE

Council's open space areas are significant because:

- They have important natural values;
- They feature items of cultural heritage significance including European heritage, street trees, bushland, church buildings, monuments and memorials;
- They provide an educational resources including community centres , a variety of garden and park styles and natural systems;
- They provide important visual quality featuring bushland and creekline landscape elements, distinct park character zones and garden space; and
- They provide recreation and leisure features providing for informal picnic and BBQ, informal recreation and sporting activities, and venues for events.

Council's natural areas are significant because:

- They provide a 'green space' in the built environment, contributing to the landscape quality and scenic amenity of urban areas;
- They provide important habitat for native plants and animals which would otherwise become locally or regionally extinct;
- They provide a corridor for the movement of migratory and nomadic animals, particularly birds, through the urban area;
- They are important for scientific studies, providing a record of the original landscape and vegetation and the changes wrought by urban development;
- They are an important educational resource, and often the first point of contact with nature for many urban residents;
- They provide nearby schools and other educational institutions with natural areas which can be visited and where it is feasible to carry out studies requiring repeat investigations;
- They enable urban residents to undertake recreational pursuits in a bushland setting.
- In addition to these general features, reserves in Planning District 6 are significant because they:
 - Conserve 2 vegetation communities that are critically endangered in Australia under the EPBC Act 1999, 7 vegetation communities that are endangered in NSW under the TSC Act 1995, 4 regionally significant vegetation communities in the Sydney Region and 2 vegetation communities that are locally significant in the Hornsby area;
 - Conserve 2 endangered and 6 vulnerable plant species;
 - Conserve 5 vulnerable species of fauna;
 - Contain 2 reserves with known Aboriginal sites; and
 - Contain 5 reserves with European cultural heritage.

7.0 BASIS FOR MANAGEMENT

7.1 CORE OBJECTIVES UNDER THE LOCAL GOVERNMENT ACT 1993

7.1.1 Core Objectives for Sportsgrounds

The core objectives 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.”*

7.1.2 Core Objectives for Parks

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, and*
- b) *To provide for passive recreational activities or pastimes and 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.”*

7.1.3 Core Objectives for Areas of Cultural Significance

The core objectives for community land categorised as an area of cultural significance are:

- 1) *“The core objectives for management of community land categorised as area of cultural significance are to retain and enhance the cultural significance of the area (namely its Aboriginal, aesthetic, archaeological, historical, technical or research or social significance) for past, present and future generations by the active use of conservation methods.*
- 2) *Those conservation methods may include any or all of the following methods:*
 - a) *The continuous protective care and maintenance of the physical material of the land or of the context and setting of the area of cultural significance;*
 - b) *The restoration of the land, that is, the returning of the existing physical material of the land to a known earlier state by removing accretions or by reassembling existing components without the introduction of new material;*
 - c) *The reconstruction of the land, that is, the returning of the land as nearly as possible to a known earlier state;*
 - d) *The adaptive reuse of the land, that is, the enhancement or reinforcement of the cultural significance of the land by the introduction of sympathetic alterations or additions to allow compatible uses (that is, uses that involve no changes to the cultural significance of the physical material of the area, or uses that involve changes that are substantially reversible or changes that require a minimum impact);*

- e) *The preservation of the land, that is, the maintenance of the physical material of the land in its existing state and the retardation of deterioration of the land.*
- 3) *A reference in subsection (2) to land includes a reference to any buildings erected on the land.”*

7.1.4 Core Objectives for Areas of General Community Use

The core objectives 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).”*

7.1.5 Core Objectives for Natural Areas

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.”*

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

- a) *“To ensure the ongoing ecological viability of the land by protecting the ecological bio-diversity 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;*
- b) *To protect the aesthetic, heritage, recreational, educational and scientific values of the land;*
- 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*

- d) *enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbance caused by human intrusion;*
- e) *To restore degraded bushland;*
- f) *To protect existing landforms such as natural drainage lines, watercourses and foreshores;*
- g) *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*
- h) *To protect bushland as a natural stabiliser of the soil surface.”*

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

- a) *“To protect the biodiversity and ecological values of wetlands, with particular reference to their hydrological environment (including water quality and water flow), and to the flora, fauna and habitat values of the wetlands, and*
- b) *To restore and regenerate degraded wetlands, and*
- c) *To facilitate community education in relation to wetlands, and the community use of wetlands, without compromising the ecological values of the wetlands.”*

The core objectives for management for community land categorised as escarpment are:

- a) *“To protect any important geological, geomorphological or scenic features of the escarpment, and*
- b) *To facilitate safe community use and enjoyment of the escarpment.”*

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.”*

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

- a) *To maintain the foreshore as a transition area between the aquatic and the terrestrial environment, and to protect and enhance all functions associated with the foreshore’s role as a transition area, and*
- b) *To facilitate the ecologically sustainable use of the foreshore, and to mitigate impact on the foreshore by community use.”*

7.2 MANAGEMENT OBJECTIVES FOR THE HORNSBY SHIRE

7.2.1 Aims and Objectives for all Categories of Land in the Hornsby Shire

The aims and objectives for all categories of land in the Hornsby Shire are:

- To protect and restore the natural environment and ecosystem functions, particularly bushland, waterways, biodiversity, habitat features and corridors;
- To protect the scenic quality, natural landscape character and aesthetic values of the open space;
- To protect, conserve, enhance and where appropriate restore cultural Aboriginal and European heritage;
- To enhance community understanding and appreciation of Hornsby's natural and cultural heritage through interpretation and other appropriate facilities and activities;
- To promote sustainable management and development of open space;
- To reduce fertiliser usage and application rates on sports turf;
- To remove nutrients before they escape to adjacent water bodies through the use of best management practices e.g. rough areas, contour drains, sediment ponds;
- To minimise the irrigation requirements through appropriate turf selection, use of indigenous landscapes and irrigation based on daily climatic conditions;
- To provide facilities for both passive and active recreation in consideration of the needs of the current and future community, user groups and locality characteristics at an appropriate level that will minimise any impacts;
- To provide ancillary facilities to enhance the community use of the land;
- To ensure open space and recreational facilities are distributed appropriately and with consideration to equity of access;
- For park management to respond to opportunities and constraints to improve the quality of open space;
- To seek an increase in the use of open space through a variety of activities, multi-use where appropriate and design flexibility;
- To encourage community involvement in the use and management of Council's open space through community volunteer and other programs;
- To provide opportunities for the involvement of indigenous and NESB communities in management of Council's open space; and
- To provide integrated walking and cycle track links within the open space system where appropriate, connecting to public transport, footpaths and other networks.

7.2.2 Aims and Objectives for Bushland in the Hornsby Shire

In addition to the above core objectives as set out in Section 36E of the Local Government Act (1993), the following specific aims have been developed for bushland management in the Hornsby Shire.

General aim

- To conserve Hornsby Shire's bushland for public recreation and education whilst protecting its natural, cultural and aesthetic values. Bushland management will be undertaken on a total catchment basis with a regional perspective.

Specific aims

- Protect, conserve, enhance, restore and regenerate the Shire's unique natural flora and fauna;
- Protect, conserve and restore biodiversity within the Shire including threatened animal and plant species, endangered populations and endangered ecological communities;
- Ameliorate threatening processes such as pollution from urban runoff and stormwater, weed invasion, dieback, inappropriate fire and feral animals;
- Preserve our natural and cultural heritage including Aboriginal sites and historic features;
- Protect, conserve and enhance the aesthetic and scenic qualities of the bushland environment;
- Provide the community with well maintained bushland for low impact recreational activities consistent with conservation of the bushland;
- Promote community and neighbour participation in bushland management;
- Provide opportunity for low impact scientific and educational inquiry into the bushland environment consistent with other objectives; and
- Manage and protect bushland on a total catchment basis with particular attention to the urban interface.

7.2.3 Aims For Significant Areas comprising Endangered Ecological Communities in the Hornsby Shire

The *Threatened Biota Conservation Plan* adopted by Council, outlines management recommendations for threatened species, populations and ecological communities occurring within the Shire. Recommendations for the following Endangered Ecological Communities are relevant to the Plans of Management contained within this document.

Blue Gum High Forest:

Publicly owned remnants must be conserved as fully as possible and linked to other remnants. Wherever feasible, remnants should be conserved and enhanced:

- Cease mowing parks where there is opportunity to rehabilitate this endangered community;
- Undertake professional bush regeneration works in sites affected by weed invasion;
- Curtail excessive recreational use in areas that could be rehabilitated;
- Prevent further substantial losses of this community;
- Map this community on private land and apply protective zoning; and

- Undertake a project to link remnants using appropriate species to be planted along road reserves, other open space and in gardens.

Sydney Turpentine-Ironbark Forest

Wherever feasible, remnants should be conserved and enhanced through long-term protection involving expansion and linking of remnants:

- Cease mowing in parks where there is opportunity to rehabilitate this endangered community;
- Undertake professional bush regeneration works in sites affected by weed invasion;
- Curtail excessive recreational use in areas that could be rehabilitated;
- Prevent further substantial losses of this community;
- Map this community on private land and apply protective zoning; and
- Undertake a project to link remnants using appropriate species to be planted along road reserves, other open space and in gardens.

8.0 MANAGEMENT ISSUES

8.1 MANAGEMENT ISSUES FOR NATURAL AREAS

The management issues for nature areas are:

- Loss of vegetation to urban development;
- Bushfire management especially too frequent and/or too cool fires;
- Land clearing;
- Weed invasion by Small-leaved Privet, Large-leaved Privet, Wandering Jew, Lantana, Pampas Grass, Turkey Rhubarb, Cats Claw Creeper, Morning Glory, Madeira Vine, Genista;
- Expansion pressure on bushland versus urban development;
- Stormwater pollution due to urban runoff;
- Altered drainage;
- Sedimentation, erosion;
- Rubbish dumping;
- Encroachments;
- Predation by cats and foxes;
- Impacts of rabbits;
- Loss of urban trees with hollows;
- Mowing in parks;
- Illegal trail and bmx bike riding;

- Loss of pollinators due to European Honeybee;
- Isolation of populations of flora and fauna;
- Unauthorised creation and use of tracks; and
- Lack of track interpretation.

8.2 MANAGEMENT ISSUES FOR PARKS AND SPORTSGROUNDS

Management issues for parks and sportsgrounds are:

- Need for quality parks and sportsgrounds for the varied needs of its present and future population;
- Need to evaluate underutilised land or facilities for possible disposal for provision of new facilities;
- Pressure on larger sites to provide for varied recreation needs;
- Provision of facilities for a range of ages and abilities and both genders;
- Achieving cost effective provision of facilities;
- Achieving good community partnerships in park and sportsground management;
- Level of maintenance and asset management for park assets;
- Provision of shade;
- Provision close to residential areas;
- Safety of equipment where provided;
- Vandalism and anti-social behaviour;
- Pedestrian and disabled/ stroller access;
- Rubbish / litter;
- Fencing;
- Toilet facilities;
- Dog control;
- Lack of facilities including sports grounds, equestrian, indoor sports courts, leash free dog runs; and
- Need for upgraded aquatic centres.

8.3 MANAGEMENT ISSUES FOR AREAS OF GENERAL COMMUNITY USE

The management issues for areas of general community use are:

- Level of maintenance;
- Provision for activities for different age groups;
- Lack of youth-specific leisure facilities;

- Lack of activity facilities for older adults;
- Need for upgrading of community centres;
- Lack of access to a range of facilities for aged and disabled people; and
- Lack of spaces for performing and visual arts;

8.4 MANAGEMENT ISSUES FOR AREAS OF CULTURAL SIGNIFICANCE

The management issues for areas of cultural significance are:

- Deterioration of heritage items or structures;
- Effective liaison with indigenous and NESB communities; and
- Lack of funding for maintenance or restoration of heritage items or structures.

9.0 WHAT DEVELOPMENT IS ALLOWABLE UNDER THE PLAN OF MANAGEMENT

The Hornsby Shire Local Environment Plan 1994 (HSLEP) sets out in general terms types of developments permissible within a zone, either with or without Council's consent, exempt and complying development and prohibited developments.

9.1 HORNSBY SHIRE LOCAL ENVIRONMENTAL PLAN 1994

All development and activities in Community Land and Crown Reserves are to be carried out in accordance with the zoning of Open Space A or Open Space B zoning under the Hornsby Shire LEP 1994 below:

Objectives:

- a) "to ensure there is provision of adequate open space to meet the needs of the community and to enhance the environmental quality of the Hornsby area (for Open Space A Public Recreation – Local) or*
- b) to ensure there is provision of adequate open space to meet the needs of the regional community and to enhance the environmental quality of the Hornsby area (for Open Space B Public Recreation – District).*
- c) to encourage a diversity of recreational settings and facilities.*
- d) to protect and preserve areas of urban bushland which are considered valuable in terms of their ecology."*

Without Development Consent:

Bushfire hazard reduction (except ancillary buildings), gardening and landscaping may be carried out without development consent, but may require approval under Part V of the EP&A Act, 1979. In addition development carried out by or on behalf of the Council for the purposes of the following may be carried out on any land without development consent (HSLEP 1994) for the following (subject to notification provisions):

- (a) construction or maintenance of stormwater drainage, water quality treatment devices, water tanks, recreation areas, public amenities, temporary storage facilities;*

- (b) *installation or maintenance of street furniture, such as seats, Council information signs, street signs, street lights, bus shelters, garbage and recycling containers and bins, bollards, flag poles, telephone kiosks and the like, but not fixed outdoor vending machines;*
- (c) *construction and maintenance of roads, footpaths, cycleways, parking areas, fire trails, walking tracks and other public pedestrian areas, roads, including tree planting and repaving, street surfacing, reconstruction of kerbs, gutters and the like;*
- (d) *installation or maintenance of park furniture including seats, picnic tables, barbecue units and shelters, awnings and shade structures, gazebos and pergolas, bollards, playground equipment, flag poles, bridges, staircases, boardwalks, lighting (excluding ovals, tennis courts and the like), Council information signs;*
- (e) *installation and maintenance of goal posts, sight screens, fencing and similar ancillary sporting structures on sporting or playing fields for use in the playing/performance of sporting events (excluding grandstands, dressing sheds and other structures);*
- (f) *installation and maintenance of temporary structures for special events, including marquees, booth toilets, stages, tents, scaffolds and the like;*
- (g) *bush fire hazard reduction carried out in accordance with a bush fire management plan under the Rural Fires Act 1997;*
- (h) *bush regeneration, landscaping, gardening, tree planting, tree maintenance and tree removal.*

Only With Development Consent

Agricultural structures, agriculture, aquaculture, buildings ancillary to bushfire hazard reduction, gardening or landscaping, camp or caravan sites, car parks, cemeteries, child care centres; communication facilities; community facilities; dams; demolition; entertainment facilities; forestry; intensive animal establishments; intensive horticulture establishments; public buildings; recreation areas; recreation facilities; utility installations, subdivision.

Prohibited

Development that is not permitted without development consent or permitted only with development consent.

9.2 COMMUNITY LAND

This Plan approves activities permissible under the HSLEP as it is considered that the zoning and development controls on these lands appropriately reflect Council's management aims.

As Council considers necessary, development allowable under this Plan of Management may include the following, where it complies with the core objectives for the relevant categorisation:

- Asset maintenance such as renewal / replacement of assets and upgrades;
- Change of sporting uses where change is not significant e.g. from one ball sport to another;
- Landscaping, gardening and reclamation of surplus grassed areas for bush regeneration, restoration or planting of wildlife corridors;
- Provision of facilities ancillary to existing uses including seating, picnic and barbecue facilities, shelters, lighting for security or night training, drainage, irrigation, goal posts, dug-outs, cricket wickets, car parking, access roads, fencing, and pathways;
- Development of leash free dog runs;
- Tree planting, removal and maintenance;

- Development of safe bike tracks and skateboard areas;
- Provision of play spaces/ facilities;
- Provision of youth-specific leisure facilities;
- Signage including interpretive signage;
- Provision of indoor sports facilities;
- Provision of upgraded aquatic centres;
- Use of community land categorised as 'park', 'sportsground' or 'general community use' for the temporary storage of materials associated with maintenance activities where there will be no adverse impacts on the community land or adjoining properties;
- The staging of special events such as fetes, festivals, carol singing, movie or musical events, fun runs, gala sports carnivals, intercity bike rides, marathon stages, community education;
- The staging of community-operated markets;
- Installation of temporary structures for special events e.g. marquees, booth toilets, stages, tents, sound systems etc;
- Weed control and bushland regeneration and restoration;
- Feral animal control programs;
- Maintenance, closure and upgrade of walking tracks;
- Minor erosion control and soil stabilisation works;
- Bushland and wetland regeneration and restoration;
- Works and studies that promote the scientific or educational value of bushland;
- Purpose built facilities for equestrian groups, including bridle trails;
- Upgrading of community centres;
- Access to a range of facilities for aged and disabled people; and
- Spaces for performing and visual arts.

Council recognises the social and economic values of sportsgrounds and reserves to the community including the construction, maintenance and use of facilities.

Some minor Council works and activities can take place without obtaining development consent as outlined in the Exempt and Complying Development – Development Control Plan (2000). Where minor Council works or activities are proposed, Council will consider environmental impacts and if considered necessary, alternatives to a proposal. Where there are no justifiable alternatives to a proposal to facilitate the public's enjoyment in parks and sportsgrounds, the nature of impacts and means to minimise them will be addressed as outlined in the Action Plan of this Plan of Management.

Where other minor Council works are undertaken, proposals may still require assessment under Part V of the Environmental Planning and Assessment Act 1979 and may also require exhibition of the proposal.

Major development that is acceptable under the core objectives for the relative category may require a Development Application under Part IV of the Environmental Planning and Assessment Act 1979.

If there is any further development of community land other than authorised by this Plan of Management, or a change in the categorisation of any community land is proposed, amendment and re-exhibition of the Plan of Management will be required.

9.3 MASTERPLANS

Masterplans will be prepared on an as needs basis to detail proposed uses of individual reserves. Consultation with the community including neighbours, user groups and other key stakeholders will be undertaken at this stage. Masterplans will be consistent with the categorisation of the land in the individual reserve, the core objectives of that category of land and other matters raised in this plan of management.

9.4 LEASES AND LICENCES

Pursuant to the provisions of Section 46 Parts (1)(b), (2), (4)(a) and (5) of the Local Government Act 1993, Council may lease or license Community Land in a Plan of Management for purposes that are also consistent with the land categorisation.

The Local Government Act requires that all grants of all estates and any lease or licence of community land is expressly authorised by a Plan of Management. In accordance with the Act, this Plan of Management expressly authorises leasing and licencing which formalises the use of community land by groups, commercial organisations and / or individuals providing facilities or services for public use that is also in accordance with the core objectives for the category of land and objectives of this Plan of Management.

Activities must be compatible with the zoning of the reserve and provide benefits, services or facilities for users of the land. The terms and conditions of a lease should ensure property management and maintenance, and that the interests of Council and the public are protected.

A lease is generally required where exclusive control of all or part of an area by a party is proposed or desirable in the interest of management of the area. A licence is generally required where intermittent or short-term occupation or control of all or part of an area is proposed. A number of licences can apply at the same time provided there is no conflict of interest.

The maximum allowable period for leases/ licences on community land under the Local Government Act 1993 is 21 years for purposes consistent with the categorisation and core objectives of the particular area of community land. Community land may only be leased or licensed if public notice is given, unless exempted under the Local Government Act 1993. Activities exempted are listed in Appendix 5.

A lease, licence or other estate may be granted for the provision of public utilities and works associated with or ancillary to public utilities, or may be granted, in accordance with an express authorisation in a plan of management.

Future Uses

When current leases expire, Council should reassess the lease and licensing arrangements. Issues to be considered when reassessing leases or entering into new agreements include:

- Ensuring all leases and licences are based on a sound asset management basis with rents and charges having regard to market values and other social and economic factors;
- Ensuring all leases and licences meet the requirements of relevant State and Local Government Acts and Council town planning controls;

- Ensuring proposed activities are compatible with the core objectives established in the Local Government Act;
- Negotiating greater financial returns which will contribute to management and maintenance of community land; and
- Requiring the lessee to carry out improvement works to the leased facility.

All future lease / licence arrangements entered into shall be in accordance with Council's Policies CSISAS 12 – *Delegation of Authority to Grant Lease / Licence Agreements*, CSISAS 13 - *Use of Council Buildings by Kindergartens* and CSISAS 14 - *Lease/Licence of Council Land* and in accordance with requirements of the Local Government Act 1993. Council Policy CSISAS 14 states that the maximum length of lease/licence of Council land will generally be five (5) years. Council may however give consideration to granting an additional period of tenure where special circumstances warrant this occurring. Where a lease arrangement has been entered into with Council for community land, subleasing of the land must be in accordance with the requirements of section 47C of the Local Government Act 1993.

This Plan of Management authorises the following types of leases and licences for community land within Hornsby Shire.

9.4.1 Leasing and Licensing of Sports Facilities

The granting of leases/ licences will be authorised for use of sportsgrounds for activities permissible under this Plan of Management, the Hornsby Shire Local Environment Plan 1994, the Local Government Act 1993 and pursuant to Development Consent if required. The following types of sports facility licences will be granted for the exclusive use of sports grounds (including playing fields, change rooms, and canteen) or courts (including netball, basketball and/or tennis courts) at nominated times.

9.4.1.1 Seasonal Licences for Sportsgrounds

The granting of licences will be authorised as required for sports that run on either a summer (September to March) or a winter (March to September) competition basis. The range of sports possible include but are not restricted to, Clubs and Associations engaged in Australian Rules Football, Rugby League or Rugby Union Football, Soccer, Baseball, Softball, T-Ball, Cricket, Athletics, Touch Football, Hockey, Netball, Basketball and Tennis.

Licences may cover competition events on Saturdays, Sundays and public holidays (after 8am) and Friday and Saturday evenings (twilight events in summer). Licences may also cover training Monday to Friday including some during daylight hours, but predominantly for training from 5pm to 10pm. During these times of use the Club or Association will have exclusive use of the sportsground.

To manage wear and maintain the use of grounds use within carrying capacity and to meet the needs of Hornsby Shire residents, preference will be given to Associations and Clubs based in Hornsby Shire.

9.4.1.2 Licences for School Use of Sportsgrounds

The granting of licences will be authorised for Schools for the exclusive use of sports facilities at times during weekdays. The range of sports permissible may include but will not be limited to Australian Rules Football, Rugby League or Rugby Union Football, Soccer, Baseball, Softball, T-Ball, Cricket, Athletics, Touch Football, Hockey, Netball, Basketball and Tennis.

9.4.1.3 Licences for Casual Hire of Sportsgrounds

The granting of licences will be authorised for casual events including, but not limited to, the playing of Australian Rules Football, Rugby League or Rugby Union Football, Soccer, Baseball, Softball, T-Ball, Cricket, Athletics, Touch Football, Hockey, Netball, Basketball and Tennis; for community events including organised fetes, festivals, parades and performances that may include stall holders engaging in a trade or business; and small-scale private sector events including markets, promotional events, parties, weddings, filming and photography. These events may generally be held between the hours of 8am and 10pm. Specific approval will be required to licence events proposed outside these hours.

9.4.2 Leasing and licensing of Recreation Facilities

Tennis Courts

A lease may be granted for use of tennis courts for coaching and other ancillary activities as a trade or business, on weekdays and weekends mainly during daylight hours. Leases may also provide for sub-letting of the facilities for casual bookings after 7:30am and possibly up to 10pm. Periodical exclusive use will be granted.

Generally, lease agreements for tennis courts between a lessee and Council include that tennis courts must be available to members of the public for at least 50% of the available court time. The remaining 50% may be used by the lessee for the exclusive use of members of the Club and their guests. Agreements provide that in allocating the available times, members of the public must not be unfairly discriminated against. This arrangement may vary as individual situations are assessed.

9.4.3 Licences for Special Events

Licences may be issued for the staging of special events such as fetes, festivals, fairs, circuses, markets, musicals, theatre, movies, fun runs, charity performances or events, gala sports carnivals, community carol singing, large picnics, family reunions, weddings, community education events, pet and animal events, miscellaneous community events, and small scale private sector events such as promotional events, parties, filming and photography.

9.4.4 Leasing and Licensing of Park Facilities

Seasonal Hire

The granting of licences will be authorised for use of certain parks or a portion of those parks for seasonal hire. Activities may include but will not be limited to community groups using designated parks or a portion of those parks for regular market days, model boat / plane activities, community fund-raising events that may include stall-holders engaging in a trade or business, small scale private sector events including markets, promotional events, parties, filming and photography permissible under the Hornsby Shire Local Environment Plan 1994, and other uses permitted under this Plan of Management. These events may generally be held between the hours of 8am and 10pm. Specific approval will be required to licence events proposed outside these hours.

9.4.5 Leases and Licences in Natural Areas

Buildings in bushland are used by community groups such as scouts, girl guides and sporting clubs associated with natural area values. The leasing of buildings in bushland in community open space are to be considered on individual merits and

may be granted by Council for a period not exceeding 21 years. Public notice will be given if the Council proposes to grant a lease or licence for a period exceeding five years or for five years or less for a use not exempted by the regulations.

With respect to natural areas, a lease or licence may be granted for the erection or use of the following buildings and structures pursuant to Development Consent:

- Walkways;
- Pathways;
- Bridges;
- Causeways;
- Observation platforms; and
- Signs.

A lease or licence may also be granted for the purposes of:

- Information kiosks;
- Refreshment kiosks (but not restaurants);
- Work sheds or storage sheds required in connection with the maintenance of the land; and
- Toilets or restrooms.

9.4.6 Leasing or Licensing arrangements for General Community Use

Leasing and Licensing of Community Centres / Council Owned Community Facilities

Organisations successful in securing premises will enter into a licensing or lease arrangement with Council. Council's policies CSISAS 12 – Delegation of Authority to Grant Lease / Licence Agreements, CSISAS 13 - Use of Council Buildings by Kindergartens and CSISAS 14 - Lease/Licence of Council Land, are applicable to community organisations entering into a formal lease or licence.

Under these policies, the following may apply:

- Rent will be assessed by a market valuation undertaken by Council's Valuer, with such rent being reviewed annually in accordance with the Consumer Price Index;
- Where community based non-profit groups are of the opinion they will not be able to afford to pay the rental determined, they may make written application to Council to have this rental reduced;
- The market rental will be reviewed by Council's Valuer every three (3) to five (5) years; and
- The maximum length of the lease/licence of Council land will generally be five (5) years. Council may give consideration to granting an additional period of tenure where special circumstances warrant this occurring.

A lease will be appropriate where exclusive possession of premises is given to a successful organisation. A licence will be appropriate where the right to occupy is non-exclusive.

The following types of licences may be granted for the exclusive use a Community Centre / Council Owned Community Facility including facilities and furniture.

Annual licences

Annual licences in the form of hiring agreements may be granted to regular user groups of the Community Centre. Regular bookings include but are not limited to various forms of recreation classes (dancing, martial arts, and aerobics),

educational classes and community group meetings (church groups, sports clubs, Probus club).

Fees charged for regular users are in accordance with the Fee Schedule adopted by Council after public exhibition for twenty eight (28) days as required by the Local Government Act 1993.

Casual Hire

Community Centres are available for casual use at times when they are not being used by regular hirers. Hiring permits are issued on the basis of prior bookings made. Charges for casual use are in accordance with the Fees Schedule adopted by Council after public exhibition for twenty eight (28) days as required by the Local Government Act 1993.

Casual bookings include but are not limited to weddings, birthday parties and community functions.

9.4.7 Other Leases and Licences

Crossing of Reserves

Section 46 of the Local Government Act prevents councils from granting leases, licences or other estates over community land for private purposes except in the uses described in Section 116 (3 -5) of the Local Government (General) Regulation 2005. Short term, casual use will only be granted for a purpose consistent with the core objectives for the category of land and for a purpose referred to in section 46 (4) (a) (i) (ii) of the Local Government Act for:

“(a) The provision of goods, services ,and facilities, and the carrying out of activities, appropriate to current and future needs within the local community and of the wider public in relation to any of the following:

- I. public recreation;*
- II. the physical, cultural, social and intellectual welfare or development of persons.”*

In addition Section (5) outlines the matters which are covered by subsection (4) (a) (ii) to include, but not be limited to:

“maternity welfare centres, infant welfare centres, kindergartens, nurseries, child care centres, family day-care centres, surf life saving clubs, restaurants or refreshment kiosks.”

Although this prohibition does not extend to Crown Land, Council aims to manage such lands in accordance with all community land. This Plan of Management therefore does not allow for the granting of leases, licences or other estates over, or crossing of, Crown Land under the care, control and management of Council for private purposes in the same manner as community land as detailed in the above paragraphs, except where specifically authorised under the Crown Lands Act.

Liquor Licences

Although granting of liquor licences are subject to other approvals and are not at the sole discretion of Council, this Plan of Management allows for Council to give permission as the landowner for liquor licences on community land subject to other necessary approvals. Applications for liquor licences will be considered on individual merits and will only be considered when other relevant criteria are met.

Casual Liquor Licences

The consumption of alcohol in reserves under the care, control and management of Hornsby Shire Council will be allowable BUT ONLY WITH WRITTEN COUNCIL CONSENT under the following conditions:

- ξ People will not be allowed to enter or remain in reserves in an intoxicated state;
- ξ People will not be permitted to consume alcohol in reserves while junior games are in progress; and
- ξ People will not be permitted to consume alcohol within 10 metres of children's play areas.

The 'Public Reserves Notice' contained in Appendix 4 allows for this.

Granting of Estates

This Plan of Management allows Council to grant '*an estate*' over community land for the provision of public utilities and works associated with or ancillary to public utilities in accordance with the Local Government Act 1993. Estates may also be granted across community land for 'the provision of pipes, conduits or other connections under the surface of the ground for the connection of premises adjoining the community land to a facility of the council or other public utility provider that is situated on the community land. Estates will be granted in accordance with the requirements of the Local Government Act 1993.

An estate in respect of community land is authorised by this Plan of Management for the purpose of a 'public road' under the following conditions (S.47F):

- ξ Where the provision of that road is consistent with the core objectives;
- ξ Where that road is necessary to facilitate enjoyment of the land or any facility on that land; and
- ξ Where other means of access other than public road access have been considered.

Granting of Estates – Conservation Agreements

This plan allows Council to enter into a conservation agreement, including a Biobanking agreement under the Threatened Species Conservation Act 1995 with the Minister administering the National Parks and Wildlife Act and Threatened Species Conservation Act 1995 to provide for the maintenance of biodiversity values in perpetuity.

Radio Transmitter Towers

This Plan of Management will allow for a lease to be established for use of a radio transmitter tower including associated infrastructure, for purposes that comply with the core objectives of the Local Government Act and where a Development Application is approved. Uses permissible will include but will not be limited to use by amateur radio clubs.

Community Gardens on Community Land

In recent years, Council has been approached with proposals to develop community gardens on community land within Hornsby Shire. The aim of developing such gardens is to provide an opportunity to provide accessible, strategically located gardens that also contribute to community waste management and education.

Where appropriate community gardens could be developed as a component of parks where such development does not reduce the utility of open space for other uses. Community gardens are not permissible within natural areas.

For community gardens to be successful they must be well supported by the community, easily accessible to residential areas, secure, visible, have good access to solar and water resources, and have secure tenure to allow long term use.

This Plan of Management allows for leases to be established for the development of community gardens where they comply with the core objectives of the Local Government Act and where considered appropriate by Council.

Reverse Vending Machines

This Plan of Management allows Council to enter into a lease/ licence agreement to provide for the installation of Reverse Vending Machines.

9.4.8 Residential Leases

Where a residence exists on community land, this Plan of Management authorises a residential lease for a period agreed between council and the tenant up to 5 years. Where appropriate, the lease will provide that the tenant performs duties to assist with security of the community land and community access to it.

9.4.9 Telecommunications Towers

This Plan of Management will allow establishment of telecommunications facilities where the proposal has considered Council's Policy for Telecommunication Facilities PSA 10, where the towers are low impact under the Telecommunications Act or have minimised impact to a degree acceptable to Council and where there is an approved Development Application.

PART II - ACTION PLAN

***As required by the Local Government Act (1993), Part 2 of the Plan of Management has been developed to provide specific statements on how the objectives of the Plan of Management will be achieved.

Following are definitions of the terms used in the Action Plan.

Levels of Service and **Management Statements** are broad indications of how Council's objectives might be achieved, and what users and the general public may expect in the provision of the service that community land aims to provide.

Actions are specific measures to be undertaken to facilitate the achievement of strategies.

Performance Measures are how Council will evaluate the amount of progress made relative to the timeframe established for the actions, or whether the final achievement is realised.

This section of the Plan will be assessed annually. It provides a framework for management consistent with the anticipated availability of resources and anticipated community needs.

Review of Environmental Factors

The Action Plan contains elements that address the need to assess the environmental impacts of an activity, such as operating and maintaining a sportsground. Measures to minimise such impacts are contained in the Action Plan.

Definitions

The manager, team or individual responsible for managing each action item is listed in the Management Team section of the Operations Plan. Abbreviations for each of the codes used in this section of the Operations Plan are as follows:

HSC	– Various Hornsby Council	MBB	– Manager Bushland & Biodiversity
MC	– Management Committees	MCC	– Manager Corporate & Community
MCS	– Manager Community Services	MES	– Manager Engineering Services
MF	– Manager Finance	MHR	– Manager Human Resources
MPL	– Manager Parks & Landscape	MRI	– Manager Risk & Insurance
MTPS	– Manager Town Planning Services	MTRS	– Manager Traffic & Road Safety
MWC	– Manager Water Catchments	MWM	– Manager Waste Management
NL	– Neighbouring Landholders	P	– Proponent
PAT	– Parks Asset Team	PSU	– Parks Service Unit
RFS	– Rural Fire Service	SU	– Sportsground Users

The timing determined for improvements will be subject to the availability of funds and will require revision if circumstances alter.

Timing for actions is as follows:

- S** (Short Term) - Action completed within 2 years
- M** (Medium Term) - Action completed within 2 - 4 years
- L** (Long Term) - Action commenced after 4 years
- O** (Ongoing) - Action carried out on a regular basis for the term of this plan

Plan of Management Assessment

Assessment of targets will take place in reviews of the Action Plan at intervals no greater than five years. Monitoring of actions set out within this Plan of Management will occur on an annual basis.

Assessment will include qualitative and quantitative reviews of targets.

1.0 ACTION PLAN FOR ALL CATEGORIES OF COMMUNITY LAND

1.1 OPERATING STANDARDS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.1A Environmental Sustainability				
Ensure the adjoining land uses minimise impacts on the natural environment.	<ul style="list-style-type: none"> • Provide a rear setback to developments on private properties that adjoin bushland. • Ensure that active uses of Council or Crown land have a minimum impact on bushland. 	MTPS MPL	O	<ul style="list-style-type: none"> • The improved condition of bushland edges, core and creeks.
1.1B Maintenance Personnel				
Skilled and experienced labour is used to implement specialist works as specified in the Service Level Agreement.	<ul style="list-style-type: none"> • Works including traffic control, pesticide applications, pruning of trees and shrubs, hedges and arboricultural work is to be carried out by suitably qualified and / or trained staff. • Appropriate training is provided for staff involved in the above tasks. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> • Staff carrying out specialist maintenance works specified in the Service Level Agreement, are appropriately skilled and trained.
1.1C Council Staff Health and Safety Standards				
At all times Council employees and contractors will comply with Occupational Health and Safety Standards.	<ul style="list-style-type: none"> • Train Council staff in Occupational Health and Safety Standards. • Maintain work practices to comply with Occupational Health and Safety standards. • Encourage staff to report breaches of Occupational Health and Safety standards to the designated OH&S officers. 	MPL / MBB/ MHR	O	<ul style="list-style-type: none"> • Safe Work Method Statements are regularly prepared, reviewed and communicated to staff.

1.1D Legislative Standards

Services are provided to agreed national and industry standards, local bylaws, the LEP and policies and standards resultant from public consultation.

- Staff are up to date and familiar with the relevant legislation impacting upon the level and standard of Council services.

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- Activities of Council uphold legislative requirements.

1.1E Technical Standards

The design of any new structures on community land must comply with the relevant building standards.

- New buildings and structures comply with the relevant building standards.

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- All new buildings and structures on community land comply with the relevant building standards.

Monitoring requirements will comply with those specified in Service Level Agreements.

- Work will be monitored to assess compliance with requirements specified in the Service Level Agreement.

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- Service Level Agreement work is monitored and reports generated to reflect monitoring outcomes.

1.2 EQUITY AND ACCESS

Management Statement

Action

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Performance Measures

1.2A Disabled / Stroller Access

Provide access for disabled users and strollers onto community land where possible.

- Address unsuitable access, providing access paths where appropriate and as finances allow.
- Satisfy the requirements of the Disability Discrimination Act 1992 and the Anti-Discrimination Act 1977.
- Where parking areas are provided for the community on community land, provide appropriate number of parking spaces in accordance with the requirements of the Access and Mobility DCP, to allow access for users with disabilities.

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- Disabled / stroller access is provided into appropriate areas of community land.

- Requirements of the Disability Discrimination Act and Anti-Discrimination Act are met as resources and conditions allow.

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1.2B Equity of Access to Council Reserves and Facilities

Strive to provide equal opportunity of access to community land for all sectors of the community.	<ul style="list-style-type: none"> Consider historical use when assessing facilities for allocation. When opportunities arise to review allocation of facilities, weighting is to be given to groups with female, disabled, non-English speaking background and other membership bases. 	HSC	O	<ul style="list-style-type: none"> Equity of access is considered when an opportunity arises to review allocation of use of Council facilities.
Recognise the role of community sports clubs in using Council facilities to operate sport.	<ul style="list-style-type: none"> When opportunities to redistribute allocation of Council facilities arise, the principle of satisfying the greatest demonstrated recreation or leisure need. Implement relevant findings of the Leisure Strategic Plan 2003. 			<ul style="list-style-type: none"> Opportunities to satisfy recreation needs are taken when reviewing allocation of Council facilities.

Management Statement

Action

Mgt Team

Time Frame

Performance Measures

1.2C Unauthorised Camping

Council recognises that all people should have access to private or public housing which meets their individual needs, and that all people have a right to enjoy public reserves for activities that do not impact on other users' enjoyment.	<ul style="list-style-type: none"> Council will enlist appropriate support services to assist in providing alternative accommodation for homeless people in public reserves when complaints arise. 	HSC	O	<ul style="list-style-type: none"> The support of agencies able to assist the homeless where conflicts between park users and unauthorised campers occur.
People will be encouraged not to camp in public reserves unless in designated camping areas or otherwise use public reserves in ways that impact on access by other users.	<ul style="list-style-type: none"> Rangers and Parks maintenance staff will patrol parks to discourage or prevent people from unauthorised camping in public reserves. 	MEHP/ MPL	O	<ul style="list-style-type: none"> Parks are patrolled as resources allow, discouraging unauthorised camping in reserves.

1.3 ANTI-SOCIAL BEHAVIOUR

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.3A Vandalism				
Develop and implement programs to minimise incidents of anti-social behaviour on community land.	<ul style="list-style-type: none"> Design future facilities to allow easy surveillance where possible. Maintain surveillance patrols as required. Provide security lighting as appropriate. 	MPL	O	<ul style="list-style-type: none"> Facilities within parks and sportsgrounds are designed to reduce opportunities for vandalism. Surveillance patrols are carried out at known problem times. Lighting is provided where required.

1.4 RESERVE NAMING AND DEDICATIONS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.4A Naming of Reserves and Dedications				
The naming of reserves and dedications are undertaken according to Council criteria.	<ul style="list-style-type: none"> Naming preference is given to geographical names (such as road and suburb), aboriginal names, historical names, or names of deceased persons who have made a major contribution to the reserve or early history of the reserve's locality. 	HSC	O	<ul style="list-style-type: none"> Integrity and meaning is maintained when naming community land.
Dedications on community land comprising of plaques, signs and other structures are made in recognition of substantial contributions to the conservation and maintenance of that land and require written Council permission. Other dedications will be assessed on an individual basis.	<ul style="list-style-type: none"> Assessment on merits, visual amenity and applicable standards is undertaken prior to approval of any dedication. 	HSC	O	<ul style="list-style-type: none"> Dedications within community land have high merit and significance.

1.5 PROTECTING FAUNA AND FAUNA HABITATS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.5A Fauna Impacts Native fauna is protected and habitat conserved on community land.	<ul style="list-style-type: none"> All work is to minimise impacts on native fauna and habitat. Dead tree hollows are retained unless they pose a risk to life or property. Hollows from dangerous trees are relocated on public land nearby. Pesticide use is considerate of impacts upon fauna. 	HSC	O	<ul style="list-style-type: none"> Fauna habitat is enhanced and conserved where possible.

1.6 CONSERVATION OF RESOURCES

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.6A Reduction of Resource Use and Energy Efficiency Use of recycled materials and energy reduction programs are implemented in capital works projects and maintenance programs.	<ul style="list-style-type: none"> Increase use of recycled materials in capital works projects and maintenance programs. Recycling of green waste. Reduction of electricity and water use. 	HSC	O	<ul style="list-style-type: none"> Higher percentage of recycled material is used in capital works and maintenance programs. Green waste is recycled.. Measures for reducing the use of water derived from dam storages and energy derived from non-renewable fuels are investigated.

1.7 HERITAGE LISTINGS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.7A Heritage Listed Sites and Areas To preserve heritage listed areas within Hornsby Shire for future generations.	<ul style="list-style-type: none"> Manage heritage-listed areas in accordance with this Plan of Management and the Hornsby Shire LEP. 	HSC HSC	ST O	<ul style="list-style-type: none"> Areas are managed and preserved in accordance with this Plan of Management and the Hornsby Shire LEP.

1.8 IMPACTS OF DEVELOPMENTS AND ACTIVITIES

Management Statement Action

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.8A Impacts of Developments and Activities				
Identify and address impacts of developments and activities on neighbouring properties where development approval is not required.	<ul style="list-style-type: none"> Address parking requirements and impacts of additional traffic from proposed developments. Address impacts of noise and lighting from proposed developments and activities on neighbouring properties. 	HSC	O	<ul style="list-style-type: none"> Potential impacts of proposed developments and activities such as parking, traffic; noise and lighting on neighbouring properties are addressed.

1.9 LEASES AND LICENCES

Management Statement Action

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.9A Leases & Licences				
Leases and licences are granted in accordance with the requirements of the Local Government Regulation and Act.	<ul style="list-style-type: none"> Conditions apply to ensure proposed activities on community land comply with core objectives of the LGA. Leases and licences are granted in accordance with the requirements of the Local Government Act and Local Government Amendment (Community Land Management) Regulation 1999 and in accordance with Council's policies for leasing and licensing of Council land. 	HSC	<p>O</p> <p>O</p>	<ul style="list-style-type: none"> All activities on community land comply with the core objectives of the Local Government Act and Regulations. Leases and licences comply with the requirements of the LGA and with Council's policies.

1.9B Use/Sale of Alcohol in Reserves

Applications to Council for use/sale of alcohol in public reserves are considered individually.	<ul style="list-style-type: none"> 'Public Reserves Notice' permits use / sale of alcohol in public reserves subject to Council approval and approval of other relevant bodies. Council approves / rejects applications for such licences on individual merits. 	MPL/ MBB	S	<ul style="list-style-type: none"> Reserves notice is posted.
		MPL/ MBB	O	<ul style="list-style-type: none"> Applications for use / sale of alcohol in public reserves are considered on individual merits subject to approval of other relevant bodies.

1.9C Reserve Crossings

Reserve crossings are only granted in accordance with the requirements of the Local Government Act and Regulation, and Crown Lands Act (where relevant).

- No reserve crossings for private purposes are approved after 31st December 2000, except in accordance with the stated legislation and as outlined in this POM.

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No licences for crossing of reserves for private purposes are granted after 31st December 2000, except in accordance with the stated legislation and as outlined in this POM.

1.10 COMMUNICATIONS TOWERS

Management Statement **Action**

1.10A Communications Towers on Community Land

Allow the lodgement and assessment of Development Applications for communications towers.

- If approved, communications towers generate income for the management of community land.

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- Council derives income from any approved communications towers and applies it to management of community land.

1.11 VOLUNTEER INSURANCE

Management Statement **Action**

1.11A Volunteer Insurance

Volunteer groups working on community land are covered by appropriate insurance as required by Council's Risk and Insurance Manager.

- Register volunteer workers with the Risk and Insurance Manager prior to work being undertaken, as required.
- Provide instruction in safe work methods to volunteer groups.

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- Volunteer workers are registered prior to working on community land.

1.12 FUNDING

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
1.12A Funds Received from User Fees				
Funds derived from use of community land are allocated in accordance with the Local Government Act.	<ul style="list-style-type: none"> Money derived from use of community land is expended on community land acquisition and community land management requirements in accordance with S.409 of the Local Government Act 1993. 	HSC	O	<ul style="list-style-type: none"> Funds derived from community land use are allocated to future community land management and acquisition.
1.12B Through Life Costs				
Adopt an appropriate level of funding for maintenance of facilities within a financial year and over the whole life of an asset.	<ul style="list-style-type: none"> Determine level of funding required to maintain community land facilities in accordance with the Plan of Management. Annually adopt an appropriate budget to allow for maintenance of community land. 	HSC HSC	O O	<ul style="list-style-type: none"> Facilities are maintained within budget and in accordance with the Plan of Management.
1.12C Fees				
Set and maintain an appropriate level of hire fees for use of facilities on community land.	<ul style="list-style-type: none"> Fees are set according to community service and cost recovery principles. 	HSC	O	<ul style="list-style-type: none"> Level of fees is determined & adopted by Council annually.

2.0 ACTION PLAN FOR PARKS AND SPORTSGROUNDS

2.1 NOTIFICATIONS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.1A Park and Sportsground Availability				
Council will determine the status of ground closures due to weather by 2pm on weekdays.	<ul style="list-style-type: none"> User groups will be notified at the earliest possible convenience of changes to sportsground and park availability due to wet weather in accordance with Hornsby Shire Sports Council Adopted Written Procedures. Maintain a 'Wet Weather Line' to allow users 24 hours a day, 7 days a week access to information on ground availability affected by weather. 	<p>MPL (PAT / PSU)</p> <p>MPL</p>	<p>O</p> <p>O</p>	<ul style="list-style-type: none"> 90% satisfaction as measured by the 'to be implemented' end of season user survey. Wet Weather Line 100% accurate at all times.
2.1B Notification of Works				
User groups will be notified of the need to cancel events due to major maintenance or capital works.	<ul style="list-style-type: none"> Notify user groups at the earliest possible convenience of changes to sportsground and park availability due to major maintenance or capital works. Give residents / businesses/ park users 48 hours notice in writing of any proposed work that will affect them detailing location, date and time of work, unless otherwise directed. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Major user groups are always notified of major maintenance or works that will impact upon the use of the park or oval. Residents / businesses are notified in accordance with the Service Level Agreement.
Residences / businesses / park users will be notified of any proposed works which may impact on them.				

2.2 PROTECTING THE NATURAL ENVIRONMENT

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.2A Use of Pesticides				
The use of pesticides in parks and sportsgrounds will be kept to a minimum to comply with the relevant codes of practice and legislation to minimise any health effects and / or impacts on the environment.	<ul style="list-style-type: none"> Use of pesticides will comply with the relevant codes of practice Use minimum toxicity sprays for treating weeds in parks and sportsgrounds and spray when desirable grasses are dormant. Selection of appropriate grass species Staff utilising herbicides are to be suitably qualified and / or trained. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Pesticide use is minimised and complies with the relevant codes of practice. Programme for treating weeds is improved through application timing and methods. Appropriate grass species are selected. Staff utilising herbicides are suitably qualified and / or trained.
Broad leaf, grass weeds and grass like weeds are effectively kept under control and / or eliminated.	<ul style="list-style-type: none"> Utilise quality integrated turf management practices on sportsgrounds to develop vigorous dense turf to minimise weed infestation and turf pests and diseases. Weed control to be implemented as funding allows. Selection of low toxicity linemarking products. 		O	<ul style="list-style-type: none"> Integrated turf management practices are implemented on sportsgrounds. Linemarking materials do not damage turf.

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.2B Use of Fertilisers				
Fertilisers are applied to maintain a safe, wear resistant playing surface.	<ul style="list-style-type: none"> Sportsgrounds and gardens are fertilised with appropriate fertiliser at best possible application times. Annual soil analysis tests are carried out for selected turfed sportsgrounds. Fertilising program is implemented each year for each turfed sportsground. Plant species are chosen for low fertiliser requirement where appropriate. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Sportsgrounds and gardens are fertilised in an environmentally sustainable manner.
2.2C Erosion Control				
Erosion control measures are implemented for works where there is potential for erosion of exposed soil.	<ul style="list-style-type: none"> All activities resulting in exposed soil are to be assessed for potential erosion of exposed soil into a watercourse. Where potential for erosion is identified, erosion control measures are to be implemented. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Activities resulting in exposed soil are assessed. Erosion control measures are implemented as required.
2.2D Gardens – Species Selection				
Plant species used in parks and sportsgrounds adjoining bushland are to be compatible with the natural areas.	<ul style="list-style-type: none"> Use indigenous plants or other non-invasive species in garden areas of parks and sportsgrounds adjoining bushland. 	MPL	O	<ul style="list-style-type: none"> Indigenous plants or other non-invasive species are used in garden areas where adjoining bushland.

2.3 AVAILABILITY OF FACILITIES AND GROUNDS

Management Statement Action

2.3A Parks Booking Service

During normal business hours a responsive booking service will be available.

- Ensure a booking officer or other Council staff member will be available between 8.30am and 5.00pm to take booking details and answer enquiries.

Performance Measures

- Booking service is always available during Council's business hours.

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2.4 MAINTENANCE OF FACILITIES AND GROUNDS

Management Statement Action

2.4A General Maintenance of Parks and Sportsgrounds

Sportsgrounds and parks will be maintained in a safe and aesthetically pleasing condition consistent with the type of recreational use.

- Undertake routine safety and suitability inspections and maintenance.
- Sports grounds are marked before the days play to the sporting codes specifications and standards.
- Maintenance passes include checks of recreational facilities within parks.
- Randomly survey users once per annum to gauge satisfaction with provided services.

Performance Measures

- Carry out maintenance operations in accordance with external contract or internal Service Level Agreements.
- Grounds are always correctly marked and ready for the identified sporting code before the day of play.
- Requests for maintenance are responded to or actioned within 12 working days.
- Turf on sportsgrounds is maintained at a height of 75mm or less, bare areas repaired following the winter season and weeds controlled where budget allows.

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2.4B Level of Service

Parks and sportsgrounds will be provided with a level of service treatment consistent with the level of community use.

- Level of service grading will be allocated on a reserve by reserve basis as high, medium or low, which is generally daily for high, monthly or fortnightly for medium and quarterly or as requested for low. This frequency may be changed according to weather or budget constraints.

- Maintenance is implemented in accordance with Service Level Agreements.

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Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.4C Upkeep of Amenities				
Amenities, including toilets, showers and change rooms, will be made available at all major sporting grounds, in a safe and aesthetically pleasing condition. Amenities will be provided in major Parks where appropriate.	<ul style="list-style-type: none"> Monitor amenities to ensure they are available in an acceptable condition. 	MPL	O	<ul style="list-style-type: none"> Facilities are available at all identified major grounds in a safe and acceptable condition at all times.
	<ul style="list-style-type: none"> Assess the need for amenities in sportsgrounds and parks that do not provide these services. 	MPL	O	<ul style="list-style-type: none"> Amenities constructed as required.
2.4D Ball Courts				
Ball courts will be maintained in a useable and safe condition.	<ul style="list-style-type: none"> Courts are clearly marked for the sporting codes played on them. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> All courts including netball, tennis and basketball courts are clearly marked.
	<ul style="list-style-type: none"> Damaged surfaces, nets, fencing and poles will be replaced. 		O	<ul style="list-style-type: none"> Requests for maintenance are responded to or actioned within 12 working days. Maintenance is implemented in accordance with Service Level Agreements. Court resurfacing is assessed and carried out as funds become available.
2.4E Parks Furniture				
Parks furniture will be maintained to a safe and aesthetically pleasing standard.	<ul style="list-style-type: none"> Furniture in parks and sportsgrounds including seats, tables, rubbish bins and signs will be regularly maintained. 	MPL (PAT / PSU) / MWM	O	<ul style="list-style-type: none"> Requests for maintenance are responded to or actioned within 12 working days.
	<ul style="list-style-type: none"> Furniture in parks and sportsgrounds that has been vandalised will be repaired or replaced as funds become available. If the furniture poses a public hazard it will be removed. 		O	<ul style="list-style-type: none"> Maintenance is implemented in accordance with Service Level Agreements.

2.4F Barbeques

Barbeques in parks and sportsgrounds will be clean and operable.

- Barbeques will be cleaned once a week.

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- Barbeques are operable 95% of the time.
- Requests for maintenance are responded to or actioned within 12 working days.
- Maintenance is implemented in accordance with Service Level Agreements.

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.4G Fences				
Park and sportsground fencing will be maintained in a safe condition.	<ul style="list-style-type: none"> Replace damaged fencing as required. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Requests for maintenance are responded to or actioned within 12 working days. Maintenance is implemented in accordance with Service Level Agreements.
2.4H Taps and Bubblers				
Taps and bubblers in parks and sportsgrounds will be operational.	<ul style="list-style-type: none"> Reports of leaking taps or bubblers will be responded to promptly. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Requests for maintenance are responded to or actioned within 3 working days. Maintenance is implemented in accordance with Service Level Agreements.
2.4I Signs				
Signs are legible and are erected in highly visible locations within parks and sportsgrounds.	<ul style="list-style-type: none"> Install signs in highly visible locations. Replace damaged /vandalised signs where they have been rendered illegible. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Signs are visible.
			O	<ul style="list-style-type: none"> Damaged signs are replaced as required.
2.4J Playgrounds				
Council will comply with the Australian Standards for playgrounds and play equipment.	<ul style="list-style-type: none"> Design and maintain playgrounds and play equipment to relevant safety standards where possible. Undertake safety inspections and regular maintenance in accordance with Service Level Agreements. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Safety in playgrounds and for playground equipment is upheld to Australian Standards (AS 1924, AS 4422 and AS 4486). Maintenance is implemented in accordance with internal Service Level Agreements. Comprehensive inspections are undertaken on a quarterly basis.

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.4K Tree Maintenance Standards				
Trees are maintained by suitably qualified and / or trained personnel in accordance with the Service Level Agreement and Australian Standards.	<ul style="list-style-type: none"> Tree works are carried out in accordance with Work Cover Code of Practice: Amenity Tree Industry 1998 and conform to AS 4373 – 1996. All work is to be undertaken in accordance with the specifications in the internal Service Level Agreements or external contracts. Staff are to appropriately trained for the tasks they perform. Trees are underpruned to remove obstruction to footpaths, roadways, traffic visibility, electric power lines, lighting, private and public driveways or crossings (to minimum 3 m). Trees are pruned to provide minimum 1m / optimum 3m clearance from property roof, guttering, and walls without affecting the natural form of the tree. Trees in reserves are removed of deadwood with a diameter above 15 - 20mm. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Tree work is carried out in accordance with relevant standards and codes. Staff training programs implemented as required. Work is implemented in accordance with specifications in the Service Level Agreement. Obstructions from trees on community land are minimised.

2.5 RISK MANAGEMENT

2.5A Sportsgrounds

Parks and Landscape Team and sportsground users are responsible for checking the risk management aspects of sportsfields.	<ul style="list-style-type: none"> Parks and Landscape to check sportsgrounds on a regular basis in accordance with the internal Service Level Agreement. Users are required to check grounds immediately prior to use to determine if appropriate for play as part of their licence conditions. 	MPL (PAT / PSU)	O	<ul style="list-style-type: none"> Sportsgrounds are checked regularly by Parks and Landscape Team in accordance with the Service Level Agreement. Users are aware of their responsibility to check sportsgrounds for safety prior to play.
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2.5B User Groups Public Liability

Sports clubs, school and other organised groups using parks and sportsgrounds have appropriate public liability cover as required by Council.	<ul style="list-style-type: none"> Appropriate levels of cover are determined through consultation with the Risk and Insurance Manager. Ensure organised user groups have appropriate insurance cover as required, before grounds are allocated. 	MPL / MRI	O	<ul style="list-style-type: none"> Risk and Insurance Manager is consulted. Organised user groups have appropriate insurance cover prior to using facilities in parks and sportsgrounds.
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2.6 GENERAL USE: DOGS, FIREWORKS, FAIRS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.6A Dogs Encourage responsible exercising of dogs within parks and sportsgrounds and provide leash free dog runs where appropriate.	<ul style="list-style-type: none"> Notices are erected in parks and sportsgrounds regarding responsibility of dog owners. Provide a number of leash free dog runs in appropriate parks and sportsgrounds. Following investigations, Reserves notices are amended if required to allow for provision of leash free dog runs. 	MPL	S	<ul style="list-style-type: none"> Reserves notices are erected in parks and sportsgrounds. Council consider provision of leash free dog runs in appropriate parks. Reserves notice is amended if required to allow for leash free dog run.

2.6B Use of Fireworks in Reserves

Use of fireworks within parks and sportsgrounds comply with Council and Work Cover requirements for such activities.

- Proposals for fireworks displays have Council's development consent where necessary and Work Cover Authority consent.

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- Proposals have approved Development Applications and approval from Work Cover Authority as required.

2.6C Circuses, Fetes and Fairs

Circuses, fetes and festivals within parks and sportsgrounds comply with Council's requirements for certification and insurance.

- Ensure parks and sportsgrounds are not allocated for use by circuses using wild and exotic animals.
- Ensure any circus, fete or festival has the appropriate certification for amusement equipment and insurance as required by Council's Risk and Insurance Manager.

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- No circuses using wild and exotic animals take place in parks and sportsgrounds.

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- Licences for circuses, fetes and fairs are only granted to applicants with appropriate certification and insurance.

2.7 USE FOR ACCESS OR STORAGE

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.7A Aircraft and Vehicular Access				
Restrict access into parks and sportsgrounds to maintenance and emergency vehicles as required.	<ul style="list-style-type: none"> Prevent general aircraft and vehicular access to unauthorised areas of parks and sportsgrounds by use of fencing and gates. Provide opportunities for access of maintenance and emergency vehicles as required. Aircraft landings restricted to emergency services and occasional approved community fundraising events. 	MPL MPL MPL	O O	<ul style="list-style-type: none"> General vehicular and aircraft access into parks and sportsgrounds is restricted. Emergency and maintenance vehicle and aircraft access is provided as required.

2.8 COMMUNITY AND NEIGHBOUR ISSUES

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
2.8A Boundary Management				
Encourage good neighbour relations with surrounding properties while ensuring private use of community land only occurs in accordance with the guidelines established in the Local Government Act.	<ul style="list-style-type: none"> Respond promptly to complaints from adjoining properties where complaints relate to use of parks and sportsgrounds. Inform adjoining landholders of requirements of Local Government Act to prevent private use of community land. Consult with sporting groups where negative impacts are directly associated with their use. If negative impacts associated with a particular group continue, consider reallocating fields to other sports. 	MPL MPL MPL	O S O	<ul style="list-style-type: none"> Adjoining properties are informed of legal limitations regarding private use of community land. Sporting groups are given opportunity to address problems internally before Council considers reallocation of ground.

2.8B Community Advertising

Allow opportunity for community advertising within parks and sportsgrounds.

<ul style="list-style-type: none"> • Comply with requirements of Exempt and Complying Development DCP for signs, sign displays, community banners and notices. 	MPL	O	<ul style="list-style-type: none"> • Only complying signs and banners are displayed in parks and sportsgrounds.
<ul style="list-style-type: none"> • Ensure signage complies with the Outdoor Advertising DCP in relation to Community Advertising where required. 	MPL	O	<ul style="list-style-type: none"> • Advertising signage complies with the Outdoor Advertising DCP as required.
<ul style="list-style-type: none"> • Remove signage which does not comply with the DCP. 	MPL	O	<ul style="list-style-type: none"> • Illegal signs are removed.

3.0 ACTION PLAN FOR NATURAL AREAS

3.1 BUSHLAND AND BIODIVERSITY PROTECTION

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.1A Maintenance of Biodiversity				
Bushland Management programs aim to conserve, restore and enhance the Shire's biodiversity.	<ul style="list-style-type: none"> Continued funding of bush regeneration and restoration. Seek grant funding for environmental restoration works that conserve biodiversity. Co-ordinate all bush regeneration and noxious weed control programs for the best strategic outcome. Implement Council's Biodiversity Strategy for the Shire to direct operational programs. Effectiveness of bushland management programs is monitored through time. 	MBB	O	<ul style="list-style-type: none"> Healthy diverse natural areas. Participation in biodiversity monitoring programs.

3.1B Restoration and Regeneration of Bushland, Escarpments, Foreshores and Watercourses

Bushland, escarpments, foreshores and watercourses affected by weed invasion are to be regenerated and restored.	<ul style="list-style-type: none"> A restoration and regeneration program is to be implemented in areas affected by weed invasion using appropriate bush regeneration techniques. Bushland regeneration programs initiated ensure that resources are allocated for continued maintenance and conservation of natural areas through time. 	MBB	As funding permits O	<ul style="list-style-type: none"> Bushland health is improved through restoration. Bushland health is maintained through time.
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3.1C Total Catchment Management

Natural areas are restored using total catchment management principles.	<ul style="list-style-type: none"> Council's bush regeneration strategy and on going works programs are in line with Total Catchment Management and integrated management principles. 	MBB	O	<ul style="list-style-type: none"> Total catchment management principles are used in restoration projects.
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3.1D Conservation of Native Fauna Habitat

Native fauna is protected and habitat conserved in natural areas.	<ul style="list-style-type: none"> Restoration work is to consider impacts on native fauna and enhance fauna habitat. Dead trees are not removed from natural areas unless they pose a risk to life or property. Hollows from dangerous trees are relocated within the bushland areas where possible. Removal of firewood and the removal of bushrock are not permitted in natural areas. 	MBB	• O	<ul style="list-style-type: none"> Native fauna is diverse in natural areas. Fauna habitat is enhanced and conserved.
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3.1E Priority Given to Restoration of Threatened Biota Habitat

Threatened species, endangered populations and endangered ecological communities are a high priority for restoration and protection works.	<ul style="list-style-type: none"> The Threatened Biota Management Plan is implemented and continually updated. Databases for threatened species are continually updated. High conservation bushland is identified and prioritised for restoration. 	MBB	O	<ul style="list-style-type: none"> Stable and protected threatened species populations. Endangered ecological communities identified and conserved.
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3.1F Fauna Corridors Maintained and Enhanced

Fauna corridors and urban links are maintained and enhanced.	<ul style="list-style-type: none"> Implement the recommendations of the Development and Management of Fauna Corridors report. Continue to promote public education on fauna corridors and native fauna conservation. 	MBB	O As funding permits	<ul style="list-style-type: none"> Fauna Corridors and links are maintained and enhanced.
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3.1G Minimise Impacts of Activities on Bushland

Activities in community land bushland will be undertaken only with compliance of all relevant legislation with the overall aim of protection and conservation of bushland.	<ul style="list-style-type: none"> • Ensure that all activities in bushland are assessed for potential environmental impacts. • Ensure that all activities are carried out with consideration of bushland protection and include regeneration and mitigation works. 	HSC / P	O	<ul style="list-style-type: none"> • Protection of natural areas
Landscaped and park areas adjacent to natural areas should be well maintained to prevent weed propagules entering bushland areas where resources allow.	<ul style="list-style-type: none"> • Maintain landscaped areas of community land to assist in protecting bushland from additional weed invasion. • Create buffer zones and borders between landscaped areas and natural areas. 	HSC	O	<ul style="list-style-type: none"> • Landscaped areas do not impact on bushland and genetic integrity is maintained. • Protection of natural areas from weed invasion.

3.1H Revegetation and Landscaping Adjoining Bushland

Revegetation and landscaping work adjoining natural areas should be composed of locally occurring indigenous plants.	<ul style="list-style-type: none"> • Revegetation and landscaping works on community land are designed sourcing indigenous plant species. 	HSC	O	<ul style="list-style-type: none"> • Genetic integrity of natural areas is maintained.
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3.1I Rehabilitation of Adjoining Community Land – Species Selection

Indigenous species should be used to rehabilitate degraded areas of community land adjoining natural areas.	<ul style="list-style-type: none"> • Revegetation and landscaping works on community land adjoining natural areas should be composed of locally occurring indigenous plants. 	HSC	O	<ul style="list-style-type: none"> • Locally indigenous plant material is utilised in all rehabilitation and landscaping works on community land adjoining natural areas.
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3.1J Restoration of Grass Areas

Surplus grassed areas on community land adjacent to natural areas may be reclaimed for planting of indigenous vegetation to increase buffer zones and promote ecological sustainability and bio-diversity.	<ul style="list-style-type: none"> Identify grassed areas of community land surplus to the needs of active and passive recreation. Plant areas with indigenous vegetation or hold community planting days where appropriate. Ensure ongoing funding for maintenance of planted areas is available within the restoration project. 	MPL / MBB	O	<ul style="list-style-type: none"> Increased biodiversity of bushland remnants.
		HSC	As funding permits	
			O	

3.1K Works and Parks Staff Training In Bushland Management Best Practice

Integrated bushland management is achieved across Council divisions.	<ul style="list-style-type: none"> Pursue in-house training of staff in native vegetation best management practices and protection measures. Effective communication is in place for any projects adjacent or near natural areas. 	MBB	M	<ul style="list-style-type: none"> Good environmental management throughout Council divisions.
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3.1L Bushland Staff Training in Current Bushland Management Best Practice

Bushland Management Programs are based on current research and techniques.	<ul style="list-style-type: none"> Ensure all bushland staff are trained in current techniques. Pursue research opportunities with educational institutions and other agencies. 	MBB	O	<ul style="list-style-type: none"> Participation in bushland management research programs.
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3.2 COMMUNITY INVOLVEMENT AND AWARENESS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.2A Bushcare Program Bushcare activities are encouraged and well managed.	<ul style="list-style-type: none"> Hornsby Bushcare is well resourced and staffed to encourage and support community Bushcare activities. Volunteer Bushcare work is done according to the Bushcare Code. Bushcare groups are serviced with tools, materials and professional training. Encourage sustainable practices and on site composting of weeds on Bushcare sites. Promote and give recognition to community groups for Bushcare activities. 	MBB	O	<ul style="list-style-type: none"> Bushcare Groups are well managed and caring for an increased amount of the Shire's bushland.
Community involvement and participation is fostered within bushland management.	<ul style="list-style-type: none"> Community planting days are supported and resourced. Community education and awareness programs are undertaken to promote biodiversity and natural area management. Weed busters week and National Biodiversity month activities are undertaken. 	MBB	O	<ul style="list-style-type: none"> Natural areas managed with an informed and involved community.
3.2B Community Nursery Council's community nursery is accessible to Bushcare volunteers and residents.	<ul style="list-style-type: none"> Council's nursery will provide materials and facilities for community volunteers. Actively promote biodiversity through participation in the community nursery program. 	MBB	O	<ul style="list-style-type: none"> Community actively involved in biodiversity conservation.

3.2C Scientific and Educational Projects

Scientific and educational projects within community land natural areas are allowable with permission.	<ul style="list-style-type: none"> Approval in writing may be given by the land manager to students, research facilities, or learning institutions where it is considered that the project has a low impact on the environment and is consistent with the aims and objectives of this Plan of Management to conserve natural areas. 	MBB	O	<ul style="list-style-type: none"> Educational research and learning about the environment is fostered.
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3.3 BOUNDARY MANAGEMENT

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.3A Demarcation of Boundaries The boundary of natural areas should be well defined to minimise the impact of any negative external influences.	<ul style="list-style-type: none"> Investigate methods for clearly defining the natural area such as signage, log barriers or fencing. 	MBB / MPL / NL	L	<ul style="list-style-type: none"> Natural area is well-defined.
3.3B Encroachments Encroachments such as garden extensions, structures, or any private use of public, community or crown land is prohibited.	<ul style="list-style-type: none"> Work co-operatively with Council's rangers and property owners to remove existing encroachments. Ensure that no new encroachments on public land occur, through an increased Council compliance role. Encourage neighbours to create and maintain buffer zones on private land bordering bushland. 	HSC / MPL (PSU) MBB	L O	<ul style="list-style-type: none"> Intact natural areas with no encroachments.

3.3C Dumping of Garden and Other Waste

Dumping of garden clippings and rubbish is prohibited in natural areas.

- Increase public awareness through an education program.
- Investigate dumping events and seek prosecutions.
- Issue on the spot fines when possible.

MPL /
MWM

O

- No dumped rubbish or garden clippings in bushland.

3.4 DOMESTIC AND FERAL ANIMAL CONTROL

Management Statement

Action

Mgt
Team

Time
Frame

Performance Measures

3.4A Domestic Animals

Domestic animals are controlled on public land.

- Encourage responsible pet ownership through a public education campaign.
- Impoundment of free roaming dogs under the Companion Animals Act.

MEHP

M/ O

- Responsible pet ownership results in very low impact on native fauna populations.

3.4B Feral Animals

The impact of feral animals on native fauna is minimised.

- Develop and implement a humane feral animal control program for target species as appropriate.
- Continue to implement the fox control program in co-operation with regional land managers.

MBB

O

- Feral animal control is undertaken in Council managed natural areas.

MEHP

3.5 BUSH FIRE MANAGEMENT

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.5A Fuel Loading				
Bushland fuel loads are managed on the urban interface at acceptable levels with the Rural Fire Service (RFS).	<ul style="list-style-type: none"> Bushfire management activities are in line with the approved District Fire Risk Management Plan. Fuel loadings will be monitored in bushland areas. Hazard reduction programs will be undertaken in bushland reserves as required and in conjunction with bush regeneration where appropriate. REFs or Environmental Impact Assessment Code will be prepared for all hazard reduction activities. 	RFS	O	<ul style="list-style-type: none"> Bushland fuel loads are managed to reduce bushfire risk.
3.5B Asset Protection Zones				
Asset protection zones in new land releases, subdivisions and developments are provided on the private property in areas adjoining bushland reserves.	<ul style="list-style-type: none"> For new developments adjoining bushland reserves, asset protection zones and perimeter roads and trails will be provided on private property. In developed areas Inner Protection Zones will generally occur on the private property. 	MBB	O	<ul style="list-style-type: none"> Developments provide asset protection and fire fighting access within the private property.
3.5C Fire Trails				
Fire Trails within natural areas are maintained and upgraded to best management standards.	<ul style="list-style-type: none"> Fire trails are maintained according to Council's code for Fire Trails and RFS standards. 	RFS	O	<ul style="list-style-type: none"> Fire trails are maintained using best environmental practice to a high standard.

Fire Trail maintenance activities are undertaken in an environmentally sensitive way to ensure minimal impact on natural areas.	• REF's are undertaken for any fire trail construction and upgrade works.	RFS	O	• Fire trails are maintained using best environmental practice to a high standard.
	• Best environmental practice and mitigation measures are undertaken within works to reduce erosion and sediment and vegetation damage.	MBB		
	• Mountain Bike Riding is allowable on fire Trails managed by Council.			

3.6 WALKING AND RECREATION

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.6A Formal Bushwalking Tracks				
Formalised bushland tracks are provided in natural areas for passive recreation such as bushwalking and bushland education.	• Formalised bushland tracks are constructed and maintained to recognised standards in accordance with recognised community needs.	MBB	O	• High quality, low impact bushland walking tracks are provided for passive recreation.
	• REF's are undertaken for the construction or major upgrade of any walking tracks through bushland.		S	
	• Develop and implement a risk assessment and track upgrade program.		L	
	• Cumulative environmental impacts of the recreational and educational use of tracks are monitored.			
	• The use of walking tracks for mountain and other bike riding and horse riding is prohibited, unless specifically authorised and signposted.			

3.6B Informal Trails and Recreation

The introduction and use of informal trails and bike tracks through natural areas is discouraged.	<ul style="list-style-type: none"> • Unnecessary informal trails to be closed, stabilised and regenerated. • The use of informal trails for mountain and other bike riding is prohibited. • Actively discourage public passage through to privately owned property. 	MBB	L	<ul style="list-style-type: none"> • Fragmentation and erosion is minimised in natural areas.
	The use of neighbourhood parks, track-heads and facilities adjoining natural areas are utilised for passive recreation.	MBB / MPL	O	<ul style="list-style-type: none"> • Provision of compatible passive recreational facilities.

3.7 INTERPRETIVE SIGNS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.7A Interpretive Signs Interpretive signage and environmental education is encouraged where appropriate on walking tracks.	<ul style="list-style-type: none"> • Interpretive signage is installed in strategic sites when it provides and promotes community awareness and environmental education. • Visual and environmental impact is considered prior to approval of interpretive signage. 	MBB	O	<ul style="list-style-type: none"> • Greater public awareness and understanding of the natural area environment.

3.8 WATERCOURSES

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.8A Minimise Impacts of Developments and Activities on Watercourses				
Developments and activities are undertaken using best management practices for water sensitive design.	<ul style="list-style-type: none"> DA's and REF's are continued to be assessed to include best practice in accordance with Total Catchment Management (TCM) principles and stormwater management plans to ensure minimal impacts to bushland. 	MWC		<ul style="list-style-type: none"> Sustainable development.
3.8B Remediation and Restoration of Watercourses				
Pursue remediation and enhancement of water courses through natural areas.	<ul style="list-style-type: none"> Continue to utilise the Catchment Remediation Rate (CRR) program to address urban runoff in natural areas. 	MWC	O	<ul style="list-style-type: none"> Water quality pollutants are reduced in natural areas.
Minimise pollutant impacts on bushland and riparian vegetation.	<ul style="list-style-type: none"> CRR devices and adjacent landscaping will use locally occurring indigenous native plants and will be maintained. Sites for CRR devices should be placed adjacent to bushland in preference to sites within bushland. 			<ul style="list-style-type: none"> Bushland remnants not compromised by CRR devices.
Riparian restoration includes restoration of natural creek processes and riparian vegetation.	<ul style="list-style-type: none"> Riparian restoration considers both vegetation corridors and creek processes. Grant funding is pursued for riparian restoration projects. 	MBB	O	<ul style="list-style-type: none"> Natural riparian corridors are restored.

3.9 AUTHORITIES' WORKS AND PROJECTS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.9A Submissions on Proposed Projects				
Council will stay informed on State or Federal proposals which impact on bushland.	<ul style="list-style-type: none"> Council officers will assess and make submissions to any State or Federal proposals which fragment or negatively impact on Hornsby's bushland environment. 	MBB	O	<ul style="list-style-type: none"> Hornsby's bushland environment is considered in State or Federal proposals.
3.9B Liaison Regarding Works				
Effective liaison is pursued with other government authorities undertaking works within Council managed natural areas.	<ul style="list-style-type: none"> Liaison with government bodies such as Sydney Water, RTA and Pacific Power is undertaken prior to works being undertaken in natural areas. 	HSC	O	<ul style="list-style-type: none"> Works within bushland by other authorities is integrated and mitigated.

3.10 STRATEGIC PLANNING AND ASSESSMENT OF DEVELOPMENTS

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.10A Strategic Planning				
Natural Areas are conserved through appropriate planning instruments.	<ul style="list-style-type: none"> Develop planning instruments to assist in biodiversity conservation. Bushland reserves created through the planning process are viable, have high conservation value and included within Councils Asset Management system. 	MTPS MPA	S and O	<ul style="list-style-type: none"> Ecologically Sustainable Development.
High conservation bushland is conserved through the planning process.	<ul style="list-style-type: none"> Fragmentation of bushland areas should be minimised and discouraged within the planning process. 			

3.10B Development Assessment

DA assessment is undertaken for impacts to bushland as well as conservation of bushland reserves.

<ul style="list-style-type: none"> • Continue development application assessment for developments impacting on or adjoining natural areas. • Fragmentation of bushland areas should be minimised and discouraged within the planning process. 	<p>MTPS</p> <p>MBB</p>	<p>S and O</p>	<ul style="list-style-type: none"> • Ecologically Sustainable Development.
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High conservation bushland is conserved through the planning process.

3.11 FUNDING

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
3.11A Adequate Funding Resources for Bushland Regeneration and Restoration				
Funding is sought to ensure appropriate resources are available prior to undertaking regeneration and restoration programs.	<ul style="list-style-type: none"> • Continued funding of programs by Council. • Grant funding is sought for restoration projects from all possible sources. • Professional bush regenerators are employed to undertake restoration programs wherever possible. 	MBB	O	<ul style="list-style-type: none"> • Restoration and regeneration projects are viable and appropriately funded.

4.0 ACTION PLAN FOR AREAS OF CULTURAL SIGNIFICANCE

4.1 ABORIGINAL HERITAGE

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
4.1 A Aboriginal Archaeological Sites Aboriginal archaeological sites are protected.	<ul style="list-style-type: none">Aboriginal sites are managed according to National Parks and Wildlife Service (NPWS) guidelines.Any new sites discovered are recorded and reported to the NPWS and the Metropolitan Local Aboriginal Land Council.The location of fragile and sensitive sites is kept confidential.Potential impacts and mitigation measures are considered prior to any bushland or bushfire mitigation works, or any other works are undertaken near any Aboriginal sites .	MBB/ MPL	O	<ul style="list-style-type: none">Aboriginal Heritage is protected in natural areas.

4.1B Aboriginal Anthropological Sites

Aboriginal anthropological sites are protected.	<ul style="list-style-type: none">Aboriginal sites are managed according to National Parks and Wildlife Service (NPWS) guidelines.Any new sites discovered are recorded and reported to the NPWS and the Metropolitan Local Aboriginal Land Council.The location of fragile and sensitive sites is kept confidential.Potential impacts and mitigation measures are considered prior to any bushland or bushfire mitigation works, or any other works are undertaken near any Aboriginal sites.	MBB/ MPL	O	<ul style="list-style-type: none">Aboriginal Heritage is protected in natural areas.
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4.1C Liaison with the Aboriginal Community

Council will liaise with the Aboriginal community concerning management of sites on community and Crown land.

- Council will liaise with:
- the National Parks and Wildlife Service.
 - the Metropolitan Local Aboriginal Land Council and other relevant Local Aboriginal Land Councils.
 - other Aboriginal groups.

MBB/
MPL

O

- Aboriginal Heritage is protected in consultation with the traditional Aboriginal owners of the land.

4.2 EUROPEAN CULTURAL HERITAGE

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
4.2A Cultural Heritage European cultural heritage sites and items are protected.	<ul style="list-style-type: none"> • Council's heritage planner is consulted regarding any cultural heritage sites. • Potential impacts and mitigation measures are considered prior to any bushland or bushfire mitigation works, or any other works are undertaken near any cultural heritage sites or items. 	MTPS/ MBB MPL	O	<ul style="list-style-type: none"> • Cultural heritage sites and items are protected in natural areas.

5.0 ACTION PLAN FOR AREAS OF GENERAL COMMUNITY USE

5.1 STANDARD OF COMMUNITY CENTRES

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
5.1A Halls and Equipment Centres / facilities will be available for use by the community at an acceptable standard.	<ul style="list-style-type: none"> Management Committees will ensure that halls and equipment are inspected on a regular basis. 	MC / MCS	O	<ul style="list-style-type: none"> Clearance at bi-annual inspections by Council.

5.2 EQUITY AND ACCESS TO COMMUNITY CENTRES/ OTHER COMMUNITY ASSETS AND FACILITIES

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
5.2A Access Centres / facilities are available for use by all sections of the community.	<ul style="list-style-type: none"> Hiring policies of Centres / facilities are inclusive. Removal of barriers to access by people with disabilities and strollers. 	MCS	O	<ul style="list-style-type: none"> No restrictive clauses in hiring conditions. Centres / facilities and amenities are wheel chair accessible.

5.2B Equity

Council will provide fair and equitable opportunities to community facilities for community groups.

<ul style="list-style-type: none"> Leases and licences are considered where activities comply with the core objectives of the Local Government Act (s.36E – 36N) and the zoning as set out in the Hornsby Shire LEP 1994. Leasing and licensing of community facilities will be in accordance with Council's Policies CSISAS 12 – Delegation of Authority to Grant Lease / Licence Agreements, CSISAS 13 – Use of Council Buildings by Kindergartens and CSISAS 14 – Lease/Licence of Council Land). Council will call for Expressions of Interest for leasing and licensing where appropriate. 	<p>MCS / MCC</p> <p>MCS / MCC</p> <p>MCS / MCC</p>	<p>O</p>	<ul style="list-style-type: none"> Leases and licences are granted only where activities comply with the core objectives of the Local Government Act and with the Hornsby Shire LEP 1994. Leases and licences are granted in accordance with Council Policies CSISAS 12, CSISAS 13 and CSISAS 14. Expressions of Interest are called for by Council where appropriate.
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5.3 FEES AND AUDIT

Management Statement

5.3A Fees and Charges

Fees charged are fair and reasonable.

Action	Mgt Team	Time Frame	Performance Measures
<ul style="list-style-type: none"> Fees charged for the use of Community Centres / facilities are equivalent to those charged for similar facilities. 	<p>MC / MCS</p>	<p>O</p>	<ul style="list-style-type: none"> Fees are submitted for review by Council each year.

5.3B Auditing

No profits shall be made from the operation of Centres / facilities.

<ul style="list-style-type: none"> Income and expenditure of Community Centres are reviewed on a regular basis by Management Committees and accounts forwarded to the Finance Branch. 	<p>MC / MCS / MF</p>	<p>O</p>	<ul style="list-style-type: none"> Audit of Income and Expenditure.
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5.4 RISK MANAGEMENT

Management Statement	Action	Mgt Team	Time Frame	Performance Measures
5.4A Community Centres/ Facilities				
Centres / facilities are maintained at legally prescribed safety standards.	<ul style="list-style-type: none"> Periodic review and inspection of Community Centres by Management Committees. 	MC / MCS / MRI	O	<ul style="list-style-type: none"> Risk and safety audits completed successfully.
5.4B Other Community Assets				
Other community assets / facilities are maintained at legally prescribed safety standards.	<ul style="list-style-type: none"> Periodic review and inspection by asset managers. 	MA	O	<ul style="list-style-type: none"> Risk and safety audits completed successfully.

PART 111 – CATEGORISATION MAPPING & ASSET INFORMATION

As required under the Local Government Act, Part 3 contains maps of community land in District 6. For the purpose of consistent approaches to land management, Crown land under Council's care, control and management has also been categorised and mapped.

Basic asset information is provided for all land in District 6 under Council's care, control and management (community and Crown land). Asset information provided includes:

- Land use and condition;
- Level of service grading (where applicable);
- Existing leases on community land;
- Identification of community land with a heritage listing; and
- Identification of community land that will be the subject of a future significant Plan of Management.

ARCADIA

Property	Arcadia Park
Reserve No.	159
Oracle Fixed Asset No.	105497
Matman Equipment No.	2.159.0.0.0.0
Address	127X Arcadia Road, Arcadia
Lot & DP	Lot 76 DP 752048 (Freehold)
Area	152,853 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Sportsground, Park, General Community Use, Natural Area
Subcategories	Bushland, Watercourse (<i>Calabash Creek</i>)
Recategorised since Last POM	No
Relationship to Other Plans	Supersedes the specific Plan of Management adopted in May 2001. Will be included in Significant Areas (Bushland) Plan of Management when it is reviewed

Description & Site Analysis

Four elements described separately below form distinctive settings within Arcadia Park including Bushland, the Sportsfield and associated open space, the Fire Brigade precinct, and the former tip site at the northeastern corner of the site

Facilities Provided – Sportsfield Arena

- Sportsfield
- Astro turf Cricket pitch
- Informal open space
- Toilets
- Picnic tables x 5 under cover of single shelter
- Water collection tanks from shelter and toilet block facilities
- 1 x 240L bin adjacent to park shelter
- Standard park rules sign
- 1.8m high chain mesh fence with barbed wire along former tip site boundary, northern side of oval
- Rural fence type with timber post and wire along eastern park boundary with adjacent residence

Facilities Provided – Arcadia Berrilee Volunteer Bush Fire Brigade

- Arcadia Berrilee Volunteer Rural Fire Service and Flag pole
- Timber seating
- Existing building for adapted re-use to be determined (former tip gateway toll)
- Telco Tower

Natural & Cultural Heritage – Park and Bushland

- Bushland open space
- Soil derived from Hawkesbury Sandstone with small area of Winamatta Shale
- Vegetation community C: *E. gummifera*, *E. haemastoma*, *E. oblonga* – Woodland
- Vegetation community A: *E. piperita*, *a. costata* – Open forest
- Vegetation Community TI: *Syncarpia glomulifera* - *E. paniculata* - *A. costata* Sydney Turpentine-Ironbark Forest
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- In 1942 Council purchased a 40 acre property following the death of the owner John Hastie, removed the old wooden home that had been the Arcadia Post Office and relocated the farm shed. In 1952 the Arcadia Berrilee Volunteer Rural Fire Service was located in Arcadia Park. Cricket was one of the earliest sports played on the park and still continues.

The former tip site remains closed to the public while natural processes are at work reducing pollutants from the ground. The sportsfield is beyond view to the right of picture



New environments are being created on the former tip site where this low point now contains a mini wetland, teeming with life



The bushland sector of the park contains rare species and is in good condition



The Arcadia Berrilee Rural Fire Service is situated at the street frontage and surrounded by the sportsfield and open space on three sides.



Conservation Status

- The threatened flora species: *Tetratheca glandulosa* and *Grevillea parviflora* have been recorded in this reserve
- Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*– a small area of this plant community is in Arcadia Park

Condition / Impacts

- Revegetation of the former tip site is in good condition with some annual weeds and exotic grasses invading the area
- The bushland has severe weed infestation along the drainage line with Lantana and Privet (KMC weed rating 2/4/3(3)) and this extends down to the creek. Bushland adjacent to the sportsfield has scattered weeds (KMC 1/3/1(2)) but is generally in fair to good condition
- The expanded sportsfield has been improved and is in good condition


Overall condition

Good

Management	<p>Main Weeds</p> <ul style="list-style-type: none"> • Privet, Lantana, Whiskey Grass, Kikuyu, Arundo, exotic grasses <p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Tree maintenance • Mowing • Cleaning and maintenance toilet facilities • Inspection and maintenance of water tanks • Maintenance of CRR leachate treatment device • Inspection and maintenance of sportsfield • Change of season sportsground works • Fertilising • Turfing worn areas • Topdressing • Spraying • Bushland / landscape regeneration works • Rabbit control by baiting • Rubbish collection, 2 x 240L bins (general waste and recycling) once a week <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • A leachate control device has been installed adjacent to this reserve at Arcadia Tip on Arcadia Road, Arcadia (Asset ID 50) • Further development of Park area on former tip site
Comments	<ul style="list-style-type: none"> • In 2006 the surface of the sportsground was regraded and improved to make it suitable for future soccer competition • The flat area of the former tip site, immediately to the north of the sportsground, will be made accessible for picnickers and visitors by removal of the fence, turfing and relocation of picnic facilities • There are informal tracks in the bushland area • There is a bridal trail along Bay Rd, adjacent to the road boundary of Arcadia Park • A rabbit problem exists in the Park, also impacting on revegetation areas. Baiting is undertaken annually • Bushland revegetation is taking place on the former tip site • A designated Wildlife Protection Area
Level of Service Grading Existing Leases	Medium None




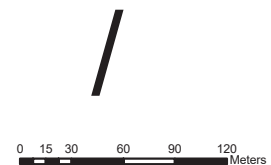
LEGEND: ARCADIA PARK

 Land Owner: Hornsby Shire Council

Land Categories: Natural Area,
Sportsground, Park (rehabilitation),
General Community Use

 Threatened flora species as noted

 Leachate control device (former tip site)



Property	Calabash Road Bushland
Reserve No.	147
Oracle Fixed Asset No.	229038
Matman Equipment No.	1.25.3.0
Address	Calabash Road (58 - 62), Arcadia
Lot & DP	Lot 233 DP 752048 (Crown Reserve R84500 for Rubbish Depot with Council notified as Trustees 1/11/1963)
Area	125,287 sq m
Zoning	Environmental Protection B (River Catchment) Rural AR (Large Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, watercourse (<i>tributary of Banks Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* - Woodland

Calabash Road Bushland






Conservation Status

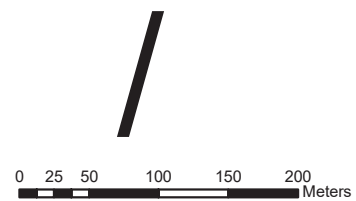
- Both of these plant communities are well conserved
- The threatened flora species: *Tetratheca glandulosa* and *Grevillea parviflora* have been recorded in this reserve

	<p>Condition / Impacts</p> <ul style="list-style-type: none"> This sandstone ridgetop bushland is in very good condition KMC (1/1/1(1) with only roadside exotic grasses noted. <p>Overall condition</p> <ul style="list-style-type: none"> Very good <p>Main Weeds</p> <ul style="list-style-type: none"> Whiskey Grass, African Lovegrass
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> Tree / vegetation roadside maintenance Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> None
Comments	<ul style="list-style-type: none"> There is a walking track (unmade Crown road) along the ridge that forms the northern boundary of this reserve.
Level of Service Grading	N/A
Existing Leases	None



LEGEND:
CALABASH ROAD BUSHLAND

-  Land Owner: Crown Land R84500 for Rubbish Depot. Council Trustees 1963
Land Category: Natural Area
-  Calabash Road Fire Trail
-  Threatened flora; *Tetratheca glandulosa*



Property	Halls Creek Reserve
Reserve No.	526
Oracle Fixed Asset No.	229032
Matman Equipment No.	1.69.3.0
Address	4X Bay Road, Arcadia
Lot & DP	Lot 7022 DP 93850 (Crown Reserve R87842 for Public Recreation with care, control and management devolving to Council- Halls Creek Reserve Trust)
Area	205,778 sq m
Zoning	Environmental Protection B (River Catchment) Rural AA (Large Holdings – Agricultural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however may occur if surveyed
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community C: *E. gummifera*, *E. haemastoma*, *E. oblonga*– Woodland

Halls Creek Reserve; rocky outcrops



Conservation Status

- Both these plant communities are well conserved

Condition / Impacts

- This bushland reserve is steep sandstone and in very good condition. There may be some weed infestation on the boundaries with surrounding rural properties and the creekline. The unmade road reserve which forms the only public access is very weed infested and in poor condition.

Overall Condition

- Very good

Management	<p>Main Weeds</p> <ul style="list-style-type: none"> • Lantana, Bridal Creeper, Whiskey Grass, Bidens within unmade road reserve <p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • N/A
Comments	<ul style="list-style-type: none"> • There is a large cleared area that appears to be an encroachment into the reserve from an adjoining rural property • The only public access is an unmade road off Bay Rd. and there are no trails
Level of Service Grading Existing Leases	<p>N/A None</p>



**LEGEND:
HALLS CREEK RESERVE**



Land Owner: Crown Land R87842
for Public Recreation. Care, control
and management devolves to Council

Land Category: Natural Area



0 25 50 100 150 200
Meters

Property Reserve No.	Sunnyridge Road Bushland
Oracle Fixed Asset No.	145
Matman Equipment No.	229029
Address	1,134.3.0
Lot & DP	21X Sunnyridge Road, Arcadia
Area	Lot 7008 DP 93790 (Crown Reserve R7146 for Water Supply and Access made in 1888 – care, control and management devolves to Council
Zoning	264,405 sq m
	Environmental Protection B (River Catchment)
	Rural AR (Large Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Colah creek and tributaries</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) however may occur if fully surveyed <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Vegetation community A: <i>E. piperita</i> -<i>A. costata</i>- open forest Vegetation community C: <i>C. gummifera</i>, <i>E. haemastoma</i>– Woodland Vegetation community D: <i>E. punctata</i>, <i>C. gummifera</i>, <i>E. haemastoma</i> – Woodland Vegetation community G: <i>E. haemastoma</i>, <i>A. hispida</i>, <i>Banksia ericifolia</i> – Low Open Woodland Vegetation community O1: <i>Ceratopetalum apetalum</i> – Warm Temperate Rainforest <p>Conservation Status</p> <ul style="list-style-type: none"> Vegetation community O1 - Warm Temperate Rainforest is poorly conserved in the Sydney region and is regarded as being of Regional Conservation Significance. <p>Condition / Impacts</p> <ul style="list-style-type: none"> From the limited survey no weeds were found and the bushland is in very good condition. There are likely to be weeds adjacent to the rural properties and possibly along the creek. <p>Overall condition</p> <ul style="list-style-type: none"> Very good <p>Main Weeds</p> <ul style="list-style-type: none"> Whiskey and other exotic grasses

Sunnyridge Road Bushland



Management

Recurrent Expenditure

- Bushfire mitigation

Exceptional Expenditure

- N/A

Comments


- There are high tension powerlines traversing this reserve
- The reserve is a very steep valley and adjoins private bushland
- There appears to be an encroachment from neighbouring rural property

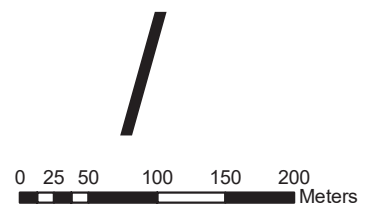
Level of Service Grading Existing Leases

N/A
None



**LEGEND:
SUNNYRIDGE ROAD BUSHLAND**

-  Land Owner: Crown Land R7146
for Water Supply and Access
Land Category: Natural Area



NB: For Description & Analysis of the two bushland reserves listed below, refer BEROWRA CREEK section; combined bushland entry titled Collingridge Bushland, Calabash Creek and Calabash Point Bushland:

Property	Calabash Creek Bushland - Refer Berowra Creek section, combined bushland entry; Collingridge Bushland, Calabash Creek, Calabash Road Bushland
Reserve No.	444
Oracle Fixed Asset No.	229049
Matman Equipment No.	1.23.3.0
Address	Calabash Creek, Arcadia
Lot & DP	Lot 7021 DP 93848 (Crown Reserve R45642 for Public Recreation with Care Control and Management Devolving to Council)
Property	Calabash Point Bushland - Refer Berowra Creek section, combined bushland entry; Collingridge Bushland, Calabash Creek, Calabash Point Bushland
Reserve No.	147
Oracle Fixed Asset No.	229027, 229031
Matman Equipment No.	1.24.3.0
Address	Calabash Creek, Calabash Road, Arcadia
Lot & DP	Lots 179 and 7009 DP 752048 (Crown Reserve R45642 for Public Recreation with care, control and management devolving to Council)

BAR ISLAND

Property	Bar Island – Refer also to specific Plan Of Management
Reserve No.	405
Oracle Fixed Asset No.	105330 - 105332
Matman Equipment No.	1.6.3.0
Address	Bar Island
Lot & DP	Lot 22A and Lot 23A DP 752040, (Freehold); Lot 24 DP 752040 (Crown Reserve R64999 for Public Recreation notified 1934 with Council made trustees)
Area	231,474 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown, Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area, Area of Cultural Significance
Subcategories	Bushland, Foreshore
Recategorised since Last POM	No
Relationship to Other Plans	The Bar Island Plan of Management (2003) is the current Plan of Management for this reserve. This District Plan of Management does not override the Bar Island Plan of Management

Description & Site Analysis

Facilities Provided

- Relics of cemetery and St. Johns Church
- Memorial
- Informal open space

Natural & Cultural Heritage

- Site contains significant Aboriginal relics and European heritage items listed as being of Regional significance and recommended for listing as State significance (Higginbotham 2003, S Lavelle & A Jean 1994, Koettig 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Narrabeen Sediments
- Vegetation Community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Woodland / Open Forest
- Vegetation community CS: *Casuarina glauca*, *Sporobolus virginicus*, *Suaeda australis* - Coastal Saltmarsh

Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance.
- Vegetation community CS is of State conservation significance as it is listed as an Endangered Ecological Community under the *Threatened Species Conservation Act* (1995) Coastal Saltmarsh in the NSW North Coast, Sydney Basin and South East Corner Bioregions
- A population of *Platysace clelandii* – a rare species - occurs on the southern section of the island
- A small population of the tree *Alphitonia excelsa* (Red Ash) – a locally restricted species - occurs on the western section of the island

Bar Island



Condition / Impacts

- The core bushland of the island is in very good condition.
- The areas around the Historic site and graveyard are being actively restored and are now in good condition. Woody weeds have been removed and there is continuing herbaceous and exotic grass weed infestation near the foreshore

Overall Condition

- Good

Main Weeds

- Lantana, Erharta, Vinca

Management

Recurrent Expenditure

- Tree maintenance
- Bush regeneration
- Maintenance of historic site

Exceptional Expenditure



- New wharf infrastructure
- Heritage grave restoration
- Walking track construction

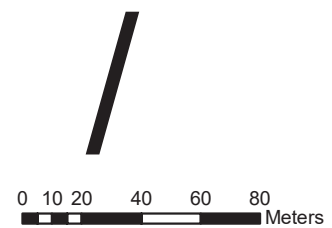
Level of Service Grading Existing Leases

Low
None



**LEGEND:
BAR ISLAND**

-  Land Owner: Hornsby Shire Council
-  Land Owner: Crown Land R64999 for Public Recreation with Council Trustees
- Land Categories: Natural Area, Area of Cultural Significance



BEROWRA CREEK

Property	Collingridge Bushland, Calabash Creek Bushland and Calabash Point Bushland
Reserve No's.	Collingridge 444 Calabash Pt 147
Oracle Fixed Asset No's.	Collingridge 229021 Calabash Ck. 229049 Calabash Pt. 229027, 229031
Matman Equipment No's.	Collingridge: 1.33.3.0 Calabash Ck: 1.23.3.0 Calabash Pt: 1.24.3.0
Address	Calabash, Berowra Creek
Lot & DP:	
Collingridge Bushland	Lot 7002 DP 752014 (Crown Reserve R45642 for Public Recreation with Care Control and Management Devolving to Council)
Calabash Creek	Lot 7021 DP 93848 (Crown Reserve R45642 for Public Recreation with Care Control and Management Devolving to Council)
Calabash Point	Lots 179 and 7009 DP 752048 (Crown Reserve R45642 for Public Recreation with care, control and management devolving to Council)
Area / total combined	2,120,576 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Calabash, Banks, Foster and Berowra Creek</i>), Foreshore (<i>Berowra Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998. Calabash Creek Bushland will be included in the Significant Areas – Bushland Plan of Management when it is reviewed

Description & Site Analysis

Facilities Provided

- Bushland open space
- Foreshore to Berowra Creek

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however likely to occur if surveyed
- Soil derived from Hawkesbury Sandstone, Narrabeen Group, and Quarternary alluvium

Collingridge, Calabash Creek and Calabash Point Bushland areas form bushland that surrounds Calabash Creek, converging on Berowra Creek



- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community D: *E. punctata*, *C. gummifera*, *E. haemastoma* – Woodland
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest
- Vegetation community 02: *Backhousia myrtifolia*- warm temperate rainforest
- Vegetation community W: Mangroves
- Vegetation community SO: *Casuarina glauca*-Open/Closed Forest

- Vegetation community CS: Coastal saltmarsh

Conservation Status

- Vegetation community CS and SO are of state conservation significance and listed under the *TSC Act* as Coastal Saltmarsh in the NSW North Coast, Sydney Basin and South East Corner Bioregions and SO as Swamp Oak Floodplain Forest
- Vegetation community 02 Warm temperate rainforest is of regional conservation significance
- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community – regional conservation significance
- Vegetation community W Mangroves is of local significance

Condition / Impacts

- All the core and ridgetop bushland is in very good condition KMC(1/1/1(1))
- The foreshore areas are all in very good condition and the mangroves all appear in good health.

Overall Condition

- Very good

Management

Recurrent Expenditure

- Bushfire mitigation
- Foreshore estuary management of mangroves and saltmarsh

Exceptional Expenditure

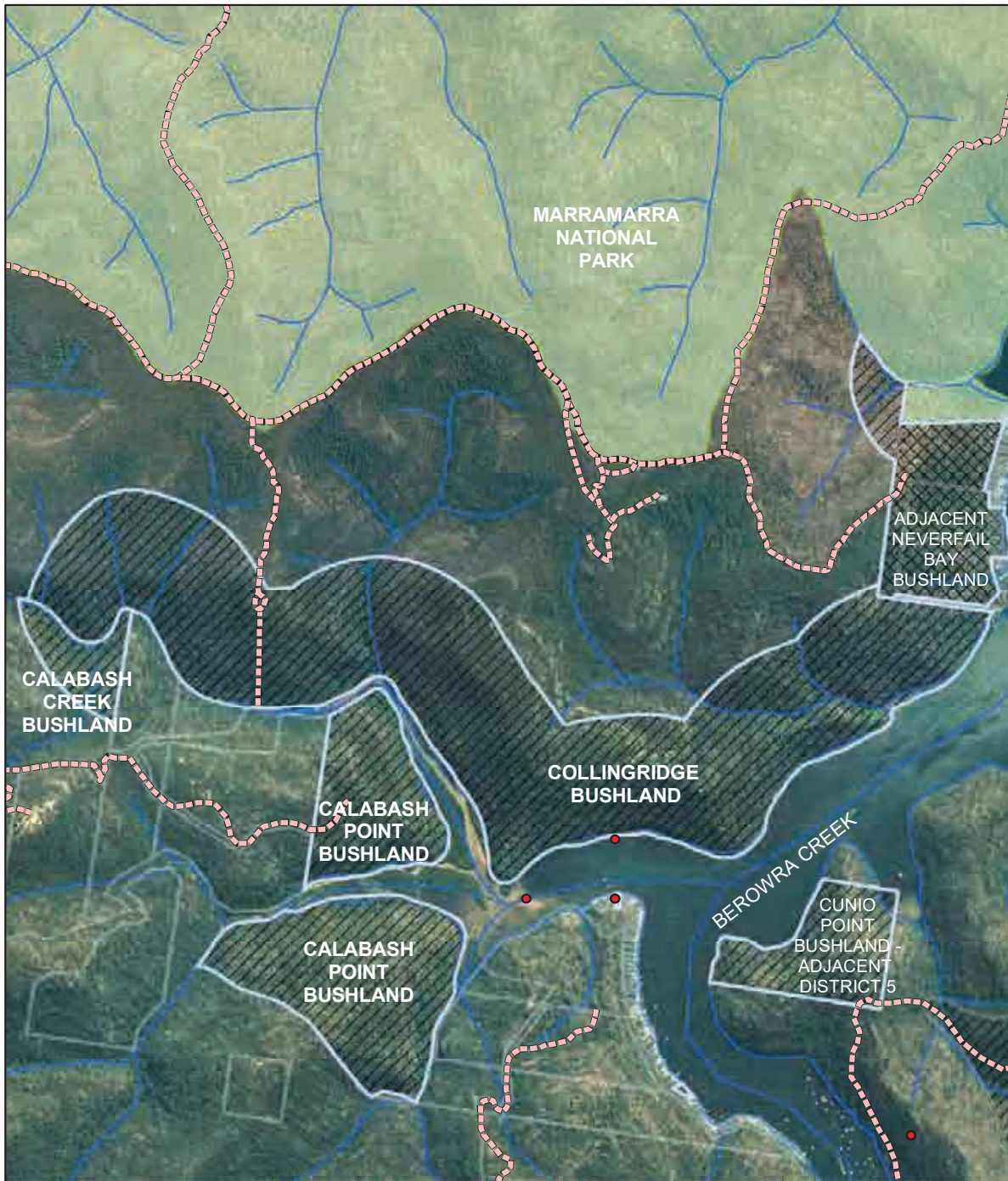
N/A

Comments

- These large areas of Council managed Crown reserves adjoin other large natural areas of Crown land which adjoin Marramarra National Park. The trail access is managed by crown lands
- The access to these areas is mainly by water only or off the crown fire trails. The bushland is generally steep and there are no formalised walking tracks
- There are powerlines running through this reserve to the residential area of Neverfail Bay

Level of Service Grading Existing Leases

N/A
None



**LEGEND:
COLLINGRIDGE BUSHLAND**

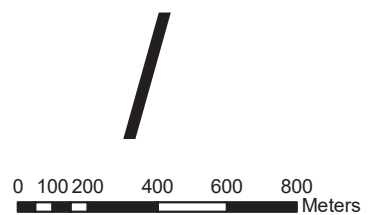


Land Owner: Crown Land R45642
with care, control and management
devolved to Council

Land Category: Natural Area



Fire Trails



Property Reserve No.	Neverfail Bay Bushland
Oracle Fixed Asset No.	444
Matman Equipment No.	105102, 105103, 229061
Address	1.107.3.0
Lot & DP	Calabash Point, Neverfail Bay Road, Berowra Creek Lot 18 DP 20441, Lot 18 DP 25543 (Freehold as Public Reserve), Lot 7001 DP 752014 (Crown Reserve R45642 for Public Recreation with care, control and management devolving to Council)
Area	256,397 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council, Crown
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Foreshore (<i>Berowra Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland and foreshore open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994), however likely to occur if surveyed
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* – Woodland
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest

Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance

Condition / Impacts

- The bushland on the ridgetops and downslope is in very good condition. KMC(1/1/1(1))
- There are some weeds along the residential/bushland interface, however these are generally minor and could be classified as good.
- The foreshore areas are in very good condition and the mangroves appear very healthy.

Overall Condition

- Very good

Main Weeds

- Lantana, exotic grasses, Fishbone Fern, Agave, Chinese Lantern, Cassia



Management

Recurrent Expenditure

- Tree maintenance
- Bushfire Mitigation

Exceptional Expenditure

- N/A

Comments




- This bushland adjoins MarraMarra National Park, Crown Land and residential properties along Berowra Creek at Neverfail Bay
- The Cobah ridge trail ends in this bushland. There is a good lookout at this point.
- There are many garden escapee weeds on private properties adjoining the Reserve

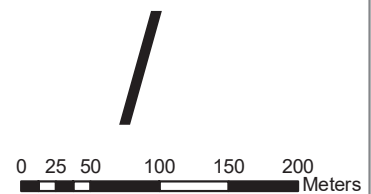
**Level of Service Grading
Existing Leases**

N/A
None



**LEGEND:
NEVERFAIL BAY BUSHLAND**

-  Land Owner: Hornsby Shire Council
-  Land Owner: Crown Land R45642 care, control and management devolves to Council
- Land Category: Natural Area
-  Coba Ridge Fire Trail



Property Reserve No.	Vacant Land - Cobah Point 1 and Cobah Point 2
Oracle Fixed Asset No	None
Matman Equipment No.	Cobah Pt 1: 105089 Cobah Pt 2: 105090
Address	Cobah Pt 1: 1.31.3.0 Cobah Pt 2: 1.32.3.0 Cobah Point, Berowra Creek
Lot & DP Area	Cobah Pt 1: Lot 12 DP 23821 Freehold as public reserve Cobah Pt 2: Lot 30A DP 24236 Freehold as public reserve
Zoning	Cobah Pt 1: 1,577 sqm Cobah Pt 2: 972 sqm Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council
Classification	Community
Community Land Category	Natural Area
Subcategories	Bushland, Foreshore (<i>Berowra Creek</i>)
Recategorised since Last POM	Not included in any former POM
Relationship to Other Plans	None

Description & Site Analysis

Facilities Provided

- Foreshore and bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however likely to occur if surveyed
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest

Cobah Point



Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community – a significant community in the Hornsby Local Government Area


Condition / Impacts

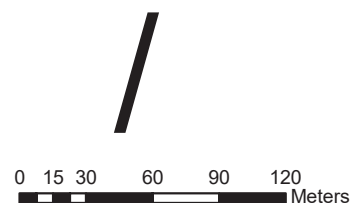
- Both of these blocks are in good condition with minor weed infestation.

	Overall Condition <ul style="list-style-type: none"> good
Management	Recurrent Expenditure <ul style="list-style-type: none"> Tree maintenance Bushfire mitigation Exceptional Expenditure <ul style="list-style-type: none"> N/A
Comments	<ul style="list-style-type: none"> There appears to have been some vegetation removal on Cobah Pt. 1 and evidence of rubbish dumping along the foreshore. There appears to be an encroachment of water tanks and other items on Cobah Pt. 2.
Level of Service Grading	N/A
Existing Leases	none



**LEGEND:
COBAH POINT**

-  Land Owner: Hornsby Shire Council
Land Category: Natural Area



BEROWRA WATERS

Property	Bay Road Bushland
Reserve No.	146
Oracle Fixed Asset No.	105421, 229023, 229035
Matman Equipment No.	1.7.3.0
Address	Bay Road, Berowra Waters Road, Dusthole Point, Berowra Waters
Lot & DP	Lot 185 DP 752048, (Crown Reserve R80810 for Public Recreation with Council Trustees notified in 1958), Lot 7010 DP 752048 (Crown Reserve R45642 for Public Recreation with care, control and management devolving to Council), Lot 7012 DP 752048 (Crown Reserve R76292 for Public Recreation with Council Trustees notified in 1954)
Area	114,896 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Crossland Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however possible if surveyed
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community F: *E. racemosa*, *C. gummifera*, *A. costata* – Woodland
- Vegetation community G: *E. haemastoma*, *A. hispida*, *Banksia ericifolia* – Low Open Woodland
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest
- Vegetation community O2: *Backhousia myrtifolia* - Warm temperate rainforest
- Vegetation community W: Mangroves

Bay Road Bushland contains open forest, woodlands, warm temperate rainforest gullies and mangroves along Crosslands Creek leading into Dusthole Bay / Berowra Creek



Conservation Status

- Vegetation community 02 Warm temperate rainforest is of regional conservation significance
- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance
- Vegetation community W Mangroves is of local significance

Condition / Impacts

- Bushland in very good condition KMC(1/1/1(1)
- There is some minor weed infestation at the downstream section where the reserve meets Dusthole Bay which would be rated as fair

Overall Condition

Very good

Main Weeds

- Lantana, Crofton Weed, Parramatta Grass, Watsonia

Management

Recurrent Expenditure

- Tree Maintenance
- Bushfire Mitigation

Exceptional Expenditure

- None
- There are no formalised walking tracks and access into bushland is steep and difficult
- There is access up the creek from the bottom of the reserve behind the playground at Dusthole Bay

Comments

**Level of Service Grading
Existing Leases**

N/A
None



**LEGEND:
BAY ROAD BUSHLAND**



Land Owner: Crown Land R76292
for Public Recreation with
Council made Trustees 1954

Land Category: Natural Area



0 25 50 100 150 200
Meters

Property	Dusthole Bay / Berowra Waters West Parkland
Reserve No.	180
Oracle Fixed Asset No.	229113, 229195
Matman Equipment No.	3.180.0.0.0
Address	129X Bay Road, Berowra Waters Road, Berowra Waters
Lot & DP	Lot 7020 DP 1057993 (Crown Reserve R91194 for boat ramp and car parking with Council Trustees), Permissive Occupancies 1974/39 for tidal baths and 1983/8 for community berthing
Area	253,981 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	General Community Use, Natural Area
Subcategories	Watercourse (<i>Crosslands Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998. This plan does not override the Berowra Waters Plan of Management prepared by Connell Wagner Pty Ltd on behalf of the Department of Land and Water Conservation and Hornsby Shire Council and adopted by Council on 1 September 1999. The Berowra Waters Plan of Management provides for the detailed management and development of this land

Description & Site Analysis

Facilities Provided

- Boat launching ramp and pontoon
- Car park
- Park and Playground
- Fishing; cleaning and washing facilities
- BBQ (covered x 2), Picnic shelters (x 2), open Picnic setting (x 2), bench seats
- Toilet block
- Bin recycling station
- Timber post and steel railing to eastern carpark interface with park
- Steel fence to playground
- Telegraph poles laid as edge to western carpark boundary

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest
- Vegetation community W: Mangroves – intertidal vegetation along Crosslands Creek at western park edge
- Marine environment including adjacent to eastern wall at Marina providing important Soft-bottom Benthos habitat (including layers of mud, silt sand and benthic organisms).

Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest community and is of regional conservation significance
- Vegetation community W is a significant community in the Hornsby Local Government Area

Condition / Impacts

- Carpark
- Mangrove community in good condition

Management

Recurrent Expenditure

- Tree maintenance
- Mowing
- Cleaning and maintenance of toilet facilities
- Maintenance of Catchment Remediation (pollutant trap and water treatment) devices
- BBQ cleaning and maintenance
- Fish cleaning tables and pontoon cleaning and maintenance
- Boat ramp cleaning and maintenance
- Line marking to carpark including car spaces, speed bumps and pedestrian crossing

- Rubbish collection, 12 x 240L plus recycling station, four times a week by commercial contractor
- Inspection and maintenance of playground equipment

Exceptional Expenditure

- Surface repairs to boat ramp and car park as required.
- Repairs to picnic and bbq facilities as required.
- Replacement of pontoon and fish cleaning facilities
- Playground repairs as required.

View looking north over parkland with water to right of picture



Comments

- A pit insert has been installed in this reserve to capture gross pollutants in the car park (Asset ID 107)
- An underground Rocla water treatment device has been installed adjacent to the boat ramp (Asset ID 105)
- An extension to the floating pontoon is planned
- The Berowra Waters Plan of Management provides for the construction of a multi-deck carpark, foreshore boardwalk and relocated picnic and play facilities

**Level of Service Grading
Existing Leases**

High
None



LEGEND: DUSTHOLE BAY

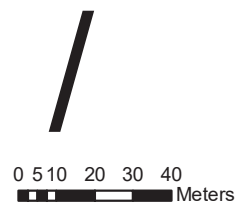


Land Owner: Crown Land R91194 for boat launching ramp and parking area with care, control and management devolving to Council PO (Permissive Occupancy) 1974/39 for tidal baths PO 1983/8 for community berthing

Land Categories: General Community Use, Natural Area



CRR devices



Property Reserve No.	Furber Park 180
Oracle Fixed Asset No.	105633 -105635
Matman Equipment No.	1.57.3.0
Address	Bay Road (83X, 130, 130A), Berowra Waters
Lot & DP	Lot 1 DP 318160, Lot 2 DP 1003377, Lot 1 DP 1093193(Freehold)
Area	375,951 sq m
Zoning	All zoned Open Space A (Public Recreation - Local) except part of Lot 1 DP 318160 and part of Lot 1 DP 1003193 which is zoned Environmental Protection B (River Catchment)
Land Owner	Hornsby Shire Council
Classification	Community [Note part of Furber Park, being part of Lot 1 DP 318160 and part of Lot 33 DP 14065, has been reclassified as operational land]
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community F: *E. racemosa*, *C. gummifera*, *A. costata* – Woodland
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest

Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance

Condition / Impacts

- The bushland upslope of the access road is in very good condition
- Behind the foreshore houses the bushland is in very good condition. KMC 1/1/1(1)
- There are many weed species on the road reserve along Bay Rd. and adjacent to private property

Overall Condition

- Very good

Main Weeds

- Coral Trees, Mother of Millions, Cotoneaster, Lantana, exotic grasses, all within road reserve

Furber Park foreshore



Management	Recurrent Expenditure <ul style="list-style-type: none"> • Tree maintenance • Bushfire mitigation
Comments	Exceptional Expenditure <ul style="list-style-type: none"> • N/A • There are no formalised tracks or easy access to this reserve. The bushland behind the residential properties is very steep • A designated Wildlife Protection Area • Part of Lot 1 DP 318160 and Lot 33 DP 14065 are classified as operational land and an easement to private property was created under Sec 88b of the Conveyancing Act.
Level of Service Grading	N/A
Existing Leases	None



LEGEND: FURBER PARK



Land Owner: Hornsby Shire Council

Land Category: Natural Area



Threatened flora on adjacent land to south of site



0 15 30 60 90 120 Meters

Property	Woolwash Bay
Reserve No.	32
Oracle Fixed Asset No.	10570-10588
Matman Equipment No.	1.142.3.0
Address	Berowra Creek (Woolwash Bay), Berowra Waters
Lot & DP	Lots 1-16, 18 & 19 DP 25755, Lot B 391873 (Freehold)
Area	75,712 sq m
Zoning	All zoned Open Space A (Public Recreation - Local) except Lots 18 & 19 DP 25755 which are zoned Environmental Protection B (River Catchment)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse, (<i>Berowra Creek</i>) Foreshore
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space
- Foreshore access to Berowra Creek

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community F: *E. racemosa*, *C. gummifera*, *A. costata* – Woodland
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community G: *E. haemastoma*, *A. hispida*, *Banksia ericifolia* – Low Open Woodland

Woolwash Bay



Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance

Condition / Impacts

- The bushland and foreshore vegetation is all in very good condition KMC1/1/1(1)

Overall Condition

- Very good

Main Weeds

- Some Fishbone Fern and Cape Daisy on boundary with the private property

Management

Recurrent Expenditure

- Tree maintenance
- Bushfire mitigation

Exceptional Expenditure

- N/A

Comments

- This reserve is water access only with no formalised tracks or access points

Level of Service Grading


N/A

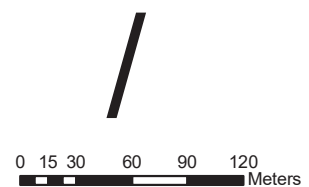
Existing Leases

None



LEGEND: WOOLWASH BAY

 Land Owner: Hornsby Shire Council
Land Category: Natural Area



Property Reserve No.	Vacant Land - Calabash Point 1 and Calabash Point 2
Oracle Fixed Asset No	556
Matman Equipment No.	Calabash Pt 1: 105807
Address	Calabash Pt 2: 105090
Lot & DP	none
Area	Calabash Point, Berowra Waters
Zoning	Calabash 1: Lot 13 DP 13591 Freehold as public reserve
Land Owner	Calabash 2: Lot 18 DP 202186 Freehold as public reserve
Classification	1: 1,290 sqm 2: 630sqm
Community Land Category	Open Space A (Public Recreation - Local)
Subcategories	Hornsby Shire Council
Recategorised since Last POM	Community Land
Relationship to Other Plans	Natural Area
	Bushland, Foreshore (<i>Berowra Creek</i>)
	No
	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Foreshore and bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however likely to occur if surveyed
- Vegetation community Q1: *A. floribunda*, *Allocasuarina torulosa* – Open Forest

Lot 13 DP 13591 – Open forest understorey



Lot 18 DP 202186 – Open forest understorey



Conservation Status

- Vegetation community Q1 comprises part of the Narrabeen Slopes Forest Community and is of regional conservation significance


Condition / Impacts

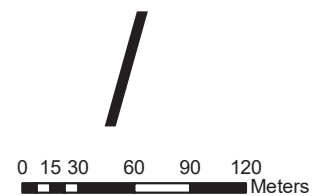
- The condition of both of these blocks are good with little weed infestation apparent

Management	Overall Condition <ul style="list-style-type: none">• Very good
	Recurrent Expenditure <ul style="list-style-type: none">• Bushfire mitigation• Tree maintenance
	Exceptional Expenditure <ul style="list-style-type: none">• N/A
Comments	<ul style="list-style-type: none">• Part of Calabash Pt. 2 has been reclassified as operational land to facilitate a land exchange with the neighbouring Lot 17
Level of Service Grading	N/A
Existing Leases	None



**LEGEND:
VACANT LAND CALABASH**

-  Land Owner: Hornsby Shire Council
Land Category: Natural Area



BERRILEE

Property	Charltons Creek Road Bushland
Reserve No.	146
Oracle Fixed Asset No.	229085
Matman Equipment No.	1.27.3.0
Address	4-6X Charltons Creek Road, Berrilee
Lot & DP	Lot 7016 DP 93851 (Crown Reserve R32084 for Public Recreation with care control and management devolving to Council)
Area	21,013 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	No as it has not been included in any former Plan of Management
Relationship to Other Plans	None

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however possible if surveyed.
- Soil derived from Hawkebury Sandstone
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* – Woodland

Conservation Status

- Vegetation community D is well conserved

Bushland view



Condition / Impacts

- Core of bushland is very good
- Areas of the reserve are in poor to very poor condition KMC1/4/4(4) and appear to have had past dumping problems
- The road edges are in fair condition with a lot of exotic grasses


Overall condition

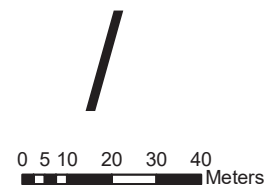
- Good

	Main Weeds <ul style="list-style-type: none">• Bridal Creeper, Lantana, Asparagus Fern, Fishbone Fern, Whiskey Grass, African Lovegrass, Parramatta Grass, a lot of Pittosporums
Management	Recurrent Expenditure <ul style="list-style-type: none">• Tree / roadside vegetation maintenance• Noxious weed control• Bushfire mitigation Exceptional Expenditure N/A
Comments	<ul style="list-style-type: none">• This bushland is level for a short distance and then drops very steeply with good views across a deep valley• Adjoins BVRP and is a possible future addition
Level of Service Grading	N/A
Existing Leases	None



**LEGEND:
CHARLTONS CREEK ROAD BUSHLAND**

-  Land Owner: Crown Lands with care, control and management devolved to Council
Land Category: Natural Area
Vegetation Community D: E.Punctata, E.Gummifera, E.Haemastoma - Woodland, Shale/ Sandstone Transition Forest



CANOELANDS

Property	Canoelands Rural Fire Service
Reserve No.	527
Oracle Fixed Asset No.	229210
Matman Equipment No.	8.140.30
Address	Old Northern Road, Canoelands
Lot & DP	Lot 104 DP 752029 (Crown Reserve R85554 for Rural Fire Service Purposes with Council made Trustees 26/5/1995, excluding an area 152 sq m at corner Telstra uses as exchange)
Area	2,530 sq m
Zoning	Rural AR (Large Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	General Community Use, Natural Area
Subcategories	Bushland
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Canoelands Bush Fire Station
- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* - Woodland

Bushland



Conservation Status

- Vegetation community D is well conserved
- The core bushland areas are in very good condition
- There are edge effect weeds around the station facility and along the road and trail edges.

Overall condition

- Good

Main Weeds

- Whiskey grass, Pampas Grass, African Lovegrass

Management

Recurrent Expenditure

- Tree maintenance
- Mowing
- Building maintenance
- Parking area maintenance

Exceptional Expenditure

- Repair and replacement of facilities as required due to wear and tear and vandalism
- Bushfire mitigation
- Noxious weed control

Comments

- Telecom exchange also located on this land parcel
- There is a short trail from the fire brigade building to some Telstra infrastructure

Level of Service Grading


Low

Existing Leases

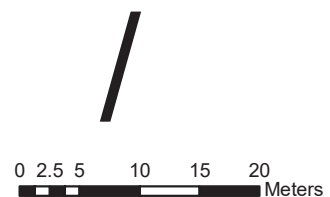
None




**LEGEND: CANOELANDS
RURAL FIRE SERVICE**

 Land Owner: Crown Lands R85554 for Bush Fire Brigade Purposes with Council Trustees

Land Categories: Natural Area, General Community Use



Property	Pumpkin Point Creek Bushland
Reserve No.	None
Oracle Fixed Asset No.	229025
Matman Equipment No.	1.118.3.0
Address	Pumpkin Point Creek, Canoelands
Lot & DP	Lot 7001 DP 93083 (Crown Reserve R45642 for Public Recreation with care, control and management devolving to Council)
Area	416,278 sq m
Zoning	Environmental Protection A (Wetlands) with small areas of Environmental Protection B (River Catchment)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Wetland, Watercourse, Foreshore
Recategorised since Last POM	Not previously included in a plan of management
Relationship to Other Plans	None. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Foreshore and estuarine wetland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) • Soil derived from Quaternary Alluvial Deposits • Vegetation Community W: Mangroves – intertidal vegetation • Vegetation Community CS: Saltmarsh • Vegetation Community SO: Swamp Oak Forest
River catchment	
	<p>Conservation Status</p> <ul style="list-style-type: none"> • Vegetation community CS and SO are of state conservation significance and listed under the <i>TSC Act</i> as Coastal Saltmarsh in the NSW North Coast, Sydney Basin and South East Corner Bioregions and SO as Swamp Oak Floodplain Forest • Vegetation community W is of local significance in the Hornsby Local Government Area <p>Condition / Impacts</p> <ul style="list-style-type: none"> • The mangrove wetland and the associated vegetation is in very good condition • There is some evidence of mangrove dieback in isolated areas <p>Overall condition</p> <ul style="list-style-type: none"> • Very good <p>Main Weeds</p> <ul style="list-style-type: none"> • None
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • None

Exceptional Expenditure

- Saltmarsh and mangrove health monitoring program

Mangrove Swamp and Saltmarsh exist within the reserve, of State Conservation Significance



Comments

- This is a significant mangrove swamp with areas of saltmarsh. A creek runs through the mangroves
- Access to one private property is gained via the creek and the reserve. This property is an inholding being land locked by this reserve and Marramarra National Park
- It is a significant habitat area surrounded by NPWS estate

Level of Service Grading


N/A

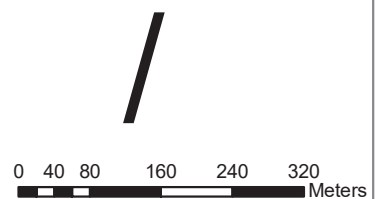
Existing Leases

None



LEGEND:
PUMPKIN POINT CREEK BUSHLAND

-  Land Owner: Crown Lands R45642 for Public Recreation with care, control and management devolved to Council
- Land Category: Natural Area
- Vegetation: Saltmarsh, Mangroves, Swamp Oak Woodland



DURAL

Property	Dural Park
Reserve No.	208
Oracle Fixed Asset No.	229056, 229143
Matman Equipment No.	2.208.0.0.0.0
Address	40 & 40X Quarry Road, Dural
Lot & DP	Lots 1116 & 1117 DP 822289 (Crown Reserve R500116 for Public Recreation in 1897 with Council made trustees in 1965)
Area	64,033 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	Sportsground, General community use, Natural Area
Subcategories	Bushland
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Dural District Rural Fire Service
- Tennis Courts with night lighting and Pro-Shop, Clubhouse with minor refreshment provision / kiosk, kitchen, toilets
- Sportsfield, changerooms toilets and kiosk
- Carpark
- Waste water management system
- Bushland open space

Natural & Cultural Heritage

- Soil derived from Hawkesbury Sandstone
- Vegetation community C: *E. gummifera*, *E. haemastoma*, *E. oblonga*–Woodland
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Dedicated as a reserve from sale for public recreation in 1897, it was only in 1965 that Council was made trustees and in 1984 that two sportsfields were developed on the site, the land previously being used by some residents as a rubbish dump. The Bush Fire Brigade has been at the site since 1957 and their area extended over the years and in recent times in 1996

View towards Amenities Building from western edge of sportsfield, adjacent to bushland area



Conservation Status

- This vegetation community is well conserved

Condition / Impacts

- There was evidence of some past degradation but bushland restoration by the bushcare volunteers has the area in good condition
- The bushland areas within Dural Park form a buffer to adjacent properties and roadway and are in very good condition

Overall condition

- Very good

Main Weeds

- Minor exotic grasses around edges of the bushland and sportsfield

Tennis courts and Clubhouse



Dural District Fire Brigade HQ



Management

Recurrent Expenditure

- Tree maintenance
- Mowing
- Rubbish collection, 3 x 240L bins twice a week
- Maintenance and cleaning changeroom and toilet facilities
- Sportsfield line marking
- Change of season works
- Spraying for noxious weeds and pests
- Bushcare
- Wastewater Treatment maintenance

Exceptional Expenditure

- Repair and replacement of facilities as required
- Tennis Court and field perimeter fence replacements
- Maintenance to fixed assets eg. carpark
- Regrading and returfing oval

Comments

- Powerline high tension easement runs through the natural area
- A Bushcare Group known as the Quarry Road group is restoring bushland areas in this park

Level of Service Grading





High

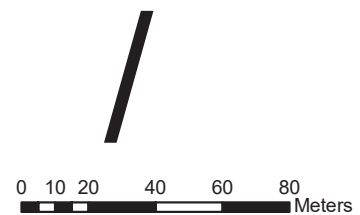
Existing Leases

Tennis Club



LEGEND: DURAL PARK

-  Land Owner: Crown Lands R500116 for Public Recreation in 1897 Hornsby Council trustees in 1965
Land Categories: Natural Area, Sportsground, General Community Use
-  Vegetation: Shale/ Sandstone Transition Forest
-  Fire Trails: Quarry Rd Powerline Trail No.1 and Pyes Creek Private Fire Trail
-  *Red-crowned Toadlet Vulnerable Species*



Property	Muraban Road Bushland
Reserve No.	68
Oracle Fixed Asset No.	10595 & 10596, 229123
Matman Equipment No.	1.103.3.0
Address	25X, 39, 41X Muraban Road, Dural
Lot & DP	Lot 251 DP 40545, Lot 5 DP 258191, Lot 14 DP 618482 (Freehold as Public Reserve)
Area	100,192 sq m
Zoning	Open Space A (Public Recreation – Local): Lot 5 DP 258191 Open Space B (Public Recreation - Regional): Lot 14 DP 618482; Environmental Protection B (River Catchment) & Rural BR (Small Holdings - Rural Landscapes): Lot 251 DP 40545
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Cabbage Tree Hollow Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998.

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994) however they may occur if surveyed
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Community C: *E. gummifera*, *E. haemastoma*, *E. oblonga*– Woodland
- Vegetation community L: *E. pilularis*, *A. costata*, *S. glomulifera* – Tall Open Forest
- Vegetation community O1: *Ceratopetalum apetalum* – Warm Temperate Rainforest

Conservation Status

- Vegetation community L is a significant community in the Hornsby Local Government Area
- Vegetation community O1 warm temperate rainforest is of regional conservation significance
- Powerful Owls have been sighted along this watercourse

Muraban Road Bushland sandstone outcrops



Condition / Impacts

- The bushland is in very good condition
- There may be some minor weed infestation from adjoining rural interfaces




Overall condition

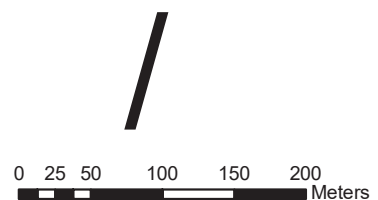
- Very good

	Main Weeds <ul style="list-style-type: none"> None
Management	Recurrent Expenditure <ul style="list-style-type: none"> Tree / vegetation management Bushfire mitigation Exceptional Expenditure <ul style="list-style-type: none"> N/A
Comments	<ul style="list-style-type: none"> This reserve adjoins BVRP and could be considered as a future addition The other boundary adjoins rural properties with a lot of private bushland There are no formal trails in this reserve, and the access handle is bushland making entry difficult with much of the bushland being a steep valley
Level of Service Grading	N/A
Existing Leases	None



**LEGEND:
MURABAN ROAD BUSHLAND**

-  Land Owner: Hornsby Shire Council
-  Land Category: Natural Area
-  Rowlands Fire Trail



FIDDLETOWN

Property Reserve No.	Bloodwood Road Bushland & Aboriginal Area
Oracle Fixed Asset No.	417
Matman Equipment No.	229079, 229129
Address	none
Lot & DP	Bloodwood Road (23X), Fiddletown Lot 7005 DP 93846 (Crown R73207 for Preservation of Aboriginal Engravings in 1933), Lot 7006 DP 93846 (Crown R63910 for Preservation of Aboriginal Engravings in 1933) with care, control and management devolving to Council.
Area	35,298 sq m
Zoning	Environmental Protection B (River Catchment) & Rural AR (Large Holdings – Rural Landscapes): Lot 7005 DP 93846; Rural AA (Large Holdings – Agricultural Landscapes): Lot 7006 DP 93846
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area, Area of Cultural Significance
Subcategories	Bushland, Watercourse
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998.
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Natural Area <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Soil derived from Hawkesbury Sandstone Vegetation community A: <i>E. piperita</i>, <i>A. costata</i> – Open Forest Vegetation community D: <i>E. punctata</i>, <i>C. gummifera</i>, <i>E. haemastoma</i> - Woodland Site reserved for preservation of Aboriginal engravings – axe grinding grooves, engravings present <p>Conservation Status</p> <ul style="list-style-type: none"> Vegetation communities A and D are well conserved


Aboriginal art; rock engraving



	<p>Condition/ Impacts</p> <ul style="list-style-type: none"> • The core bushland areas are in very good condition • There are edge effect weeds around the cleared area and along the edge of the private property • The creekline vegetation below the rock platform is in poor condition. There is a large sediment plug in the lower creekline area in this reserve due to clearing upstream <p>Overall condition</p> <ul style="list-style-type: none"> • Good <p>Main Weeds</p> <ul style="list-style-type: none"> • Edge weeds are Crofton and Scotch Thistle • Weeds in creek line include Crofton and Wild Tobacco
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Noxious weed control • Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • NA
Comments	<ul style="list-style-type: none"> • A fire trail passes through the reserve passing under powerlines and ending at a private property • There is a large cleared encroachment on the South eastern corner
Level of Service Grading	NA
Existing Leases	None



LEGEND:
**BLOODWOOD ROAD BUSHLAND
AND ABORIGINAL AREA**

-  Land Owner: Crown Land
R63910 and R73207
for the Preservation of Aboriginal
carvings and drawings
Land Categories: Natural Area,
Area of Cultural Significance



FOREST GLEN

Property	Short Street Bushland (Vacant land – Forest Glen in land register)
Reserve No.	418
Oracle Fixed Asset No.	229117
Matman Equipment No.	none
Address	Old Northern Road, Forest Glen Road and Short Street, Forest Glen
Lot & DP	Lot 1 Section 2 DP 758648 (Crown R61814 for Public Recreation with care, control and management devolving to Council)
Area	11,731 sq m
Zoning	Rural AA (Large Holdings – Agricultural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Wianamatta Shale
- Vegetation Community T1: *Syncarpia glomulifera* - *E. paniculata* - *A. costata* Sydney Turpentine-Ironbark Forest

View from roadway within bushland



Conservation Status

- Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*

Condition/ Impacts

- The area is heavily impacted on by cleared areas, wide tracks and a road through it. The bushland not impacted is in fairly good condition KMC 1/1/3(2)

	Overall condition <ul style="list-style-type: none"> Fair
	Main Weeds <ul style="list-style-type: none"> Whiskey grass, coreopsis, bidens, exotic grasses
Management	Recurrent Expenditure <ul style="list-style-type: none"> Tree/vegetation roadside maintenance Busfire mitigation
	Exceptional Expenditure <ul style="list-style-type: none"> N/A
Comments	<ul style="list-style-type: none"> The driveway / road through the land is an existing use access. The area is degraded by the cleared areas and heavily compacted track.
Level of Service Grading	N/A
Existing Leases	None



**LEGEND:
SHORT STREET RESERVE**



Land Owner: Crown Lands R61814
for Public Recreation with care, control
and management devolved to Council
Land Category: Natural Area



0 5 10 20 30 40 Meters

GALSTON

Property	Fagan Park – Refer to current specific Plan Of Management
Reserve No.	436
Oracle Fixed Asset No.	229043-229048, 229052, 229088
Matman Equipment No.	9.436.0.0.0.0
Address	38-48X, 50X Bayfield Road, Arcadia Road, Galston
Lot & DP	Lot 1 DP 558731; Lots 12-14, 16-18, Section 2 DP 975148 (Crown Reserve R91692 for Community Purposes with Council Trustees vide Deed of Agreement)
Area	570,530 sqm
Zoning	Open Space B (Public Recreation – District)
Land Owner	Crown
Classification	N/A
Community Land Category	Park, Natural Area
Subcategories	Bushland, Watercourse
Recategorised since Last POM	No
Relationship to Other Plans	The Fagan Park Plan of Management (2004) is the current Plan of Management. <i>This Plan does not override that plan.</i>

Description & Site Analysis

Facilities Provided

- Gardens of Many Nations (Bicentennial Gardens Project including some buildings and various garden designs from a range of nations)
- Ecogarden (Permaculture Community Garden)
- Heritage buildings (Netherby Homestead) and Rural Museum
- Centenary Garden with trail and seating
- Northern Playground and southern playgrounds
- Carrs Bush natural area and integrated picnic facilities
- Vast open space
- Former farm dam with wharf and shelter facility
- Interpretive, historical and directional park signage
- Picnic and BBQ facilities
- Caretaker's Cottage
- Maintenance buildings and yards
- Toilets
- Carpark

Natural & Cultural Heritage

- Soil derived from Wianamatta Shale
- Vegetation community TI: *Syncarpia glomulifera*, *E. paniculata*, *A. costata* – Sydney Turpentine-Ironbark Forest – Carrs Bush
- Fagan Park (including original homestead and addition at Netherby, fruit packing shed, dairy shed, windmill, water tank, machinery shed, brick kiln site, clay pit and bushland) are heritage listed and are regarded as being of regional conservation significance (*Hornsby Shire LEP* 1994)
- Site contains no known Aboriginal relics (Koettig, 1996)

Conservation Status

- Reserve contains significant bushland habitat (Land and Environment Planning, 1994). Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act* (1999) and an Endangered Ecological Community under the *Threatened Species Conservation Act* (1995)

This Rural Valley Viewshed is part of a Heritage Control Zone, as detailed in the adopted Fagan Park Plan of Management, which includes Netherby Homestead and related farm buildings



Entry to Netherby Homestead showing interpretive signage



A playground and picnic area exists adjacent to the southern carpark, Netherby Homestead and Ecogarden. A second playground is located in the northern park sector, adjacent to the Carrs Bush Natural Area



Condition / Impacts

- Well maintained by permanent park staff and interest groups
- Park is closed to public overnight
- Bushland restoration has been undertaken in Carrs Bush and the area is generally good to very good throughout with some areas of weed infestation, especially along Carrs Road

Overall condition

- Good

Main Weeds

- Bridal Creeper, Wandering Jew, Bidens, and exotic grasses in Carrs Bush.

Management

Recurrent Expenditure

- Tree maintenance
- Gardens maintenance
- Picnic and bbq facility maintenance
- Playground equipment inspection and maintenance
- Mowing
- Rubbish collection, 10 x 240L twice a week
- Cleaning and maintenance of toilet facilities
- Track maintenance
- Carpark maintenance
- Bush regeneration
- Bushcare
- Rabbit control

Trail and picnic shelter shown within Carrs Bush Natural Area



Picnic and bbq facilities, northern park sector, adjacent to the Carrs Bush



As well as bushland and heritage buildings, Fagan Park is well-known for its' vast open spaces as well as lakes and wildlife



Management cont...

Exceptional Expenditure

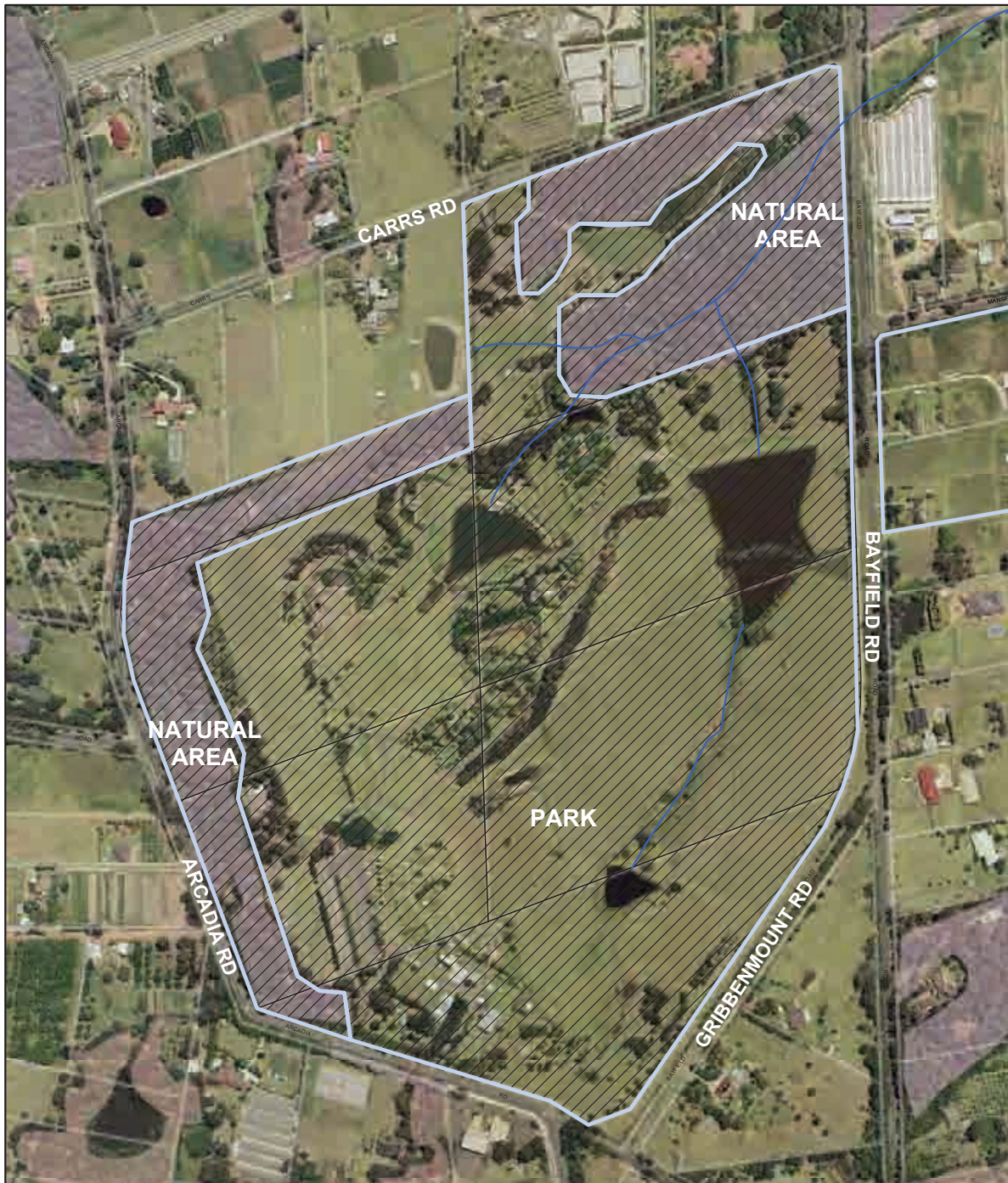
- Heritage Building, farm relic and fence restorations
- Building maintenance including maintenance buildings, Caretaker's house, Gardens of Many Nations buildings
- Maintenance of park signage

Comments

- Caretaker's house is located on the site with resident Caretaker
- A Bushcare group is active in Carrs Bush
- Carrs Bush is a designated Wildlife Protection Area
- Refer to Fagan Park Plan of Management

Level of Service Grading
Existing Leases

High
None



LEGEND: FAGAN PARK

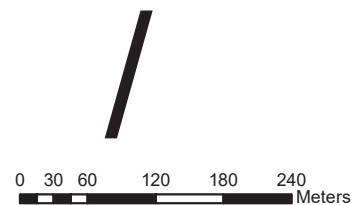


Land Owner: Crown Lands R91692 for Public Recreation with Hornsby Council trustees

Land Categories: Natural Area (Bushland, Watercourse), Park
[See Fagan Park POM 2004 Map 4.1 Heritage Issues for further detail]




Vegetation:
Sydney Turpentine-ironbark Forest

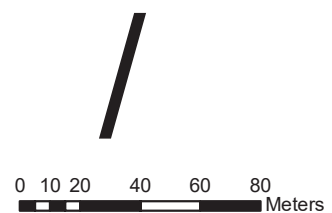


Property	Galston Rural Sports Facility
Reserve No.	
Oracle Fixed Asset No.	
Matman Equipment No.	
Address	18X – 20X Bayfield Road, Galston
Lot & DP	Lot DP
Area	App. 40,000 sq m
Zoning	Rural BA (Small Holdings – Agricultural Landscapes)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Sportsground
Subcategories	N/A
Recategorised since Last POM	Not previously included
Relationship to Other Plans	This plan includes a Plan of Management, formerly included in the Statement of Environmental Effects for Development Application 53/2005, revised in August 2005. The Galston Rural Sports Facility Plan of Management forms Appendix 6 to this Plan. The DA Masterplan is also attached at Appendix 5.
Description & Site Analysis	<p>This facility has Development approval with construction commencing in 2007. Masterplan will guide the approved development (see Annexure).</p> <p>Facilities proposed</p> <ul style="list-style-type: none"> • Equestrian and Canine exercise and performance facilities / external arenas • Toilets • Perimeter screen planting • Carparks <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Site contains no known Aboriginal relics (Koettig, 1996) • Formerly rural lands acquired by Council • Soil derived from Wianamatta Shale • Remnant Vegetation community T1, Sydney Turpentine-Ironbark Forest is evident on adjacent road reserves and links with the Carrs Bush forest of Fagan Park on the other side of Bayfield Road
Management	<ul style="list-style-type: none"> • <i>Refer to existing Plan of Management</i>
Leases & Licences	<ul style="list-style-type: none"> • Leases or licences may be granted to equestrian sports groups and canine activities groups as allowed under the POM. The duration of these leases and licences may vary from casual short term hire, seasonal hire or for periods of several years but always on a time share basis. Times of use are expected to be Saturdays, Sundays and weekday afternoons for organised activities. An indicative time share arrangement for the use of the park forms part of the development consent. This will be subject to refinement and evolution as the park gets nearer to completion



**LEGEND:
GALSTON RURAL
SPORTS FACILITY**

 Land Owner: Hornsby Shire Council
Land Category: Sportsground



Property	Forsters Reserve
Reserve No.	378
Oracle Fixed Asset No.	229162
Matman Equipment No.	1.56.3.0
Address	Sallaway Road (18-20X), Galston
Lot & DP	Lot 90 DP 752048 (Crown Reserve R80585 for Public Recreation in 1958 and Crown Reserve R84516 for Rubbish Depot in 1963 with care, control and management devolving to Council)
Area	4,470 sq m
Zoning	Rural BR (Small Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation Community A: *E. piperita*, *A. costata*– Open Forest
- Vegetation community F: *E. racemosa*, *C. gummifera*, *A. costata*- Woodland
- Vegetation community TI: *Syncarpia glomulifera* - *E. paniculata* - *A. costata* Sydney Turpentine-Ironbark Forest
- Reserve contains significant habitat for fauna (Land and Environment Planning, 1994)

Bushland view from Sallaway Road



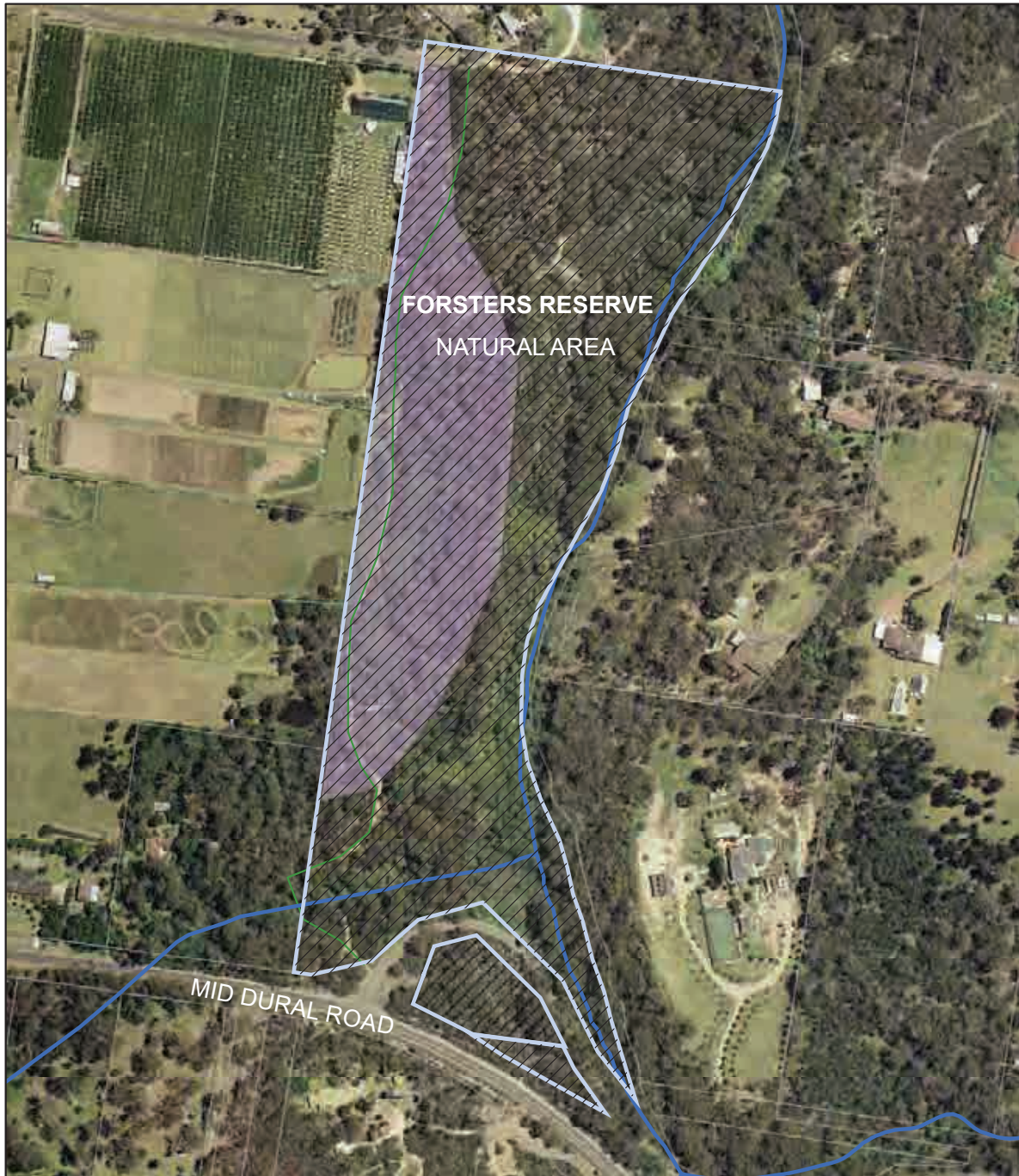
Conservation Status

- Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*
- Forsters Reserve is a designated Wildlife Protection Area

Condition / Impacts

- The bushland ranges from good condition to very poor. The core upslope vegetation is in good condition. Along the creek and Sallaway Road there is serious privet and vine weed infestation KMC(2/4/4(4))
- The bushland adjacent to the trail and rural property boundary is in very poor condition

Management	Overall condition
	<ul style="list-style-type: none"> Fair
	Main Weeds
	<ul style="list-style-type: none"> Privet, Blackberry, Honeysuckle, Crofton Weed, Whiskey Grass, Lantana
Comments	Recurrent Expenditure
	<ul style="list-style-type: none"> Contract bush regeneration Bushfire mitigation Tree/vegetation roadside maintenance
	Exceptional Expenditure
Level of Service Grading	<ul style="list-style-type: none"> A wetland has been constructed in this reserve on Sallaway Road, Galston (Asset ID 18)
Existing Leases	None



LEGEND: FORSTERS RESERVE

Land Owner: Crown Reserves R 80585 for Public Recreation and R84516 for Rubbish Depot with care, control and management devolved to Council
Land Category: Natural Area



Vegetation Community: TI Sydney Turpentine - Ironbark Forest - Critically Endangered



0 12.5 50 75 100 Meters

Property	Galston Library
Reserve No.	525
Oracle Fixed Asset No.	229301
Matman Equipment No.	
Address	Galston Road (357), Galston
Lot & DP	Lot 1 DP 136221 (Freehold)
Area	541 sq m
Zoning	Rural BA (Small Holdings – Agricultural Landscapes)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	General Community Use
Subcategories	N/A
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Library
- Toilets
- Smith Family clothing bin

Natural & Cultural Heritage

- Site contains no known Aboriginal relics (Koettig, 1996)
- Former Church of England is listed as being of local heritage significance (*Hornsby Shire LEP*, 1994)
- Soil derived from Wianamatta Shale

Galston Library occupies the former Church of England, of local heritage significance



Condition / Impacts

- Some weed species along fencelines

Main Weeds

- Privet growing along fence boundaries and Camphor laurel present

Management

Recurrent Expenditure

- Tree maintenance
- Mowing
- Building maintenance
- Cleaning and maintenance toilet facilities
- Rubbish collection once a week by commercial contractor (1 x 125L general waste, 1 x 240L paper recycle)

Exceptional Expenditure

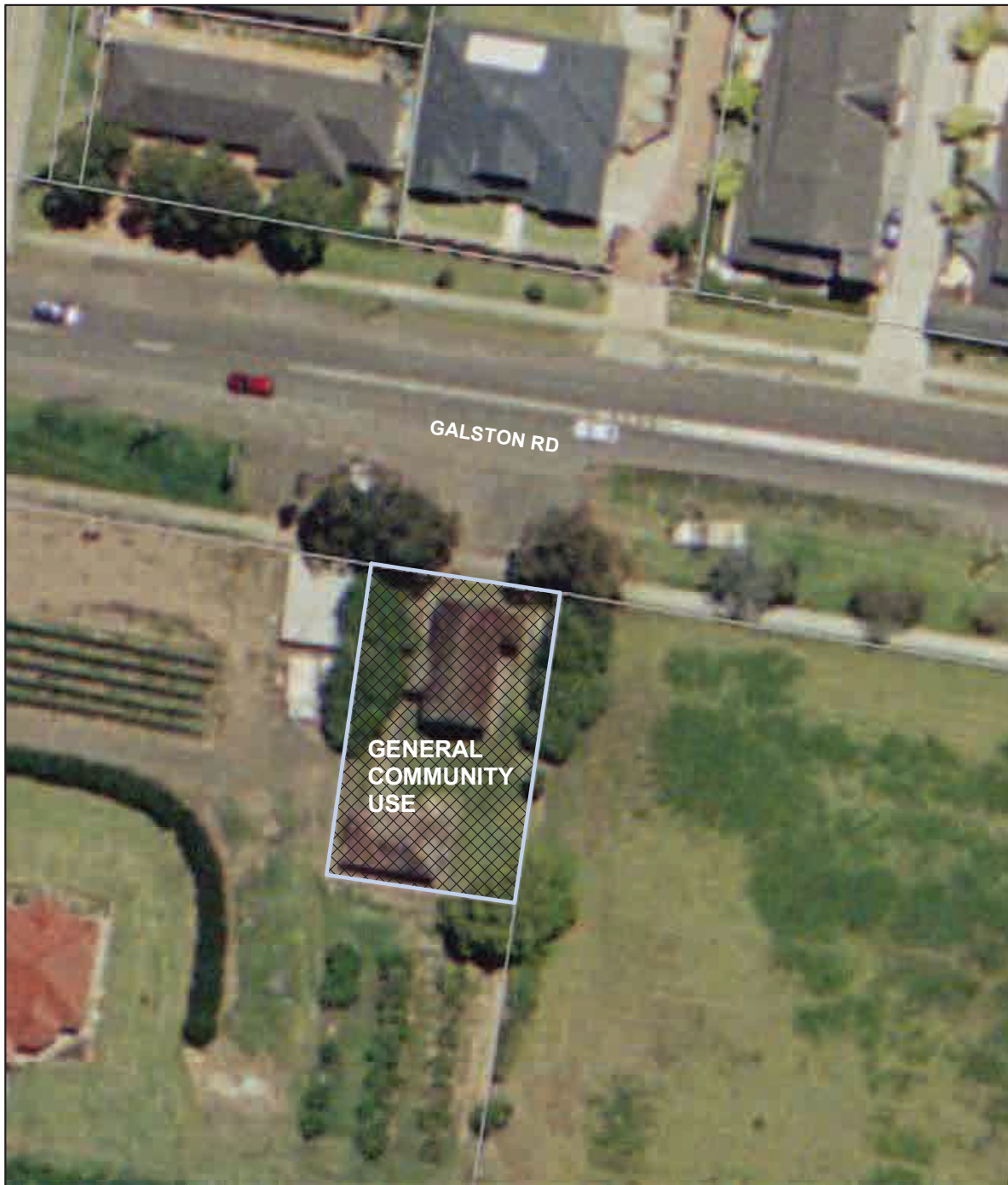
- Repairs and replacement of facilities as required
- Carparking at road edge maintenance

Level of Service Grading

Low

Existing Leases

None



LEGEND: GALSTON LIBRARY



Land Owner: Hornsby Shire Council

Land Category: General Community Use



0 2.5 5 10 15 20 Meters

Property	Galston Recreation Reserve including Hayes Oval
Reserve No	415
Oracle Fixed Asset No	229042, 229066, 229067
Matman Equipment No.	2.415.0.0.0.0 Bushland 1.59.3.0
Address	412A, 412X Galston Road, Galston
Lot & DP	Lot 181, 197 DP 752048 (Crown Land D500223 for Public Recreation and Showground dedicated 25/10/1929 with Council Trustees); Lots 216 and 7017 DP 752048 (Crown Reserve R81698 for Public Recreation and the Preservation of Native Flora and Fauna 19/06/1959 with Council Trustees)
Area	400,215 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	N/A
Community Land Category	Sportsground, Natural Area, General Community Use
Subcategories	Bushland, Watercourse (<i>Colah Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserve, Generic Sportsground Plans of Management adopted in 1996, and the draft Generic Bushland Plan of Management dated 1998. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Sportsfield (signage denotes Galston Recreation Reserve adjacent to northern sportsfield) • 1 x astroturf cricket wicket • Basketball / netball courts x 2 west of sportsfield with night lighting • 1 x large picnic shelter containing 20 x Picnic settings, 6 x bench seats, 4 x electric BBQ, 3 x 240L bins • Toilet block adjacent to carpark and large shelter • Playground • Expansive garden beds with timber edging surround the playground and large shelter area • Picnic shelter and BBQ associated with playground, 1 x 240L bin • Timber bridge crossing over rock swale to playground edge • 3 x park bench within playground area • Picnic settings x 2 and wood-fired BBQ behind western end of pool facility • Carpark accessible from northern park access • Lighting to pathway linking with Netball courts from central carpark • Range of fence types including mesh to courts, post and rail perimeter fence, post and wire, and steel post and rail surrounds to War Memorial • Dural & District Historical Society History Cottage occupies the northeastern corner of Galston Recreation Reserve • World War I War Memorial adjacent to History Cottage (former park kiosk) contains several plinths (old and new), a rock memorial and pebble beds, plus one adjacent picnic setting • Bushland open space • Swimming pool and gymnasium • Sportsfield (signage denotes Hayes Oval adjacent to southern Reserve sportsfield) • Informal open space (signage denotes Hayes Park in open space adjoining Hayes Oval), 2 x 240L bins • Picnic settings x 2 to Hayes Park informal open space plus 5 x bench seats • Kiosk and toilet block on northern sportsfield edge, 4 x 240L bins • Water tank • Tap / bubbler • Hayes Oval has field lighting and 5 x soccer fields, 1 x cricket wicket, 1 x goal square • Small pick-up bay at southern park end • Mesh fence to sportsfield perimeter and post and rail to street and carpark frontage <p>General / shared facilities</p> <ul style="list-style-type: none"> • Extensive natural area surrounds western and southern park and field boundaries, also a designated Wildlife Protection Zone • Carpark and lighting between fields from central park access

**South-southwestern view
towards Hayes Oval from within
informal open space, eastern
park sector**



**View over Galston Recreation
Reserve sportsfield from the
playground**



Natural & Cultural Heritage

- Soil is derived from Hawkesbury Sandstone and Wianamatta Shale
- Vegetation Communities L (*E. pilularis*- *A. costata*- *S. glomulifera* – Tall Open Forest) and T1 Sydney Turpentine-Ironbark Forest (*S. glomulifera*- *A. costata*- *E. paniculata* – Tall Open Forest)
- The land was set aside for a recreation ground and water reserve in the 1880's when subdivided and sold in this part of the Parish of North Colah. In the early 1890's a group of Trustees were appointed including John Waddell, Albert Thomas, Sam Geelan and Walter Hayes as the Recreation Ground Trust. The Galston Annual Show was staged at the newly completed Galston Recreation Ground in 1894 and was held there until 1938. Council took on the role of Trustee from the local people following the destruction of the pavilion by bushfire in 1911. A memorial to those who died in World War 1 was erected in 1919 and built by local people including stonemason Joe Booth. In 1969 the swimming pool was opened, and in the 1970's two soccer fields, tennis courts and bushwalking track were provided. The original kiosk was operated from the 1946 to 1970 by Mr A. R. Blaxland and his wife. The building was renovated in 1998 and is now known as 'History Cottage' housing the Dural and District Historical Society
- Site contains no known Aboriginal relics (Koettig, 1996)

- In 1994 Galston Oval was renamed Hayes Oval as a named feature within Galston Recreation Reserve
- William John Hayes settled in Galston in 1881 and was said to have played a leading role in the establishment of Galston Recreation Reserve along with his brother Walter Hayes

Playground view with vegetated rock swale in foreground



Large picnic shelter and barbecues for group gatherings



Conservation Status

- Vegetation community L is locally significant in the Hornsby Local Government Area
- Vegetation community TI Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*
- Galston Recreation Reserve, War Memorial and natural and cultural plantings are heritage listed and regarded as being of local conservation significance (*Hornsby Shire LEP 1994*)

View to Netball courts from large picnic shelter in Galston Recreation Reserve with natural area surrounds



Pool and gymnasium, main access from central carpark



Dural and District Historical Society, History Cottage in the northeastern park corner



Condition / Impacts

- The bushland ranges from good condition to very poor. The core vegetation on the western part of the reserve is in good condition. Along the creek below the pool and the carpark the vegetation is in very poor condition KMC 1/4/4 (3)

with a major privet infestation. Weeds occur along the oval batter slope and under the powerlines

- The bushland adjacent to the scout hall is in poor condition KMC 1/4/3(3) which threatens the Turpentine-Ironbark Forest

Overall condition

- Fair

Main Weeds

- Privet, inkweed, castor oil plant

Dedication plinth to all women involved in wars, an addition to the historical World War I Memorial in the northeastern park corner



Management

Recurrent Expenditure

- Line marking
- Change of season sportsfield works
- Tree maintenance
- Mowing
- Fertilising
- Turfing worn areas
- Topdressing
- Spraying for insect pests and noxious weeds
- Track maintenance
- Fence maintenance
- Inspection and maintenance playground equipment, softfall safety surfacing and furniture
- Lighting maintenance
- Rubbish bin collection, 10 x 240L once a week

Exceptional Expenditure

- Maintenance of timber retaining walls
- Repair and replacement of playground equipment as required
- Repair and replacement playground Astroturf as required
- Repair of tracks, timber steps, timber retaining walls as required
- Fence replacement required

Comments


- A designated Wildlife Protection Area
- "History Cottage" is located on this reserve
- Potential for Catchment Remediation works/ stream remediation to be carried out in the creekline at the rear of the pool
- There is rubbish dumping near the carpark.
- There are major power lines through the reserve
- There are fire trails, trails under power lines and walking tracks through the reserve. The major trails could be considered for multi use. Potential for BMX grounds near the sportsgrounds

**Level of Service Grading
Existing Leases**

High
Dural & District Historical Society, History Cottage

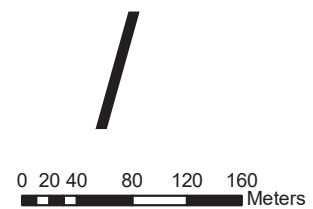


LEGEND:
**GALSTON RECREATION RESERVE,
GALSTON POOL & HAYES OVAL**

 Land Owner: Crown Lands

Land Categories: Natural Area,
Sportsground, General Community Use

Vegetation Community L:
E. pilularis - *A. costata* - *S. glomulifera*



Property	Galston Park Bushland
Reserve No	472
Oracle Fixed Asset No	105128, 229026, 229039, 229055, 229097, 229103
Matman Equipment No.	1.58.3.0
Address	Matthew Close (18X), Crosslands Road (58-60X), Galston
Lot & DP	Lot 2 DP 202545 (Freehold subject to Declaration of Trust), Lot 7 DP 240287, Lot 1 DP 567189, Lot 1 DP 568238 (Department of Planning with care, control and management devolving to Council), Lot 204 DP 854878 (Freehold as Public Reserve)
Area	942,534 sq m
Zoning	All land is zoned Open Space A (Public Recreation – District) except Lot 7 DP 240287 which is zoned Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council, RTA, Minister Administering the EP&A Act
Classification	Community
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Berowra Creek and tributaries</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland Open Space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics (Koettig, 1996)
- Remaining elements of a sandstone cottage and steps are present in the reserve
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation Community C: *E. gummifera*, *E. haemastoma*, *E. oblonga*– Woodland
- Vegetation Community D: *E.punctata*, *C.gummifera*, *E. haemastoma*,– Woodland
- Vegetation Community G: *E. haemastoma*, *E. A.hispida*, *B.ericifolia*– Low Woodland
- Vegetation Community 01: *Ceratopetalum apetalum* Warm temperate rainforest

Weathered rock formation in Galston Park bushland



Conservation Status

- Vegetation community 01 Warm temperate rainforest is of regional conservation significance

Condition / Impacts

- The bushland is in very good condition KMC(1/1/1(1). There are weed

infestations opposite Crosslands and along Galston Roads which are being treated. There are also some weed outbreaks along Berowra Creek and where stormwater enters the reserve which would be classified as fair

Overall condition

- Very good

Main Weeds

- Wandering Jew, Ageritina, Coreopsis, African Lovegrass, Whiskey Grass
- Pittosporum

Management

Recurrent Expenditure

- Contract bush regeneration
- Bushfire mitigation
- Tree/vegetation roadside maintenance

Exceptional Expenditure

- N/A

View of bushland sector containing sandstone cottage remnants



Comments

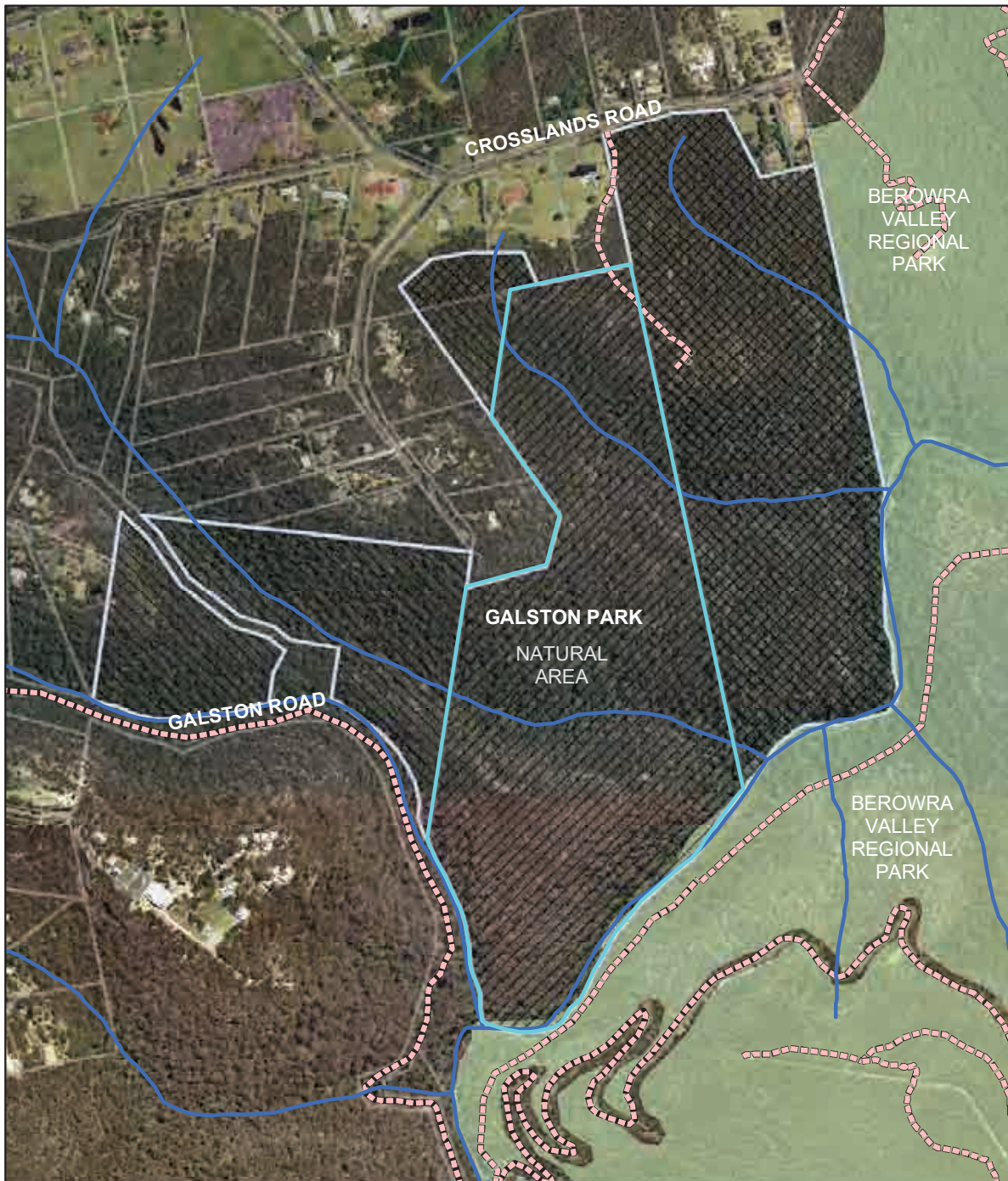
- A designated Wildlife Protection Area
- There are no formal trails or walking tracks in this reserve and access is difficult
- There is access to the reserve along Crosslands Road and off the end of Matthew Close where there also evidence of dumping of domestic waste

Level of Service Grading

N/A

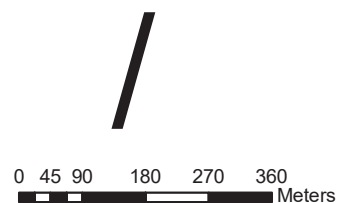
Existing Leases


None



**LEGEND:
GALSTON PARK**

-  Land Owner: Hornsby Shire Council
-  Land Owner: Environmental Protection Authority
-  Land Owner: RTA
- Land Category: Natural Area
-  Fire Trails



Property	Johnson Road Bushland
Reserve No	79
Oracle Fixed Asset No	105163
Matman Equipment No	1.75.3.0
Address	Johnson Road (46X), Galston
Lot & DP	Lot 209 DP 255719 (Freehold as Public Reserve)
Area	19,755 sq m
Zoning	Part Environmental Protection B (River Catchment) and part Rural BR (Small Holdings – Rural Landscapes)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>tributary of Colah Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) Soil derived from Hawkesbury Sandstone Vegetation community A: <i>E. piperita</i>, <i>A. costata</i> – Open Forest
Bridle Trail	
	<p>Conservation Status</p> <ul style="list-style-type: none"> Vegetation community A is well conserved Reserve contains significant habitat for fauna (Land and Environment Planning, 1994) <p>Condition / Impacts</p> <ul style="list-style-type: none"> The bushland is in generally poor condition with the body of the reserve above the creek being good. The watercourse has serious weed infestation KMC (3/4/4(4)) and there are weeds along the property boundaries. The informal walking / bridle trail is in good condition <p>Overall condition</p> <ul style="list-style-type: none"> Fair <p>Main Weeds</p> <ul style="list-style-type: none"> Privet, Honeysuckle, Bidens, Wandering Jew, Pittosporum
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> Tree / vegetation management Noxious weed control Bushfire mitigation

Exceptional Expenditure

- N/A

Comments

- The unmade portions of School and Johnson Roads form part of this bushland. There is an informal trail from the end of School Road linking with Johnson Road, used as a bridle trail
- This reserve contains a powerline easement

Gynea Lily in bushland

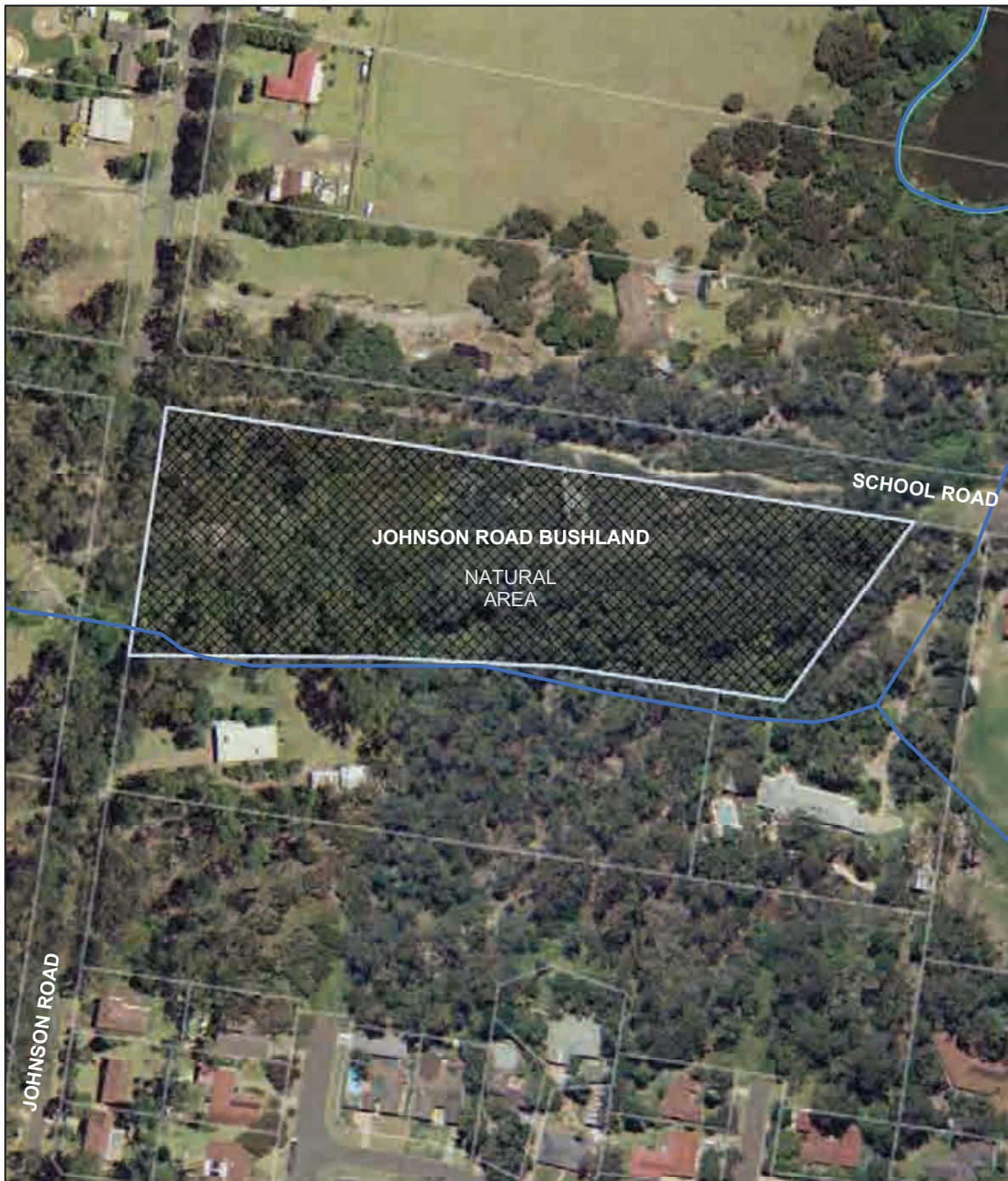


Level of Service Grading

N/A

Existing Leases

None



**LEGEND:
JOHNSON ROAD BUSHLAND**



Land Owner: Hornsby Shire Council
Land Category: Natural Area



0 12.5 25 50 75 100 Meters

Property	Karalee Road Bushland
Reserve No	80
Oracle Fixed Asset No	105166
Matman Equipment No	1.79.3.0
Address	Karalee Road (16X), Galston
Lot & DP	Lot 13 DP 243183 (Freehold as Public Reserve)
Area	7,038 sq m
Zoning	Open Space B (Public Recreation – District)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest

Conservation Status

- Vegetation community A is well conserved

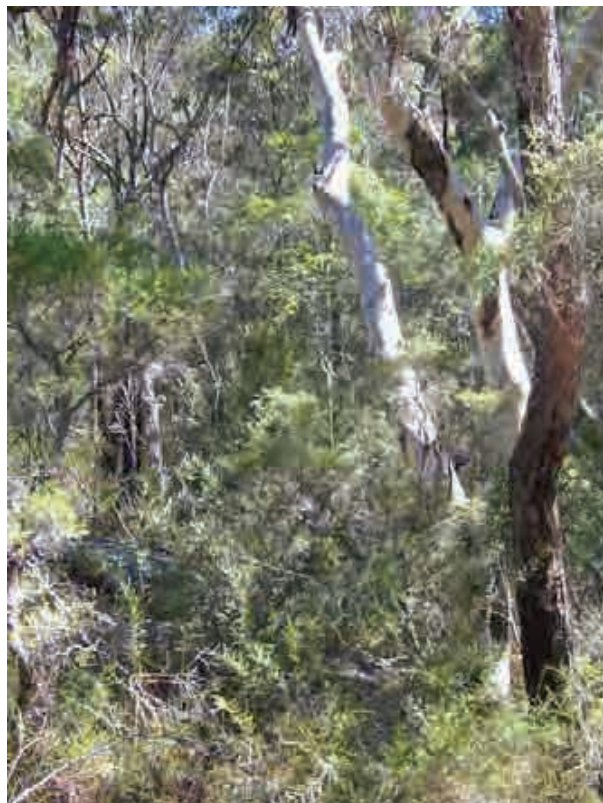
Overall condition

- Bushland is in very good condition (API only)

Main Weeds

- No weed infestation is evident

Typical bushland view



Management

Recurrent Expenditure

- Bushfire mitigation
- Tree/vegetation management

Exceptional Expenditure

N/A

Comments

- This small area of bushland is borders BVRP on two boundaries and private rural properties on the other. It is in a steep valley and has no public access except through the bushland of BVRP adjoining Knight s Rd bushland at the end of Towner Rd. There are no formal trails in this reserve or leading to this area of bushland
- Recommend this bushland as an addition to BVRP

Level of Service Grading

N/A

Existing Leases

None



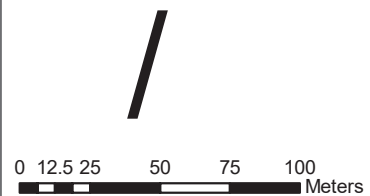
**LEGEND:
KARALEE ROAD BUSHLAND**



Land Owner: Hornsby Shire Council
Land Category: Natural Area

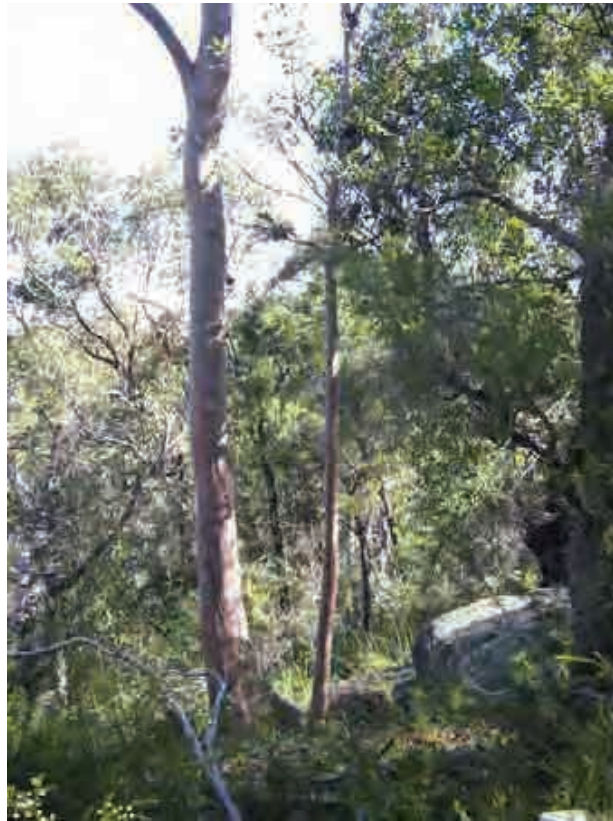


Easement line



Property	Knights (Towner) Road Bushland
Reserve No	81
Oracle Fixed Asset No	105173, 105174
Matman Equipment No	1.83.3.0
Address	101 Knights Road, Galston
Lot & DP	Lot 12 DP 243183, Lot 7 DP 245728 (Freehold as Public Reserve)
Area	40,472 sq m
Zoning	Open Space B (Public Recreation - District)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Charlton Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Soil derived from Hawkesbury Sandstone Vegetation community A: <i>E. piperita</i>, <i>A. costata</i> – Open Forest Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) <p>Conservation Status</p> <ul style="list-style-type: none"> Vegetation community A is well conserved <p>Condition / Impacts</p> <ul style="list-style-type: none"> The core bushland is in very good condition and an excellent example of sandstone flora. There are some roadside lantana and exotic grasses; minor weeds present in the drainage lines KMC (1/1/3(2)) but these are isolated. The main creek was unsurveyed <p>Overall condition</p> <ul style="list-style-type: none"> Very good <p>Main Weeds</p> <ul style="list-style-type: none"> Crofton, Lantana, African Lovegrass, Whiskey Grass, Pittosporum

Core bushland is in very good condition



Management

Recurrent Expenditure

- Tree / vegetation roadside management
- Bushfire mitigation

Exceptional Expenditure

- N/A

Comments

- There are no formal trails in this reserve. Knights Rd turns into unmade road which is bushland and then continues on as Towner. Public access is via the end of Towner Road
- The bushland is a steep rocky gully with Charlton Creek running through it. The bushland adjoins BVRP downstream

Level of Service Grading


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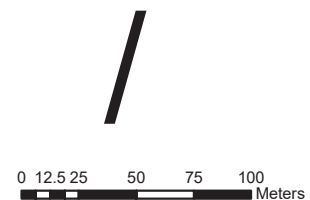
Existing Leases


None



**LEGEND:
KNIGHTS ROAD BUSHLAND**

-  Land Owner: Hornsby Shire Council
Land Category: Natural Area



Property	Nancy Place Park
Reserve No	315
Oracle Fixed Asset No	105198, 105698
Matman Equipment No	5.315.0.0
Address	35X, 37X Nancy Place, Galston
Lot & DP	Lot 8 DP 259528, Lot 50 DP 259440 (Freehold as Public Reserve)
Area	2,267 sq m
Zoning	Most is zoned Rural BA (Small Holdings – Agricultural Landscapes) except the accessway to Lot 8 DP 259528 which is zoned Residential AR (Low Density – Rural Village)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Park
Subcategories	N/A
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Playground • Informal open space • Picnic setting <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) • Soil derived from Wianamatta Shale
View looking north towards playground	
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Tree maintenance and mowing • Inspection and maintenance of playground equipment <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • Repair and replacement of playground equipment as required • Repair and replacement furniture and fencing as required • Maintenance drainage swale along residential, western park boundary •
Comment	<ul style="list-style-type: none"> • Limited access and recreation value • This land could be considered for reclassification

Level of Service Grading	Low
Existing Leases	None



**LEGEND:
NANCY PLACE PARK**



Land Owner: Hornsby Shire Council
Land Category: Park



0 2.5 5 10 15 20
Meters

Property	Plantation Strip - Mid Dural Road, Galston
Reserve No	316
Oracle Fixed Asset No	105000
Matman Equipment No.	
Address	32X Mid Dural Road, Galston
Lot & DP	Lot 132 DP 255851 (Freehold)
Area	4,265 sq m
Zoning	Residential AR (Low Density - Rural Village)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Park
Subcategories	N/A
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Pathway

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Wianamatta Shale
- Vegetation Community: Site contains remnant trees of Shale Sandstone Transition Forest

View looking east. Reserve follows pathway over roadside embankment



View looking west towards corner with Johnson Road



Conservation Status

- Shale Sandstone Transition Forest is of State conservation significance as it is listed as an Endangered Ecological Community under the *Threatened Species Conservation Act* (1995)

Condition / Impacts

- Vehicular use and use as a trail for horses impacts on this roadside reserve. Diminished groundcover is evident due to these uses.

Management

Recurrent Expenditure

- Mowing and vegetation management.
- Tree maintenance

Exceptional Expenditure

- Pathway repairs

Comments

- Easement and pathway access to Hakea Crescent from Mid Dural road
- The Arcadia Pony Club is on Johnson Road adjacent to the western end of the reserve, providing a useful corridor for riders
- Planting in the reserve of exotic and native trees and shrubs by adjoining residents over many years is evident

Level of Service Grading

Low

Existing Leases

None



**LEGEND:
PLANTATION STRIP
MID-DURAL ROAD**



Land Owner: Hornsby Shire Council

Land Category: Park



0 10 20 40 60 80 Meters

Property Reserve No	Tim Brownscombe Reserve
Oracle Fixed Asset No	none
Matman Equipment No	229165
Address	1.78.3.0
Lot & DP	Fishburns Road (5X), Galston
Area	Lot 2 DP 870158 (Freehold as Public Reserve)
Zoning	4,201 sq m
Land Owner	Rural BA (Small Holdings – Agricultural Landscapes)
Classification	Hornsby Shire Council
Community Land Category	Community Land
Subcategories	Natural Area
Recategorised since Last POM	Bushland
Relationship to Other Plans	No
	This reserve was included in the Significant Areas (Bushland) Plans of Management and Action Plans. This plan does not override that plan
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) Soil derived from Wianamatta Shale Vegetation community T1: <i>Syncarpia glomulifera</i>, <i>E. paniculata</i>, <i>A. costata</i> – Sydney Turpentine-Ironbark Forest Vegetation community BG: Blue Gum High Forest The late Keith Brownscombe and his family dedicated this portion of their property to Hornsby Council in 1998 in memory of their son Tim, who tragically passed away. Tim Brownscombe loved nature and the tall trees which are now protected in this reserve. Keith worked with the volunteer bush regeneration group and assisted Council in the ongoing conservation of this important endangered vegetation up until his passing in mid-2006. <p>Conservation Status</p> <ul style="list-style-type: none"> Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the <i>Environment Protection and Biodiversity Conservation Act (1999)</i> and an Endangered Ecological Community under the <i>Threatened Species Conservation Act (1995)</i> Blue Gum High Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the <i>Environment Protection and Biodiversity Conservation Act (1999)</i> and has received a preliminary listing as a Critically Endangered Ecological Community under the <i>Threatened Species Conservation Act (1995)</i> <p>Condition / Impacts</p> <ul style="list-style-type: none"> The bushland has been actively restored with most of the reserve now in very good condition. The upper portion of the reserve within the Blue Gum section is in fair condition KMC 1/3/4(3) but being actively restored by volunteers. <p>Overall condition</p> <ul style="list-style-type: none"> Good <p>Main Weeds</p> <ul style="list-style-type: none"> Wandering Jew, Honeysuckle, Erharta
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> Bushcare Tree / vegetation maintenance Fence maintenance Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> Replacement of fences
Comments	<ul style="list-style-type: none"> There is an active bushcare group in this reserve There was contract bush regeneration for approximately 4 years within this area but this ceased in 2004 and the volunteers are continuing to restore and

- maintain the reserve.
- There are a lot of rabbits impacting on this reserve

Bushland



Level of Service Grading





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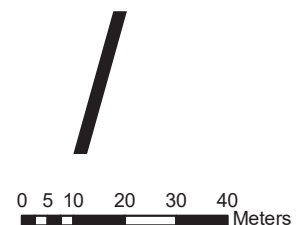
Existing Leases

None



LEGEND: TIM BROWNECOMBE RESERVE


-  Land Owner: Hornsby Shire Council
Land Category: Natural Area
-  Vegetation: Blue Gum High Forest (BGHF)
-  Vegetation: Turpentine Ironbark Forest (STIF)
-  Easement

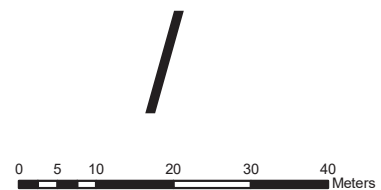


Property	Galston Village Common, Galston
Reserve No	
Oracle Fixed Asset No	229277 and 229322
Matman Equipment No	
Address	5A Arcadia Road, Galston
Lot & DP	Lot 20 DP 878940 (Freehold) and Lot 7 DP 1042134 (Freehold as Public Reserve)
Area	1083 sq m
Zoning	Lot 20 DP 878940 is zoned Open Space A (Public Recreation – Local) and Lot 20 DP 878940 is Business C (Neighbourhood)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Park
Subcategories	N/A
Recategorised since Last POM	N/A
Relationship to Other Plans	Not previously included in Plan of Management. Development of this land is subject to the Galston Village Development Control Plan
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Informal open space • Picnic shelter x 1 • Park benches x 3 <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) • Soil derived from Wianamatta Shale
Park View looking southeast	
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Edging, mulching and tree and garden maintenance • Mowing <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • Repair / replacement timber garden edge • Repair furniture • Repair street kerbs / rollover kerbs • Repair shelter (non-standard with cement-rendered posts and tiled roof)
Level of Service Grading	Low
Existing Leases	None



**LEGEND:
GALSTON VILLAGE COMMON,
GALSTON**

 Land Owner: Hornsby Shire Council
Land Category: Park



GLENORIE

Property	Cairnes Road Playground & Bushland
Reserve No	311
Oracle Fixed Asset No	105466
Matman Equipment No	5.311.0.0
Address	25X Cairns Road, 3X Wirra Place, Glenorie
Lot & DP	Lot 41 DP 253532 (Freehold as Public Reserve)
Area	4,709 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Park, Natural Area
Subcategories	Bushland, Watercourse (<i>Glenorie Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This reserve was included in the Significant Areas (Bushland) Plans of Management and Action Plans. This plan does not override that plan except for its reclassification to include watercourse. The reclassification will be included in the Significant Areas (Bushland) Plans of Management and Action Plans when it is updated

Description & Site Analysis

Facilities Provided

- Playground and informal open space
- Bushland and Glenorie Creek (tributary to Colah Creek)
- Tap / bubbler
- Picnic setting x 1 and bench seat x 2
- Chain mesh fence
- Bridge crossing over Glenorie Creek

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone and Wianamatta Shale
- Small patch of vegetation community T1: *Syncarpia glomulifera*- *E. paniculata*- *A. costata* Sydney Turpentine-Ironbark Forest

View towards playground from northern edge with park bushland sector




Conservation Status

- The bushland on this site is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*

	<p>Condition / Impacts</p> <ul style="list-style-type: none"> • Most of the natural areas condition is poor with the creeklines being very poor. KMC 3/4/4(4) • The playground is in good condition <p>Overall condition</p> <ul style="list-style-type: none"> • Very poor (natural area) <p>Main Weeds</p> <ul style="list-style-type: none"> • Willow Tree, Privet, Honeysuckle and groundcovers including Wandering Jew, Crofton Weed, Bidens and exotic grasses
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Tree maintenance and mowing • Playground inspection and maintenance • Bushcare • Noxious weed control <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • Repairs and replacement of playground equipment and safety surfacing (Astroturf) as required • Repairs and replacement of furniture and fencing as required • Repairs, replacement, installation of pavement as required • Repairs, replacement bridge crossing as required
Comments	<ul style="list-style-type: none"> • Potential for Catchment Remediation/ riparian restoration of two creeks in the reserve • Glenorie Creek and tributary pass through this reserve from culvert entries at the southern and northeastern park corners. The creeks are contained within bushland • The southern corner of the park has cultural plantings as a result of adjacent residents' maintenance of this portion of the park. This is not seen as adverse to the park but should be limited from other park areas where only native regeneration is encouraged • There was a Bushcare Group named Tecoma Place Bushland attempting restoration in the creek area up to 2004 but they are no longer active
Level of Service Grading	Low-Medium
Existing Leases	None

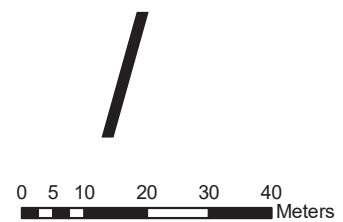


LEGEND:
CAIRNES ROAD PLAYGROUND & TECOMA DRIVE BUSHLAND

 Land Owner: Hornsby Shire Council
Land Categories: Natural Area, Park

 Glenorie Creek

Vegetation Community:
Sydney Turpentine-Ironbark Forest



Property	Glenorie Park: Sportsfield, Bushland & Kindergarten
Reserve No	312
Oracle Fixed Asset No	229091, 229248, 229296,
Matman Equipment No	2.312.0.0.0
Address	Old Northern Road (1761, 1763X, 1765X), Glenorie
Lot & DP	Lot 172 DP 48207 (Crown Reserve R98016 for Kindergarten with Council Trustees); Lot 7010 DP 93789 (Crown land D500408 for Public Recreation in 1894 with care, control and management devolving to Council); Lot 152 DP 752014 (Crown land D500408 land added to the park in 1972)
Area	20,875 sq m
Zoning	All is zoned Open Space A (Public Recreation - Local) except Lot 172 DP 48207 which is zoned Special Uses A (Community Purposes).
Land Owner	Crown
Classification	N/A
Community Land Category	Sportsground, General Community Use, Natural Area (Crown Land)
Subcategories	Bushland
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed

Description & Site Analysis**Facilities Provided**

- Carpark
- Sportsfield (soccer posts, cricket wicket), cricket shed and toilets
- Council Child Care Centre
- Bushland open space
- Two CRR sediment basins have been installed in the bushland reserve (Asset ID 192)

Glenorie Park Sportsfield**Natural & Cultural Heritage**

- Soil derived from Wianamatta Shale
- Vegetation community T1: *Syncompia glomulifera*- *E. paniculata*- *A. costata* Sydney Turpentine-Ironbark Forest
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Dedicated for public recreation in 1894 it has been a centre for a wide range of activities in early days with the Annual Fruit and Flower Show from 1907 to 1928, as well as being home ground for the Glenorie Cricket Club until it moved to the Baulkham Hills Shire. In the 1980s after years of being in a poor condition, the park received an upgrade in conjunction with a large building program in the adjoining Glenorie Public School

Conservation Status

- Sydney Turpentine-Ironbark Forest is of national conservation significance as it is listed as a Critically Endangered Ecological Community (for areas over 1 ha) under the *Environment Protection and Biodiversity Conservation Act (1999)* and an Endangered Ecological Community under the *Threatened Species Conservation Act (1995)*

Condition / Impacts

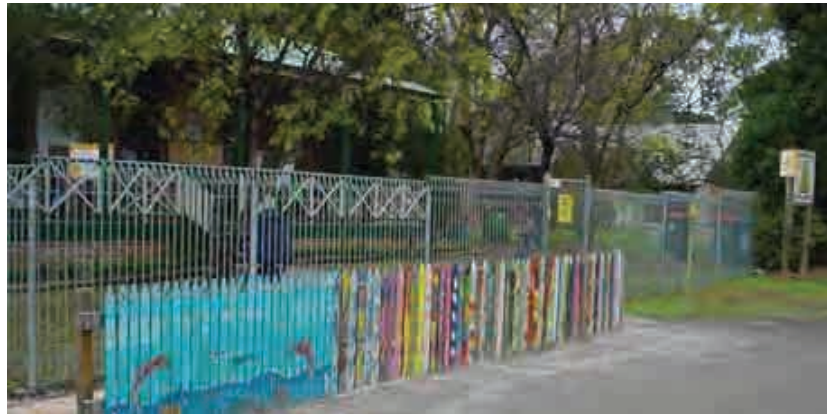
- The natural area is generally good. Some areas (especially adjacent to boundaries) are infested with Privet and Pittosporum are in poor condition.
- Where the Bushcare Group is actively restoring, vegetation is in good condition

Northern park Bushland sector showing maintained sediment basin and creek

- There is evidence of vehicular movements in the reserve as well as illegal disposal of soil, bricks and tyres



The Kindergarten is located at the southern end of Glenorie Park, leased from Council



Overall condition

- Good

Main Weeds

- Blackberry, Small-leafed Privet, Freisia, exotic roadside grasses

Management

Recurrent Expenditure

- Tree maintenance and mowing
- Bushcare activities
- Maintenance of toilet block and shelter shed
- Sportsfield line marking
- Change of season works
- Inspection and maintenance of irrigation system
- Spraying for control of weeds and pests
- Rubbish bin collection Sportsfield, 1 x 240L once a week
- CRR device maintenance

Exceptional Expenditure

- Repair and replacement of equipment as required
- Signage replacement
- Maintenance sediment basins and associated timber footbridge (Asset ID 192)
- Kindergarten upkeep and maintenance is not undertaken by Council



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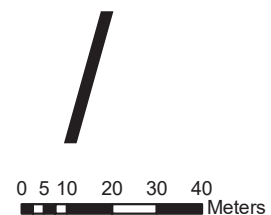
- Adjacent Kindergarten and internal playground upkeep and maintenance is not undertaken by Council
- A Bushcare Group (*Glenorie Park*) is active in the natural area of this reserve.
- An interpretive sign has been placed in the reserve as well as a new fire trail gate to restrict unwanted access to the natural area of the reserve


Level of Service Grading	Medium - High
Existing Leases	Glenorie Kindergarten



**LEGEND:
GLENORIE PARK AND KINDERGARTEN**




-  Land Owner: Crown Lands
- Land Categories: Natural Area,
Sportsground, General Community Use
-  Vegetation Community M:
Sydney Turpentine-Ironbark Forest
S.glomulifera-A.costata-E.paniculata

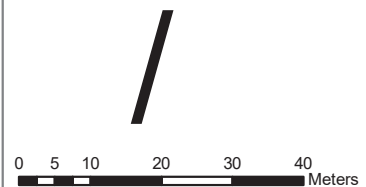


Property	Plantation Strip, Cairnes Road, Glenorie
Reserve No.	
Oracle Fixed Asset No.	105207
Matman Equipment No.	
Address	1X Cairns Road, Glenorie
Lot & DP	Plantation Strip Lot 12 DP 253944 (Freehold as Public Reserve)
Area	1,030 sq m
Zoning	Open Space A (Public Recreation – Local)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Park
Subcategories	No
Recategorised since Last POM	N/A
Relationship to Other Plans	Not previously included in a Plan of Management
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Informal open space • Plantation strip • Bus Stop <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Site contains no known Aboriginal relics. (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) • Soil derived from Wianamatta Shale <p>Conservation Status</p> <ul style="list-style-type: none"> • Glenorie Memorial Hall (Mission Hall) is heritage listed and regarded as being of local conservation significance (<i>Hornsby Shire LEP</i> 1994) <p>Condition / Impacts</p> <ul style="list-style-type: none"> • Good
Cairnes Road Plantation strip contains the bus shelter and remains to the left side of the roadway siding. The strip does not include the native buffer planting to the right side of the roadway	
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Tree maintenance • Mowing <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • An ecosol pit basket RSF10 has been installed in this reserve on Cairnes Road, Glenorie (Asset ID 193)
Comments	<ul style="list-style-type: none"> • The Plan of Management does not apply to land classified as Operational, including the Hall and Memorial Garden adjacent to the Plantation Strip, which are maintained by Council • Part of the existing landscape, including several significant native and non-native trees exist within the designated roadway corridor • The bus stop within the Plantation Strip is accessed via a roadway siding that runs parallel with Old Northern Road, not within Council land • Standpipe and water main in road reserve adjacent to plantation strip
Level of Service Grading	Low
Existing Leases	None



**LEGEND:
CAIRNES ROAD PLANTATION STRIP**

-  Land Owner: Hornsby Shire Council
Community Land Category: Park
-  Land Owner: Hornsby Shire Council
Categorisation: Operational Land
-  CRR Device



Property	Plantation Strip - Taupo Road, Glenorie
Reserve No	314
Oracle Fixed Asset No	105208
Matman Equipment No	
Address	2X Taupo Road, Glenorie
Lot & DP	Lot 74 DP 258001 (Freehold as Public Reserve)
Area	3,502 sq m
Zoning	Residential AR (Low Density – Rural Village)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Facilities Provided

- Roadside vegetated buffer

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* - Woodland
- Vegetation community A: *E. piperita*, *A. costata* – Forest

Conservation Status

- Vegetation communities A and D are well conserved

Condition / Impacts

- Vegetation condition is generally good, with few weeds but disturbance from tracks and driveways has fragmented the roadside vegetation

Overall condition

- Good

Main Weeds

- Kikuyu, Coreopsis

View within bushland



Management**Recurrent Expenditure**

- Tree / vegetation roadside maintenance
- Bushfire mitigation

Exceptional Expenditure

- Removal of track hazards

Comments


- Remnant vegetation is degraded by informal tracks, evidence of BMX bike track at the northern end and constructed driveway access at the southern end

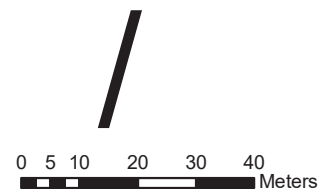
**Level of Service Grading
Existing Leases**

N/A
None



**LEGEND:
PLANTATION STRIP, TAUPO ROAD
GLENORIE**

 Land Owner: Hornsby Shire Council
Land Category: Natural Area



Property	Tekapo Road Bushland
Reserve No	82
Oracle Fixed Asset No	105302-105305
Matman Equipment No	1.71.3.0
Address	3X Tekapo Road, 46-48 Tecoma Road Glenorie
Lot & DP	Lot 66-68 DP 258001; Lot 88 DP 585835 (Freehold as Public Reserve)
Area	12,900 sq m
Zoning	Open Space A (Public Recreation - Local); Residential AR (Low Density – Rural Village)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area
Subcategories	Bushland, Watercourse (<i>Glenorie Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This reserve was included in the Significant Areas (Bushland) Plans of Management and Action Plans. This plan overrides that plan as the reserve does not contain Sydney Turpentine-Ironbark Forest. The reserve will be removed from the Significant Areas (Bushland) Plans of Management and Action Plans when it is updated

Description & Site Analysis

Facilities Provided

- Bushland open space
- Water quality CRR device

Natural & Cultural Heritage

- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- Soil derived from Hawkesbury Sandstone
- Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* - Woodland
- Vegetation community A: *E. piperita*, *A. costata* – Forest

Conservation Status

- Vegetation communities A and D are well conserved

Condition / Impacts

- The creek areas are degraded with a lot of weed infestation and considered to be in poor condition. There are also weeds along the rural and suburban boundary interface
- The core of the bushland not affected by the creek is very good
-


View of well-conserved forest community at Tekapo Road Bushland



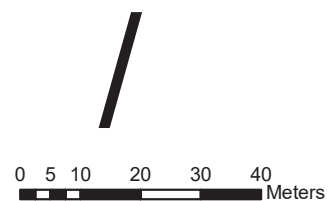
Management	Overall condition
	<ul style="list-style-type: none"> • Good
	Main Weeds
	<ul style="list-style-type: none"> • Privet, Wild Tobacco, Blackberry, Crofton Weed, Bridal Creeper
	Recurrent Expenditure
	<ul style="list-style-type: none"> • Maintenance of CRR device • Tree maintenance • Noxious weed control • Bushfire mitigation
	Exceptional Expenditure
	<ul style="list-style-type: none"> • A gross pollutant device (trash rack) has been installed adjacent to this reserve on Tecoma Drive, Glenorie (Asset ID 19)
Comments	<ul style="list-style-type: none"> • Monthly water testing has been carried out upstream of the gross pollutant device in Glenorie Creek on Tekapo Avenue, Glenorie since 1999/2000. In 2001/2002 physical indicators were ranked “fair”, chemical indicators were ranked “very poor” and primary contact was ranked “very poor” (Hornsby Shire Council 1999) • A possible site for CRR riparian restoration work • Rabbits are a problem in the reserve
Level of Service Grading	N/A
Existing Leases	None



LEGEND: TEKAPO ROAD BUSHLAND

 Land Owner: Hornsby Shire Council
 Land Category: Natural Area

 CRR Device

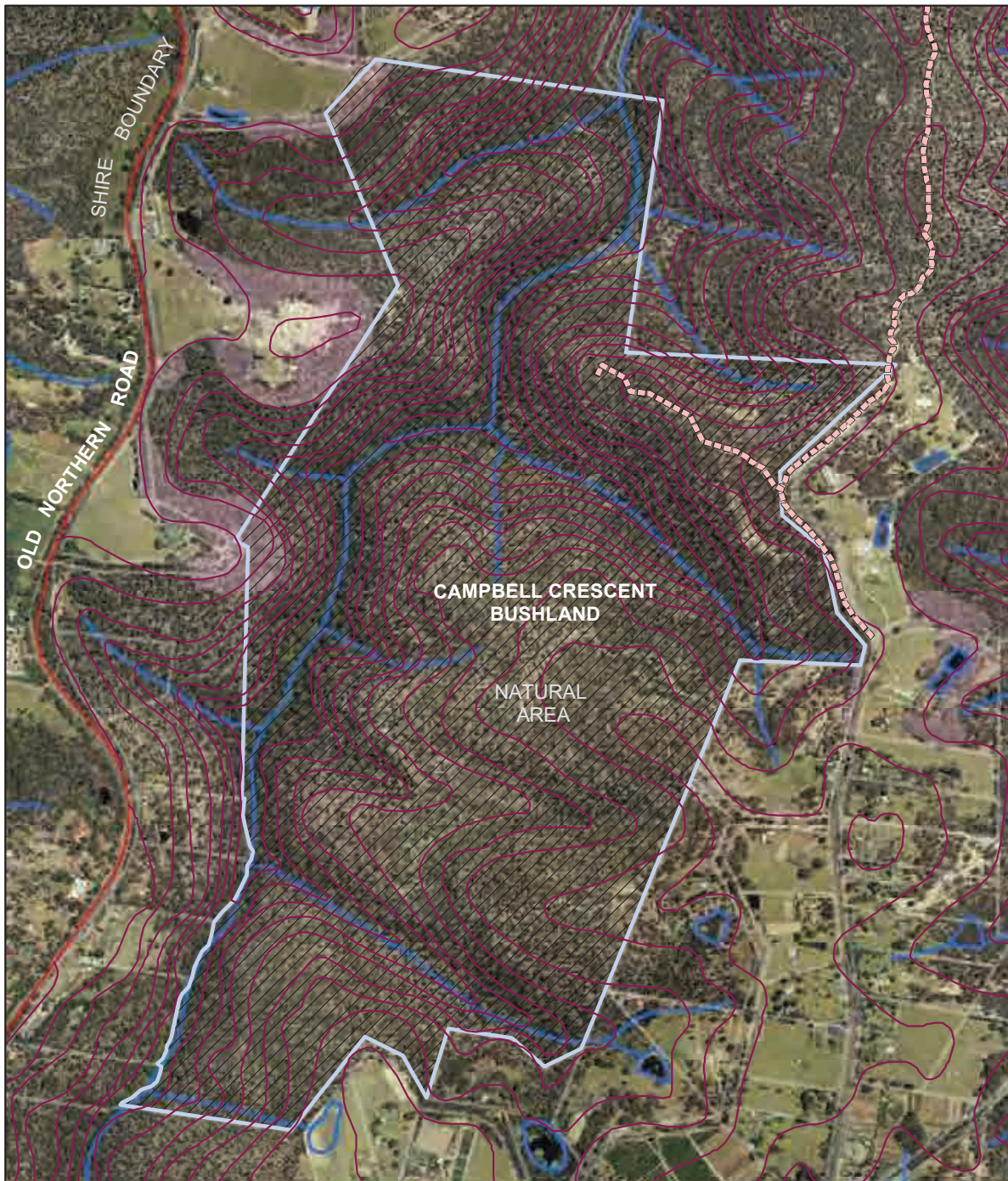


MARROOTA




Property Reserve No	Campbell Crescent Bushland
Oracle Fixed Asset No	422
Matman Equipment No	229022
Address	None
Lot & DP	7X Campbell Crescent, Maroota Lot 7012 DP 1061542 (Crown Land R84849 for Preservation of Flora with Council made Trustees 14/9/1979)
Area	1,378,362 sq m
Zoning	Environmental Protection B (River Catchment); Open Space A (Public Recreation - Local); Rural AR (Large Holdings - Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area (Crown Land)
Subcategories	Bushland, Watercourse (<i>Glenorie Creek</i>)
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994), however there would be a high potential for Aboriginal sites if the reserve was surveyed Soil derived from Hawkesbury Sandstone Vegetation community A: <i>E. piperita</i>, <i>A. costata</i> – Open Forest Vegetation community D: <i>E. punctata</i>, <i>E. gummifera</i>, <i>E. haemastoma</i> - Woodland Vegetation Community G: <i>E. haemastoma</i>, <i>A. hispida</i>, <i>Banksia ericifolia</i> – Low Open Woodland Vegetation Community H: <i>Acacia suaveolens</i>, <i>Allocasuarina distyla</i>, <i>Angophora hispida</i> - Rock Platform Heath <p>Conservation Status</p> <ul style="list-style-type: none"> Vegetation Community H is considered a Regionally Significant Community as it an important habitat for threatened plant species Vegetation Communities A, D and G are well conserved <p>Condition / Impacts</p> <ul style="list-style-type: none"> Vegetation condition is generally very good. Some weed infestations occur at drainage watercourses and the rural boundary interface with these areas considered in fair condition <p>Overall condition</p> <ul style="list-style-type: none"> Very good <p>Main Weeds</p> <ul style="list-style-type: none"> Crofton Weed, Privet, Whiskey Grass
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> Fire trail/gate maintenance Vegetation/ tree maintenance on roadsides Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> N/A
Comments	<ul style="list-style-type: none"> There is a short fire trail through the eastern part of the reserve which is proposed for closure There is evidence of some old rubbish dumping and areas of past disturbance This is a large bushland area that has not been fully surveyed for condition or threatened species
Level of Service Grading	N/A
Existing Leases	None

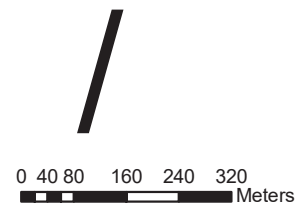
View within reserve





LEGEND: CAMPBELL CRESCENT BUSHLAND

-  Land Owner: Crown
Land Category: Natural Area
-  Vegetation: Shale Sandstone Transition Forest
-  Fire Trails



Property	Molesworth Park
Reserve No	423
Oracle Fixed Asset No	229093
Matman Equipment No	None
Address	1X Laughtondale Gully Road, Maroota
Lot & DP	Lot 84 DP 752029 (Crown Land R54600 for Public Recreation with Private Trustees in 1922)
Area	18,201 sq m
Zoning	Rural AR (Large Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area (Crown Land), General Community Use
Subcategories	Bushland
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis

Natural & Cultural Heritage

- Soil derived from Hawkesbury Sandstone
- Vegetation Community G: *E. haemastoma*, *A. hispida*, *Banksia ericifolia* – Low Open Woodland
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- On 4 February 1920 the Windsor and Richmond Gazette reported the first sports day as being held on this site which included cricket and bicycle races. At that time Mr Molesworth, MLA was seeking to secure land for a park. In 1921 the park was set aside by the Department of Lands and in 1922 private trustees were gazetted. A local resident wrote to her local member in 1992 asking what had happened about the development of Molesworth Park. Council also began its own investigation into the park's location and found the park after meeting with local residents in 1992. The site visit revealed that the park consisted of native vegetation, material stockpile and a 65 year old cricket wicket

View showing sandy floor derived from Hawkesbury Sandstone



View showing reedy embankment



Park view



Conservation Status

- Vegetation community G is well conserved

Condition / Impacts

- The bushland is in very good condition and an excellent example of sandstone vegetation
- There are some weeds near the roadside and around the materials stockpile site at the southeastern corner of the reserve

Overall condition

- Very good

Main Weeds

- Blackberry, Lantana, Kikuyu and Whiskey Grass

Management

Recurrent Expenditure

- Tree / vegetation maintenance
- Bushfire mitigation

Exceptional Expenditure

- N/A

Comments

- There is a materials stockpile on the reserve
- There are two unauthorised tracks through the reserve to the adjoining private land

Level of Service Grading


N/A

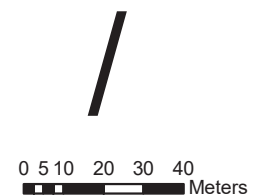
Existing Leases

None



**LEGEND:
MOLESWORTH PARK**

-  Land Owner: Crown Lands
Land Categories: Natural Area,
General Community Use



Property	Wisemans Ferry Bushland and former tip site, Maroota
Reserve No	530
Oracle Fixed Asset No	229037
Matman Equipment No	
Address	Old Northern Road, Maroota
Lot & DP	Lot 7001 DP 93558 (Crown Land R87245 for Rubbish Depot with Council Trustees in 1969)
Area	149,292 sq m
Zoning	Environmental Protection B (River Catchment); Rural AR (Large Holdings – Rural Landscapes)
Land Owner	Crown
Classification	N/A
Community Land Category	General Community Use, Natural Area
Subcategories	Bushland, Watercourse
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998

Description & Site Analysis**Facilities Provided**

- Former rubbish tip – now closed
- Remediation area
- Bushland open space

Natural & Cultural Heritage

- Soil derived from Hawkesbury Sandstone
- Vegetation Community A : *E. piperita*, *A. costata* – Open Forest and Vegetation community D: *E. punctata*, *E. gummifera*, *E. haemastoma* - Woodland
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)

View showing bushland fringe in background and former tip site requiring regeneration

**Conservation Status**

- Vegetation communities A and D are well conserved

Condition / Impacts

- The bulk of the bushland is in very good condition
- There is an area of weed infestation on the downslope edge of the former tip site


Overall condition

- Very good

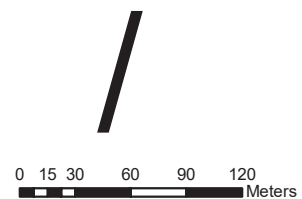
	<p>Main Weeds</p> <ul style="list-style-type: none"> • Castor Oil Plant, Crofton Weed, exotic grasses
Management	<p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Maintenance of remediation site • Tree/ vegetation management • Noxious weed control • Bushfire mitigation <p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • Remediation and revegetation of former tip
Comments	<ul style="list-style-type: none"> • The rubbish tip was closed in February 2006. A closure plan has been prepared and submitted to the NSW EPA for approval • Monthly water testing has been carried out in the final leachate pond at Wisemans Ferry Tip since 1996. In 2001/2002 physical indicators were ranked “very poor” and chemical indicators were ranked “very poor”
Level of Service Grading	N/A
Existing Leases	None



LEGEND:
WISEMANS FERRY RUBBISH TIP

 Land Owner: Crown Lands

Land Category: General Community Use,
Natural Area



WISEMANS FERRY

Property Reserve No	Singleton Mill Road Bushland & Wisemans Ferry Cemetery
Oracle Fixed Asset No's	310
Matman Equipment No's	106030, 106031, 229024, 229086, 229139, 229186, 229211, 229218
Address	2.203.0.0, 1.126.3.0, 1.127.3.0
Lot & DP	Singleton Road, Wisemans Ferry
	Lot 7004 DP 93995 (Crown - General Cemetery controlled by Council), Lots 99951- 99955 DP 42000 (Crown land R45642 for Public Recreation notified 24/08/1910 with care, control and management devolving to Council include Crown Lands within 402.3m (20 chain) of the H.W.M. of the southern shores of the Hawkesbury River and its arms between Wisemans Ferry and Brooklyn)
Area	525,290 sq m
Zoning	Lot 7004 DP 93995 is zoned Special Uses A (Community Purposes) and Lots 99951- 99955 DP 42000 are zoned Open Space A (Public Recreation - Local)
Land Owner	Crown
Classification	NA
Community Land Category	General Community Use, Natural Area
Subcategories	Bushland, Foreshore
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996

Description & Site Analysis

Facilities Provided

- Cemetery
- Bushland open space

Natural & Cultural Heritage

- Site contains no known Aboriginal relics (Koettig, 1996)
- Site contains European heritage items listed as being of State heritage significance (*Hornsby Shire LEP*, 1994) being the resting places of many early settlers and convicts
- Soil derived from Hawkesbury Sandstone and Narrabeen Group sediments
- Vegetation community R: *Angophora bakeri* – Open Forest
- Vegetation community A: *E. piperita*, *A. costata* – Open Forest
- Vegetation community O2: *Backhousia myrtifolia* – Rainforest
- Vegetation community T: *Eucalyptus eximia* - Woodland
- Vegetation community W: Mangrove Swamp

View from bushland track over cemetery



Conservation Status

- Vegetation community O2: Warm Temperate Rainforest is poorly conserved in the Sydney region and is regarded as being of Regional Conservation Significance

- Vegetation community R: Narrow-leaved Apple Slopes Forest is poorly conserved in the Sydney region and is regarded as being of Regional Conservation Significance
- Vegetation community W has an important role in the ecological health and productivity of the estuary and is regarded as being of Local Conservation Significance
- Communities A and T are well conserved

Condition / Impacts

- The bushland is in very good condition and an excellent example of Narrabeen Slopes vegetation
- There is some roadside lantana and exotic grasses near the cemetery that would be classified as fair

View from upper cemetery area, encircled by bushland, with views out over the Hawkesbury River



Overall Condition

- Very good

Main Weeds

- Lantana, Wild Tobacco, exotic grasses

Management

Recurrent Expenditure

- Tree maintenance
- Mowing
- Cemetery operations
- Noxious weed control
- Bush fire mitigation

Exceptional Expenditure

- N/A

Comments

- The cemetery is still in operation
- Singleton Mill Road splits through the reserve adjacent to the foreshore, where a strip of bushland forms an edge with the waterway
- This reserve is a designated Wildlife Protection Area

Level of Service Grading

Low

Existing Leases

None



**LEGEND:
WISEMANS FERRY
CEMETERY AND BUSHLAND**




Land Owner: Crown Lands

Land Category: General Community Use,
Natural Area




0 50 100 200 300 400
Meters

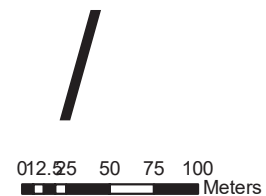
Property	One Tree Reach Wetland (unnamed bushland - Singleton Mill in land register)
Reserve No	none
Oracle Fixed Asset No	229065
Matman Equipment no	None
Address	Singleton Road, Wisemans Ferry
Lot & DP	Lot 101 DP 752029 (Crown Reserve R45642 for Public Recreation notified 24/08/1910 with care control and management devolving to Council)
Area	40,757 sq m
Zoning	Environmental Protection A (Wetlands)
Land Owner	Crown
Classification	N/A
Community Land Category	Natural Area
Subcategories	Bushland
Recategorised since Last POM	No
Relationship to Other Plans	It has not been included in any former Plan of Management. This area will be included in the Significant Areas – Bushland Plan of Management when it is reviewed
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> Bushland / wetland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994) Soil derived from Hawkesbury Sandstone Vegetation Community SF1: Swamp Mahogany Forest, Community SF2: Floodplain Paperbark Scrub and Community SF3: Floodplain Reedland <p>Conservation Status</p> <ul style="list-style-type: none"> Swamp Mahogany Forest, Floodplain Paperbark Scrub and Floodplain Reedland are forms of Swamp Sclerophyll Forest on Coastal Floodplains of the NSW North Coast, Sydney Basin and South East Corner Bioregions. These forest communities are of State conservation significance and are listed as an Endangered Ecological Community under the <i>Threatened Species Conservation Act</i> (1995)
View showing floodplain vegetation in foreground	
	<p>Condition / Impacts</p> <ul style="list-style-type: none"> The wetland is in very good condition and an excellent example of floodplain vegetation There is some roadside lantana and exotic grasses (1/1/1(1)) but these are isolated. The main waterbody was unsurveyed <p>Overall condition</p> <ul style="list-style-type: none"> Very good

Management	<p>Main Weeds</p> <ul style="list-style-type: none"> • Lantana, Blackberry, Kikuyu, Bidens <p>Recurrent Expenditure</p> <ul style="list-style-type: none"> • Tree/vegetation maintenance • Bushfire mitigation
Comments	<p>Exceptional Expenditure</p> <ul style="list-style-type: none"> • Waterbird and ecological survey • Ongoing monitoring of wetland health <ul style="list-style-type: none"> • This is a highly significant reserve in Hornsby Shire and more active monitoring and management may be required in the future
Level of Service Grading	N/A
Existing Leases	None



**LEGEND: VACANT LAND
SINGLETON ROAD WISEMANS FERRY**

-  Land Owner: Crown Lands
Land Category: Natural Area
Vegetation:
Swamp sclerophyll forest
Swamp oak woodland
Saltmarsh



Property Reserve No	Wisemans Ferry Lookout (also known as Hawkins Lookout)
Oracle Fixed Asset No	144
Matman Equipment No	106064
Address	1.157.3.0
Lot & DP	Old Northern Road, Wisemans Ferry
Area	Lot 3 DP 232210 (Freehold as Public Reserve)
	111,410 sq m
Zoning	Environmental Protection B (River Catchment)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Natural Area, Park
Subcategories	Bushland, Watercourse
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the draft Generic Bushland Plan of Management dated 1998
Description & Site Analysis	<p>Facilities Provided</p> <ul style="list-style-type: none"> • Vehicular egress / parking area • Bushland open space <p>Natural & Cultural Heritage</p> <ul style="list-style-type: none"> • Soil derived from Hawkesbury Sandstone • Vegetation community A: <i>E. piperita</i>, <i>A. costata</i> - Forest • Vegetation community D: <i>E. punctata</i>, <i>E. haemastoma</i> - Woodland • Vegetation community O2: <i>Backhousia myrtifolia</i> - Closed Forest • Vegetation community R: <i>Angophora bakeri</i> - Forest • Vegetation community SO: <i>Casuarina glauca</i>- Swamp Oak Floodplain Forest • Vegetation community T: <i>E. eximia</i> - Woodland • Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, <i>Hornsby Shire LEP</i>, 1994), although there would be a high potential for Aboriginal sites to occur if the area were surveyed • The 10 ha park was sold to Hornsby Shire Council in 1967 funded by the sale of other Council land. The location allows visitors to view the Hawkesbury River from above a junction of Singletons Road and Old Northern Road. The name 'Hawkins Lookout' is the same as that in the Baulkham Hills Shire, being named after an overseer on the original North Road. The park was developed in 1978, and received an upgrade in 1993. Funds will be spent in 2006 to relocate the lookout to a new position and remove environmental weeds
Former lookout site to be upgraded in 2006	



Conservation Status

- Vegetation Community SO, Swamp Oak Floodplain Forest, is an Endangered Ecological Community in NSW listed under the *Threatened Species Conservation Act (1995)*
- Vegetation Community R Narrow-leaved Apple Slopes Forest and vegetation community O2 Grey Myrtle Rainforest are Regionally Significant Community in the Sydney Region

- The threatened flora species *Olearia cordata* has been recorded in this reserve
- Vegetation communities A, D and T are well conserved

Condition / Impacts

- All the core bushland condition is very good KMC1/1/1(1). At the cleared picnic area the vegetation is poor condition and below the lookout is also an infestation of Robinia and in fair condition
- The bottom 100m of the riparian area is also in fair condition

Overall condition

- Good

Main Weeds

- Privet, Lantana, Coral Tree, small and large Purple Top, Paddys Lucerne, Blackberry - North American Dewberry, Cotton Bush, Cassia, Paspalum, Bidens, Rhodes Grass, Sunshine Wattle, Turkey Rhubarb

Management

Recurrent Expenditure

- Tree / vegetation management
- Mowing
- Bushfire mitigation
- Maintenance of picnic table and facilities
- Noxious weed control
- Chain mesh fence repair

Exceptional Expenditure

- Upgrade of facilities at lookout including fences, furnishings
- Riparian vegetation restoration at foreshore

Comments

- This is a large bushland area extending from the ridgetop of Old Northern Road all the way to the foreshore of the Hawkesbury River
- A designated Wildlife Protection Area

Level of Service Grading


Low – *This will be reviewed following planned reserve upgrade*

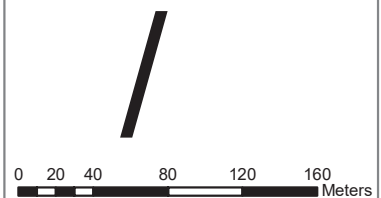
Existing Leases

None



**LEGEND:
WISEMANS FERRY LOOKOUT**

-  Land Owner: Hornsby Shire Council
- Land Categories: Park, Natural Area



Property	Wisemans Ferry Public Wharf
Reserve No	309
Oracle Fixed Asset No	105402 - 105406
Matman Equipment No	6.309.0.0
Address	River Road, Wisemans Ferry
Lot & DP	Crown Land- Permissive Occupancy to Council
Area	83 sq m
Zoning	Not zoned
Land Owner	Crown
Classification	N/A
Community Land Category	General Community Use
Subcategories	N/A
Recategorised since Last POM	Yes
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996

Description & Site Analysis**Facilities Provided**

- Vehicular ferry crossing point and ferry
- Timber Wharf / jetty x 1, concrete wharf and mooring points (in water and to forshore)
- Boat ramp and carpark / turning bay
- Pathway with lighting

Natural & Cultural Heritage

- The public wharf and ferry site contains no known Aboriginal relics but the cable ferry is listed in the Hornsby Shire LEP as an item of local significance (Koettig, 1996, Hornsby Shire LEP, 1994)
- The ferry was established by Solomon Wiseman in 1827 after he wrote to the Colonial Secretary informing him that he had built a punt and requesting a lease of the ferry on the Hawkesbury near his residence. The ferry service continued for many years. As late as 1894 Wisemans Ferry was the principal crossing place for large herds of cattle bound for the Sydney market. Hornsby Council now operates the ferry service, which is the longest established ferry service in Australia
- The foreshore contains active bush regeneration sites

View from southernmost jetty showing mooring point, timber jetty in mid-ground and historic cable ferry making the crossing from the northern end of the reserve

**Conservation Status**

- The cable ferry is an item of local heritage significance

Condition / Impacts

- Good

Main Weeds

- Aquatic weeds are evident along the foreshore

Management**Recurrent Expenditure**

- Mowing

Exceptional Expenditure


- Repair of wharf and foreshore retaining wall / embankment as required
- Maintenance of pathway and lighting as required

Level of Service Grading Low

Existing Leases None

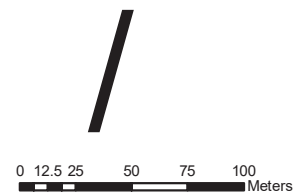


LEGEND:
WISEMANS FERRY PUBLIC WHARF

 Land Owner (Wharf 2 only): Crown Lands

Land Category: General Community Use

NB: Subject site including foreshore land neither owned by Council or the Crown below the tidal flow line



Property	Wisemans Ferry Recreation Reserve
Reserve No	203
Oracle Fixed Asset No	105450
Matman Equipment No	2.203.0.0
Address	River Road, Wisemans Ferry
Lot & DP	Lot 4 DP 566926 (Freehold)
Area	83,703 sq m
Zoning	Open Space A (Public Recreation - Local)
Land Owner	Hornsby Shire Council
Classification	Community Land
Community Land Category	Sportsground, Park
Subcategories	N/A
Recategorised since Last POM	No
Relationship to Other Plans	This plan supersedes the Generic Parks and Reserves Plan of Management adopted 1996 and the Generic Sportsground Plan of Management adopted 1996

Description & Site Analysis**Facilities Provided**

- Sports fields (x 2) with cricket wickets (1x Astro turf)
- Cricket nets
- Tennis courts with lighting
- Blockwork tennis practice wall
- Picnic shelter over 3 picnic settings to courts
- Picnic tables (uncovered) x 4, one within playground enclosure
- Toilets
- Playground, fenced
- Bench seats x 4, one within playground enclosure
- Hornsby Shire Council Centenary Plaque on sandstone boulder at park frontage
- Informal parking area

Natural & Cultural Heritage

- Soil derived from Hawkesbury Sandstone
- Site contains no known Aboriginal relics or European heritage items (Koettig, 1996, *Hornsby Shire LEP*, 1994)
- The land is part of an area granted to Solomon Wiseman in 1830. The large flat area in front of his home Cobham Hall was used mustering cattle *en route* to the Sydney market. In 1964 the Wisemans Ferry Chamber of Commerce wrote to Hornsby Shire Council asking for the provision of recreation and sporting areas and fields adjacent to the wharf. The land was purchased from Mr N. A. Hansen of Maroota in 1967 and was partially developed as park and sportsground in the mid 1980s.

Management**Recurrent Expenditure**

- Tree maintenance
- Mowing
- Spraying for weeds and pests
- Inspection and maintenance playground equipment and softfall
- Inspection and cleaning toilet facilities
- Trash rack litter removal
- Rubbish collection, 1 x 240L wheelie bin, 2 x 55L Pebblecrete bins, once a week

Exceptional Expenditure

- Repair and replacement of facilities as required due to wear and tear and vandalism
- Repair fences as necessary (includes post and wire, pool fence, pine bollards fence types)
- Repaint tennis wall
- Maintenance tennis courts, nets, surface and lighting as required
- Repair toilet facilities as required

Condition / Impacts

- Good. Bush regeneration is active along the foreshore frontage

**View towards Berowra Creek
from main sportsfield / open
space area**



Playground



Comments / other

- Contract bush regeneration has commenced in Wisemans Ferry Recreation Reserve
- A ski jump litter trap has been installed in this reserve on Old Northern Road, Wisemans Ferry (Asset ID 38)

Comment

- It has been suggested that the Wisemans Ferry Bowling Club may wish to take on management of part of the reserve for the purpose of providing recreation facilities. This may be through a lease or licence for an extended period or through a delegation of authority under the Local Government Act. From time to time, seasonal licences may be granted to community sports clubs for the use of the facilities

Level of Service Grading

Medium

Existing Leases

None



**LEGEND:
WISEMANS FERRY
RECREATION RESERVE**

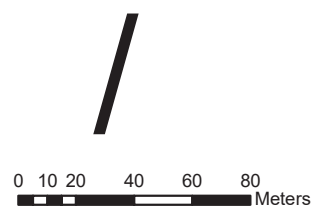


Wisemans Ferry Recreation Reserve
Land Owner: Hornsby Shire Council

Land Categories: Park, Sportsground



Catchment remediation device



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APPENDIX 1: BEST MANAGEMENT PRACTICES FOR SPORTSTURF

Must replace information sheets on each of the Turf, main and reserve strategies are being developed by the Hawkebury Nepean Catchment Management Trust in consultation with our sportsturf experts.

The most effective way to address the impact of nutrients from your sportsturf facilities is through an Environmental Management Program.

Environmental Management Program

This type of program must include:

- The management plan to provide objective standards, time schedules and technical details
- A management system to organize staff responsibilities, training and efficient communication
- Review and monitoring process to determine the progress of the programs so that the necessary adjustments can be made

A framework for an Environmental Management Program is also being developed by the Trust and supporting agencies.

Our communities will demonstrate more effective environmental control from all of our facilities. In a lot of areas, sportsturf managers have been leading the way in terms of nutrient management and control. Through this Information Program, the sportsturf operators are made to maintain the position of prominence.

For further information call
Hawkebury Nepean Catchment Management Trust
(0439 774 242)
















Sportsturf	What's the Problem?	What's Causing the Problem?	Best Management Practices
<p>Particulate, playing fields and golf courses are features of the modern urban landscape.</p> <p>Well designed and well managed, these areas of sportsturf can have significant environmental benefits including the preservation of open space on cities and the conservation of native flora and fauna.</p> <p>Applying the principles of planned catchment management to these areas, i.e. trying to manage the water which flows off the sportsturf site as it is flowing, as the water which flows into it, can also enhance water quality.</p> <p>Poor design and management can generate problems and hence opportunities which, if taken, saves costs and causes environmental damage.</p> <p>The water will be supported by a series of information assets to be developed by specialists in the field of sportsturf management. The purpose is to encourage good design and good management practice.</p> <p>The waters and other information activities are being developed by leading practitioners in the field of sportsturf management under the direction of the Hawkesbury Nepean Catchment Management Trust and with the support of professional associations.</p> <p>They are being developed to help reduce the amount of nutrient flowing from your sportsturf facility and into local waterways.</p> <p>The Hawkesbury Nepean Catchment Management Trust was established by the NSW Government to bring people together to establish ways to better protect the whole of the Hawkesbury Nepean Catchment. This information has been circulated in the catchment and beyond in order to protect all of our waterways.</p>	<p>There is simply too much nutrient like phosphorus, entering our waterways. Too much nutrient can lead to excessive weed growth and algal blooms, even toxic blue green algal blooms. It is up to all of us to do what we can to reduce the amount of nutrient flowing into our rivers, creeks, lakes, lagoons and estuaries.</p> <p>Nutrient reduction programs like this one are being put in place all over NSW. They encourage businesses, schools, clubs and turf growers to help reduce the amount of nutrient flowing into our lakes and waterways.</p>	<p>Nutrient sources include:</p> <ul style="list-style-type: none"> • leachings of all types including organics which can be transported from sportsturf and surface runoff, washed through the soil profile or escape from structures, sliding and equipment • soil that flows through the erosion of stormwater run off particles • grass clippings washing into adjacent waterways 	<p>Some simple things we can all do to achieve the three R's of nutrient reduction include:</p> <ol style="list-style-type: none"> 1. Reduce <ul style="list-style-type: none"> • Select turf with lower nitrogen and irrigation requirements • Increase areas of rough or maintain more naturally vegetated areas • Plan a fertilizer program • Limit fertilizer to very heavy duty areas • Use the absolute minimum quantity of fertilizer required • Use him or his phosphorus fertilizers where possible • Optimize all rice fertilizer turf growth 2. Retain Nutrients in the Soil where they are useful <ul style="list-style-type: none"> • Some activities you may consider include: <ul style="list-style-type: none"> • Time fertilizer applications carefully • Cleanup fertilizer spills promptly • Thoroughly dispose of nutrient rich waste materials • Prevent soil erosion 3. Remove Nutrients before they escape to adjacent Waterbodies <ul style="list-style-type: none"> • Some activities include: <ul style="list-style-type: none"> • Contour drain the facility if possible so all on site runoff is retained on the site in dams and recycled through irrigation • Construct sedimentation ponds to prevent discharges • Develop a maintenance program for ponds and wetlands to ensure continuous sediment function <p>These are just some examples of best management practice</p>

APPENDIX 2: HORNSBY SHIRE LEP 1994 – MINOR COUNCIL WORKS

MINOR COUNCIL WORKS

Savings

Section 6(3) of the Hornsby Shire Local Environmental Plan 1994 permits Council to undertake the following minor works without obtaining development consent:

- “6. (3) *Development carried out by or on behalf of the Council for the purposes of the following may be carried out on any land without development consent:*
- a) *construction or maintenance of stormwater drainage, water quality treatment devices, water tanks, recreation areas, public amenities, temporary storage facilities;*
 - b) *installation or maintenance of street furniture, such as seats, Council information signs, street signs, street lights, bus shelters, garbage and recycling containers and bins, bollards, flag poles, telephone kiosks and the like, but not fixed outdoor vending machines;*
 - c) *construction and maintenance of roads, footpaths, cycleways, parking areas, fire trails, walking tracks and other public pedestrian areas, roads, including tree planting and repaving, street surfacing, reconstruction of kerbs, gutters and the like;*
 - d) *installation or maintenance of park furniture including seats, picnic tables, barbecue units and shelters, awnings and shade structures, gazebos and pergolas, bollards, playground equipment, flag poles, bridges, staircases, boardwalks, lighting (excluding ovals, tennis courts and the like);*
 - e) *information signs;*
 - f) *installation and maintenance of goal posts, sight screens, fencing and similar ancillary sporting structures on sporting or playing fields for use in the playing/performance of sporting events (excluding grandstands, dressing sheds and other structures);*
 - g) *installation and maintenance of temporary structures for special events, including marquees, booth toilets, stages, tents, scaffolds and the like;*
 - h) *bush fire hazard reduction carried out in accordance with a bush fire management plan under the Rural Fires Act 1997;*
 - i) *bush regeneration, landscaping, gardening, tree planting, tree maintenance and tree removal.”*

The proposals are assessed under Part V of the Environmental Planning and Assessment Act, 1979.

Council is required to notify and exhibit minor work proposals. Section 6(4) – (5) of the Hornsby Shire Local Environmental Plan 1994 requires that:

- “(4) *The Council shall not undertake any works in accordance with subclause (3), unless it has given written notice to such persons who own or occupy the land adjoining the land on which the work is to be undertaken and the Council has considered any written submission made in relation to the works.*
- (5) *Regardless of subclause (4), the Council need not give written notice of a work proposed to be undertaken in accordance with subclause (2), where, in the opinion of the Council, the work is of a minor nature or has previously been the subject of community consultation.”*

The Notification Protocol on the following page details the circumstances and procedures for the notification and exhibition of minor work proposals.

MINOR WORKS - NOTIFICATION ELEMENT

Objective of element

To enable community notification and participation in Council's minor works proposals, which do not require development consent.

Performance criteria

Residents and land owners should be advised of Council's minor works proposals, which could potentially affect the residents or property.

The notification should encourage public participation and provide sufficient opportunity for input prior to the commencement of the minor work.

Prescriptive Measures

Residents or property owners should be notified of the following works:

- the installation or maintenance of stormwater drainage lines, on private property or in road reserves in front of residential properties;
- the construction or re-surfacing of roads on road reserves in front of residential properties;
- the construction of new fire trails, footpaths, bicycle paths and the like, in proximity to residential properties;
- the installation of new street and park furniture;
- the erection of new grandstands, dressing sheds and other structures at parks and ovals;
- bush fire hazard reduction (as required by the *Rural Fires Act 1997*);
- the removal of trees listed as heritage items in Schedule D of the *Hornsby Shire Local Environmental Plan 1994* or which are assessed as significant;

- minor road maintenance works (such as the repair of potholes);
- bush regeneration, landscaping, gardening, tree planting, tree maintenance or tree removal (except trees listed as heritage items in Schedule D of the *Hornsby Shire Local Environmental Plan 1994* or which are assessed as significant);

The notification shall be in the form of a letter (either posted or delivered) to the owner or resident advising of the proposed work, when it will commence and the construction period. It should also provide the opportunity to inspect any documentation.

The notification should provide for a minimum period of 14 days for the inspection of documentation and submission of resident's comments.

The Council may amend the minor work proposal on the basis of the submissions.

Residents or property owners are not required to be notified in the following circumstances:

- the proposal has been previously exhibited for community comment as part of Plans of Management or works programs;
- the maintenance of street and park furniture in public places and road reserves;
- the installation or maintenance of sporting structures (excluding the erection of new grandstands, dressing sheds and other structures) at public ovals and parks;
- the installation of temporary structures on public land, if in accordance with the Plan of Management for the land;
- road maintenance works, drainage works or tree removal works which need to be undertaken urgently to maintain public health and safety;

If the commencement of minor works is delayed by poor weather or other circumstances, the proposal is not required to be re-notified. Any residents directly affected by a delayed proposal should be given 2 days notice prior to the commencement of works.

APPENDIX 3: Park Rules

PUBLIC RESERVES NOTICE



PARK RULES

This is your park. It is provided for your use, enjoyment and education. Please respect the area by encouraging activities which do not damage the environment, or disturb the enjoyment of others.

To provide for sustainable use and enjoyment, Council has prohibited the following in this reserve:



1
NO FIRES EXCEPT
IN AUTHORISED
FIREPLACES



2
NO CAMPING OR
STAYING OVER
NIGHT



3
NO LITTERING OR
DEPOSITING OF
ANY MATERIAL



4
NO DAMAGE TO
PARK FACILITIES



5
NO GOLF OR
ARCHERY



6
NO
UNAUTHORISED
VEHICLES



7
NO ANIMALS
EXCEPT LEASHED
DOGS

8. No hawking or trading except with Council's written permission
9. No activities which may interfere with the comfort, convenience or safety of the public
10. No use or sale of alcohol except with Council's written permission
11. No entering or remaining in the park in an intoxicated state
12. No offensive or disorderly behaviour
13. No meetings, public addresses, performances or organised activities except with Council's written permission
14. No interfering with flora, fauna, infrastructure or other landscape features except with Council's written permission
15. No dogs within ten metres of barbeques, picnic tables or play equipment

PENALTIES APPLY FOR FAILURE TO OBSERVE THE ABOVE REGULATIONS

BY ORDER OF COUNCIL

APPENDIX 4: Leasing and Licensing of Community Land

Extract from the Local Government (General) Amendment (Community Land Management) Regulation 1999 Regarding Leasing and Licensing of Community Land

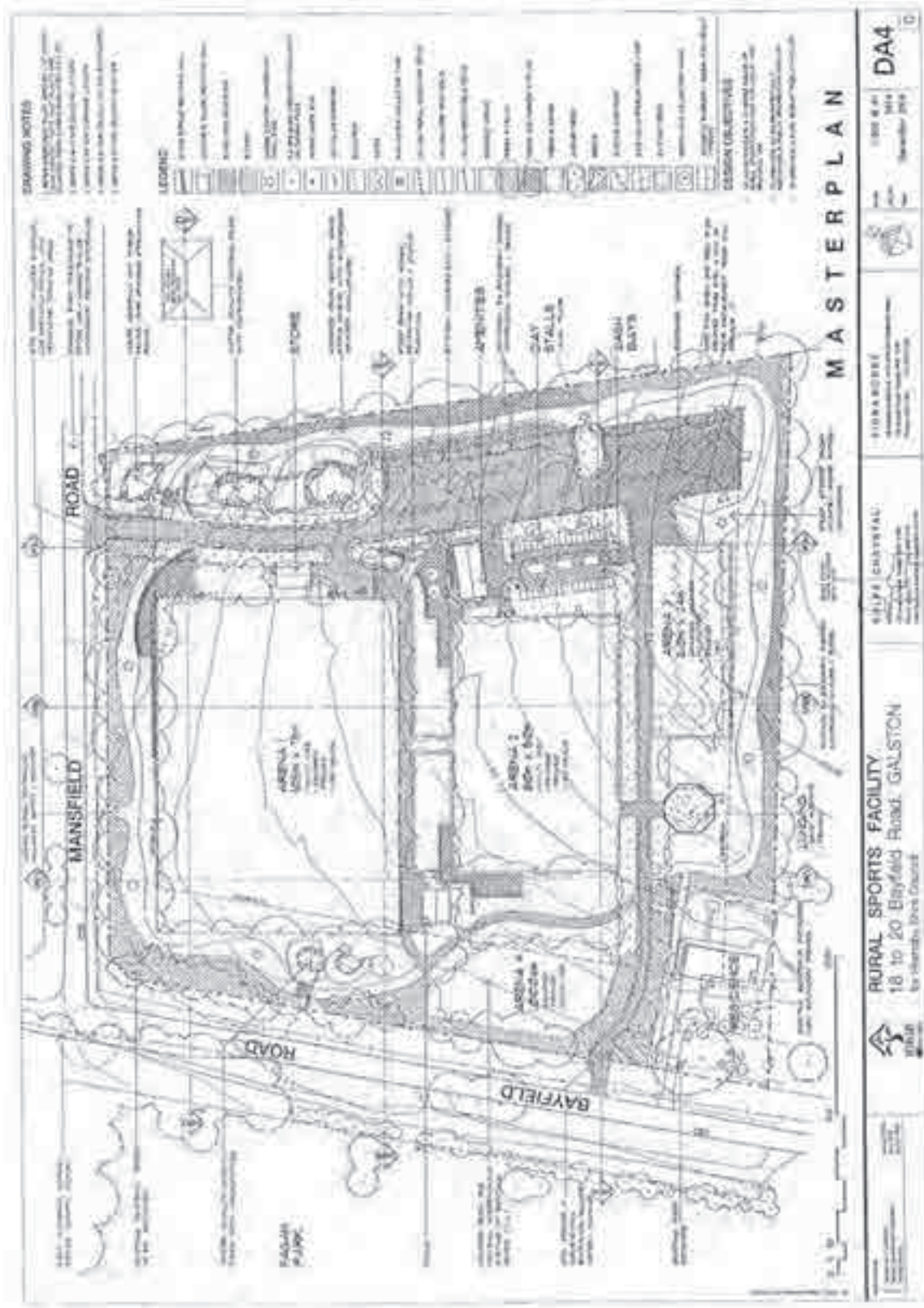
“6JF Leases, licences and other estates in respect of community land:

- (1) For the purposes of section 46 (1) (b) (iii) of the Act, the use or occupation of community land for the following events is prescribed as a purpose in respect of which a council may grant a licence in respect of community land on a short-term casual basis:
 - (a) the playing of a musical instrument, or singing, for fee or reward;
 - (b) engaging in a trade or business;
 - (c) delivering a public address;
 - (d) commercial photographic sessions;
 - (e) picnics and private celebrations such as weddings and family gatherings;
 - (f) filming for cinema or television;
 - (g) the agistment of stock.
- (2) However, the use or occupation of community land for events listed in subclause (1) is prescribed only if the use or occupation does not involve the erection of any building or structure of a permanent nature.

6JG Exemptions from section 47A (Leases, licences and other estates in respect of community land - terms of 5 years or less)

- (1) Leases, licenses and other estates granted for the following purposes are exempt from the provisions of section 47A of the Act:
 - (a) residential purposes, where the relevant community land has been developed for the purposes of housing owned by the Council;
 - (b) the provision of pipes, conduits or other connections under the surface of the ground for the connection of premises adjoining the community land to a facility of the Council or other public utility provider that is situated on the community land;
 - (c) use and occupation of the community land for events such as:
 - (i) a public performance (that is, a theatrical, musical or other entertainment for the amusement of the public);
 - (ii) the playing of a musical instrument, or singing for fee or reward;
 - (iii) engaging in a trade or business;
 - (iv) playing of any lawful game or sport;
 - (v) delivering a public address;
 - (vi) conducting a commercial photographic session;
 - (vii) picnics and private celebrations such as weddings and family gatherings;
 - (viii) filming for cinema or television.
- (2) However, the use or occupation of community land for the events listed in subclause (1) (c) is exempt only if:
 - (a) The use or occupation does not involve the erection of any building or structure of a permanent nature, and
 - (b) In the case of any use or occupation that occurs only once, it does not continue for more than 3 consecutive days, and
 - (c) In the case of any use or occupation that occurs more than once, each occurrence is for no more than 3 consecutive days, not including Saturday and Sunday, and the period from the first occurrence until the last occurrence is not more than 12 months.

APPENDIX 5: RURAL SPORTS FACILITY MASTERPLAN



APPENDIX 6:

Hornsby Shire Council
Plan of Management
Galston Rural Sports Facility
June 2005

Note

This Plan of Management is intended for the provision of information as to the operation of the Galston Rural Sports facility to assist in the assessment of Development Application 53/2004 for the facility. It is not intended to be a Plan of Management under the Local Government Act (1993).

The Plan of Management is intended to direct the environmental and operational management of the proposed Rural Sports Facility at 18 and 20 Bayfield Road, Galston NSW.

INTENDED USE OF THE GALSTON RURAL SPORTS FACILITY

The Galston Rural Sports Facility proposed to be located at 18 and 20 Bayfield Road, Galston, is intended to be used for activities associated with equestrian and canine disciplines only. The Facility shall not be used for activities which are likely to exceed the environmental capacity of the site in terms of people numbers, horse numbers or vehicle / trailer / horse float numbers.

Hours of Operation.

Hours will be from 7AM until 6PM Monday to Saturday and from 8AM to 6PM Sundays & Public Holidays. Gates to the carpark will be controlled by the Facility Supervisor who will be responsible for unlocking and locking daily at opening and closing times respectively. There will be no night lighting so as not to encourage after hours use, and a fence with locked gates will prevent vehicle, horse and pedestrian entry in hours when the facility is closed. Licensees of the facility will not be permitted to use the facility out of hours.

Site Occupation and Usage Limitations

The use of the Galston Rural Sports Facility (the 'Facility') by club or organisation for organised events shall not occur without the club or organisation first obtaining a Periodic Licence from Hornsby Council ('Council') under the provisions of the *Galston Rural Sports Facility Plan of Management* and in accordance with the following requirements.

Periodic licensees (or licensees) are clubs and organisations conducting equestrian and canine activities that have been scheduled by the club and for which Hornsby Shire Council has issued a licence. All other users of the Facility shall be known as 'casual users'. Casual users are expected to be comprised of horseriders, dog owners and other park visitors engaging in non-organised, non-active recreation, using the facility during periods when the facility is not occupied by a licensee. Periodic licensees and casual users shall be collectively known as 'users of the Facility'.

Park notices at the facility will advise casual users that use of the Facility is reserved for the use of licence holders during certain periods. Licensees will be required to have a copy of the licence at the Facility to demonstrate their right to occupation of the Facility, and to advise any casual users of the existence of this licence.

One Periodic Licence may apply to a number of regular or non-regular periods for a single club or organisation. It may be issued for a term, for example, one day, or set days per month over periods ranging from several months to up to five years. Council shall not issue more than one Periodic Licence for any period of time unless the users can demonstrate to Council's satisfaction that the combined uses will not exceed the capacity of the Facility to accommodate the combined uses having regard to the requirements of this Plan of Management. Council has obtained membership figures for the clubs and organisations likely to use the facility, and made allowance for some growth in numbers, to satisfy itself that the clubs will be able to operate their ordinary events without exceeding the capacity of the facility.

In addition to the requirements imposed by the *Galston Rural Sports Facility Plan of Management*, the Application for the Periodic Licence shall:

- (a) only be made such that the main organising person of the large scale use is identified as the Applicant;
- (b) nominate the club or other name of the large scale user;
- (c) require the Applicant to confirm the maximum number of vehicles including trailers and visitors proposed to be at the facility at any time during proposed events
- (d) require the Applicant to confirm the period of time that the large scale use will be conducted at the Facility; and
- (e) require the Applicant to identify the part / parts of the Facility that will be used by the large scale user during the applicable time period.

In its consideration of an Application for a Periodic Licence for the conducting of events at the Facility, Council shall ensure that events do not exceed the capacity of the Facility to accommodate the use. Council shall not grant a Periodic Licence for a period of time where the parking demand generated by the proposed use plus the parking demand of any likely casual users of the Facility at the same time, is likely to exceed:

26 car and horse floats and 25 additional cars, or
97 cars without floats

In addition to the requirements imposed by the *Galston Rural Sports Facility Plan of Management*, the Periodic Licence shall contain conditions requiring that:

- (a) the number of vehicles with / without trailers / horse floats shall not exceed that number identified by the large scale user in the Application for the Periodic Licence;
- (b) the club or association is not to be present at the Facility prior to or after the period of time nominated in the club or associations licence;
- (c) the Applicant is to ensure that the vehicles of the users are directed towards appropriate parking spaces (determined by whether the vehicle is with or without a horse float / trailer) and that horse floats are parked so that the end of the float used for unloading and loading is directed away from the site boundary and neighbouring properties;
- (d) the Applicant is to ensure that no vehicles associated with the user club are parked within the road reserves near the Facility and that club members and associated users are aware of their obligations in this regard before attending the Facility;
- (e) the Applicant is responsible to ensure that any animal or other waste is collected at the completion of events in accordance with the *Waste and Odour Management* provisions of this Plan of Management;
- (f) The Applicant is to ensure that portable toilets are to be provided if more than 200 people are proposed to attend an event at the Facility, and in any case proposed attendance shall not result in excess parking as in (a) above;
- (g) The Applicant is to ensure that the horse wash bays are locked at the end of the event, and that no more than 72 horses shall use the wash bays at any event unless the wash bay storage tank contents are emptied into a sullage tanker; and
- (h) The Applicant is to inform Council using contact information supplied with the licence, if during an event a matter arises requiring urgent attention, eg full waste bins, sewer, water or electricity supply problems.

Council shall issue a fine of an amount to be determined to any licensee that breaches the requirements of the Periodic Licence, and shall in its formal warning advise the large scale user of the nature and timing of the breach/es. Any licensee that receives a third such formal warning within a 12 month period shall have the Periodic Licence revoked and shall not be issued a Periodic Licence within the subsequent 6 month period. Each Periodic Licence issued by Council shall notify the licensee of these requirements.

Hire fees for use of the facility may be charged, as set by Council from time to time

Individual users and 10 or less of users not engaging in periodic club use will be allowed unlicensed use of facilities for these purposes during hours of operation, as long as these activities are deemed by council to be of a non-organised nature, and as long as another licensed use is not occurring.

The Facility Supervisor and his staff shall monitor licensed and unlicensed use of the facility on every day that the facility is open, and take action to prevent activities which are deemed to be in breach of this Plan of Management, licence conditions, or regulations displayed on Park Rules signs (see below).

Licence Conditions

The following standard conditions will apply:

- The need for licensees to ensure that parking capacity is not exceeded at any time as stated above
- The need for licensees to provide parking marshalls to supervise efficient and orderly parking within car parking areas, fill the car park from the north then working south; ensure separation of vehicles from arenas and pedestrian/animal areas; prevent conflicts between the use of the cross country riding course and cars entering and leaving the facility; and to place 'car park full' sign at the facility entrance when necessary;
- The need for licensees to leave the premises in a clean, tidy state; having collected and placed animal waste and other waste in receptacles provided;
- Public address systems will be restricted to use between 8AM and 5PM on weekends or public holidays, using only the loudspeakers supplied at the facility;
- The PA system is to be used for essential announcements only, not for entertainment or commentary;
- A requirement that hirers enforce upon competitors and attendees at events standards of behaviour to reduce noise impacts on adjoining residences, particularly to minimise noise in the car park such as loud conversation and slamming doors;
- A requirement that licensees will inform any casual users attempting to use the facility during licensed events of the Park Rule prohibiting such use, and that the licensee will contact Council on the number provided if casual users disregard the Park Rule;
- Dog events will be restricted to arenas 1 and 2 only to confine potential noise;
- Prohibition on the sale and consumption of alcohol unless the relevant club obtains a liquor licence and Council's written consent is obtained;
- A requirement that the user clubs and organisations will carry public liability insurance to meet Council's requirements from time to time;
- A requirement that owners of dogs that commence barking at dog events at the facility separate their dog from other dogs to avoid encouraging a spread of barking; and
- A requirement that dog owners do not leave their dogs unattended at the facility.

Park Rules Signs.

While licensees will be subject to licence conditions, all visitors to the facility will be subject to regulations displayed on Park Rules signs, similar to those erected at most public reserves that are managed by Hornsby Council. The current version of the Park Rules used at existing parks is attached to this Plan of Management. It is intended that a purpose made Park Rules sign for the Facility be formulated by adding, through a resolution of Council, special rules to allow horse and dog access while containing noise and impacts associated with these animal-related activities as set out in this Plan of Management. These regulations are designed to curb behaviour which may create noise, disturbance or damage. They are enforceable with prescribed fines under the Local Government Act (1993).

The Park Rules signs will be erected at entrances to the Facility and in the car park, and other conspicuous locations at the facility. Special rules for the Facility will require visitors to:

- Park horsefloats with the rear facing towards the arenas;
- Observe a 10 km/hour speed limit on all vehicle movements on site;
- Keep noise to a minimum, particularly noise from carpark activities, use of public address systems, noisy dogs (requiring separation or removal), loud conversation, car noise and any other noise capable of affecting neighbouring properties;
- Keep horses and dogs under control at all times while at the facility;
- Collect animal waste and place within bins provided;
- Not use the facility when it is in use for a licensed event unless participating in the event;

Environmental Leadership

A Facility Supervisor shall be identified by Council who shall be responsible for the environmental management of the Facility. The Facility Supervisor shall ensure that best practice obligations are understood and observed by staff in relation to the management and maintenance of the Facility. Council, through the role of Facility Supervisor shall strive for excellence in environmental leadership at the Facility.

Administration of Plan of Management

Council, through the Facility Supervisor, shall be responsible for administration and implementation of environmental management and operational programs outlined in this Plan of Management.

Management Committee

Council may in future resolve to appoint a management committee under section 377 of the Local Government Act 1993. If appointed, such a committee would be responsible for the implementation of this Plan of Management or its successors. Hornsby Shire Council would monitor and, if necessary, direct such a committee in its management of the facility.

Legal and Other Requirements

Council, through the Facility Supervisor, shall ensure that legal and associated requirements are adhered to, including but not limited to those under the provisions of the Environmental Planning and Assessment Act 1979, the Local Government Act 1993 and the Protection of the Environment Operations Act 1997.

Environmental Training

Council, through the Facility Supervisor, shall provide appropriate environmental training for staff and users of the Facility.

General Procedures

Council, through the Facility Supervisor, shall ensure that all general procedures associated with administration, management, staff and contractor operations, comply

with relevant legislation, Workcover requirements, occupational health and safety requirements, subordinate guidelines and best practice expectations.

Traffic and Parking

The facility has been designed within the constraints of the site, and certain large scale events cannot be held at the facility due to parking limitations. Plans for the facility show various parking configurations. It will be licensees' responsibility to ensure that a suitable parking configuration is chosen, and that vehicles are marshalled by the licensee to park efficiently according to the chosen configuration.

It shall be a standard condition of any licence issued that the licensee shall be responsible for ensuring that the event does not generate excess parking demand leading to parking on nearby roads.

The Facility Supervisor shall monitor compliance with this and other licence conditions. Licensees risk fines and cancellation of licences for breaches of conditions.

'No Stopping' signs shall be erected along Bayfield Road and Mansfield Road outside the boundary of the facility, to further deter overflow parking. Council officers will monitor parking patterns and will issue parking infringement notices if there are breaches of parking restrictions.

The sight distance for vehicles turning from Mansfield Road into Bayfield Road will be maintained by the Facility Supervisor through the regular mowing of roadside vegetation as part of ongoing site maintenance.

Waste and Odour Management

Amenities, public facilities (such as toilets) and change facilities shall be routinely cleaned by Council or its Contractors.

Council shall provide waste collection facilities at appropriate locations within the Facility for recyclable waste materials, green waste, animal waste and other general waste for re-use and / or disposal by Council or its Contractors. Excluding animal waste, Council shall ensure that waste is collected from the site weekly and as early after each weekend as possible, or more regularly if on site waste generation requires more regular collection. A licence condition will require licensees to make arrangements with Council for additional waste collection as required.

Signs will be erected requiring both casual horseriders and those at licensed events to collect manure that their horses have deposited at the facility and place in the bin provided.

The animal waste receptacles shall be water proof, insect proof, bird proof and vermin proof, for example, wheely bins. Separate horse and dog bins shall be provided for animal waste collection and temporary storage. Horse and Dog waste bins shall be checked daily by the Facility Supervisor and emptied as required. Council may use the horse waste off site for fertiliser. Dog waste and other putrescible waste shall go into the general putrescible waste stream.

All licensed users of the Facility shall collect any litter or animal waste and dispose of such waste in the appropriate bins provided. The relevant user shall ensure that the animal waste is collected off the ground at the end of each event. Each user of the day stall and / or lunging yard shall ensure that the used part of the relevant building and surrounds is cleaned and free of animal or other waste at the end of usage.

Picture signage shall be provided above or attached to each bin to identify the waste which is to be placed in each bin, and additional signage is to be provided directing users to the waste collection points. Signage shall be erected adjacent to the car parking area and at appropriate locations to ensure that all users, whether licensed or unlicensed, are made fully aware of their obligations in relation to waste collection and disposal when using the Facility in accordance with these requirements.

Safety, Security and Crime

Access to the western and northern sides of the Galston Rural Sports Facility for vehicles, pedestrians and animals shall be denied outside of operating hours by installation of continuous fencing along these frontages from the proposed access driveway to and around the curtilage of the retained dwelling-house/s. Periodic Licence Applicants shall ensure that all parking and access is contained to within the confines of the site.

There are two existing cottages at 18 and 20 Bayfield Road. It is intended to retain the cottage at 18 Bayfield for the long term and 20 for the short term. The cottages are to be let for residential tenancy at rental market valuations. The income will be used to offset the Facility's operating costs.

It will be a condition of the leases that the tenants are to report any after hours intrusion, and especially incidents involving disturbance or damage, to Council or to the Police if necessary and at the time of the intrusion if possible.

Energy Conservation

The electrical fittings and fixtures for the Facility shall be chosen on the basis of maximising energy conservation. The Facility Supervisor shall be responsible for correct selection of energy efficient electrical fittings and fixtures.

Waste Management

See *Waste and Odour Management* provisions above.

Waste shall be collected as required following daily inspection by the facility Supervisor. To control noise, waste collection shall be confined to the opening hours of the Facility.

Hazardous Materials, Oils and Chemical Management

No hazardous materials, oils and chemicals are permitted to be stored on the site. Pesticides, mainly herbicides, may be required to be used from time to time. These applications will be kept to the minimum to control weeds and other pests and will be

applied by appropriately qualified staff using pesticides for the purposes for which they are licensed, and operating under Council's adopted Safe Work Method Statements and the Pesticides Act. It is likely that pesticide application will be mainly confined to herbicides for weed control, using a pesticide of relatively low toxicity such as Glyphosate. Chemicals for rabbit control may be necessary from time to time. Use of any other pesticides is likely to be seldom. The facility will be closed to visitors at times of such pesticide application.

Fertilisers may be required from time to time to ensure that turfed arena surfaces maintain good cover to avoid erosion and dust generation. Prior to fertiliser application, soil analysis or other means of determining nutrient deficiency will be undertaken by a suitably qualified person, and an appropriate fertiliser, application rate and timing will be devised, with the aim of applying fertiliser at a rate at which it will be entirely taken up by turf growth. Any excess nutrients that may be carried by stormwater will be collected in water quality control ponds on site, and the nutrients further stripped by uptake in aquatic plants, minimising any nutrient release to downstream watercourses.

Fuels and oils will be used on site in maintenance machinery.

All such materials shall be stored off-site, and only the quantity required for use by staff on the site for any given day is permitted to be transported to and stored upon the site on that day. All staff who are likely to be required to handle hazardous materials, oils and chemicals shall be properly trained in the areas of handling the materials and spill clean-up procedures, including where to find emergency equipment and how to use it. This shall be the responsibility of the Facility Supervisor.

Ground maintenance

Maintenance of the facility will be aimed at presenting the facility in a safe, enjoyable, sustainable and aesthetically pleasing state. Council will be responsible for grasscutting, turf maintenance, maintenance of drains and water quality ponds, sewage treatment/disposal units and nutrient reduction devices and care of landscaped areas. Council will also be responsible for the maintenance of structures which it has installed such as buildings, fences and carparks. Any structures installed by licensees will be their responsibility, however, Council will monitor the condition to ensure they are maintained by licensees in a safe and visually pleasing condition and do not unduly deteriorate.

Landscaping provided for screen planting will be established as the first stage of construction. The planting will be maintained to retain the integrity of the visual screen. Maintenance will involve pruning in accordance with Australian Standards for amenity horticulture, as well as removal and replacement of any dead trees. Supplementary irrigation will be available as required during the landscape establishment phase.

Water Quality Management

A Soil and Water Management Plan accompanies DA 53/2005. It is to be implemented by the Facility Supervisor in conjunction with this Plan of Management. The S&WMP contains measures to conserve water and protect downstream waterways, specifically water quality control ponds and drainage lines to direct water into the ponds. The Facility Supervisor shall be responsible for the maintenance of these items in accordance with the maintenance specifications contained within the S&WMP. The ponds shall be maintained to minimise weeds, and minimum water levels shall be maintained in extended dry periods in order to manage the survival of aquatic plants.

Noise and Vibration Management

The Facility shall comply in full with the recommendations of *Report No. 04-772-R1 - Noise Impact Assessment* by Reverb Acoustics ('the Report') dated January 2005, as amended by any subsequent documentation prepared by that company seeking to amend the contents of the original Report and subject to any conditions of development consent. This requirement extends to Council, the Facility Supervisor, other staff and Contractors involved with the site, Facility users and visitors.

The Report makes recommendations for design and management measures to control noise at the facility. The design of the facility incorporates the recommendations, while management recommendations have been incorporated above in this Plan of Management, under the headings 'Licence Conditions' and 'Park Rules Signs'. These provisions shall be enforced by the Facility Supervisor through daily monitoring of the use of the Facility.

The locations of public address loudspeakers have been shown on plan, positioned so as to provide adequate coverage of the Facility at low volumes so as to avoid noise pollution outside the Facility. The Facility supervisor shall arrange the calibration as recommended in the report, and shall ensure that the loudspeakers are maintained in the inwards and downwards facing positions as recommended in the Report.

Measures in the Report to control construction noise and vibration shall be included in building contracts by Council's Manager, Parks & Landscape.

The Facility Supervisor shall ensure that maintenance activity, including waste collection and deliveries of supplies by trucks occurs during park opening hours, except for emergency repairs.

Land Management

Prior to excavation or filling of the land, all topsoil shall be stripped from the areas to be excavated and filled, and stockpiled in a manner which prevents the flow of sediment laden runoff into the downstream catchment area. Upon completion of site works in any given area, stockpiled topsoil plus any additional required imported topsoil shall be prepared and spread for seeding or planting of stabilising turf and plants to minimise the length of time that any excavated / filled area remains exposed to the weather.

The Facility Supervisor shall be responsible for the identification and removal of weed species. All areas of the Facility shall be regularly inspected by the Facility Supervisor for weeds and any weeds discovered shall be removed upon discovery.

Air Quality Management

See *Waste and Odour Management* provisions above.

MANAGEMENT OF RESIDENTIAL COTTAGES

There are two existing cottages at 18 and 20 Bayfield Road. It is intended to retain the cottage at 18 Bayfield for the long term and 20 for the short term. The cottages are to be let for residential tenancy at rental market valuations. The income will be used to offset operating costs. The tenants will have a role in providing surveillance of the facility.

The cottages will not be subdivided from the remainder of the facility, but a curtilage around the cottages will be maintained as a private area for the use of the tenants.

PUBLIC RESERVES NOTICE



PARK RULES

*This is your park. It is provided for your use, enjoyment and education.
Please respect the area by encouraging activities which do not damage
the environment, or disturb the enjoyment of others.*

To provide for sustainable use and enjoyment, Council has prohibited the following in this reserve:



**NO FIRES EXCEPT
IN AUTHORISED
FIREPLACES**



**NO CAMPING OR
STAYING OVER
NIGHT**



**NO LITTERING OR
DEPOSITING OF
ANY MATERIAL**



**NO DAMAGE TO
PARK FACILITIES**



**NO GOLF OR
ARCHERY**



**NO
UNAUTHORISED
VEHICLES**



**NO ANIMALS
EXCEPT LEASHED
DOGS**

8. No hawking or trading except with Council's written permission
9. No activities which may interfere with the comfort, convenience or safety of the public
10. No use or sale of alcohol except with Council's written permission
11. No entering or remaining in the park in an intoxicated state
12. No offensive or disorderly behaviour
13. No meetings, public addresses, performances or organised activities except with Council's written permission
14. No interfering with flora, fauna, infrastructure or other landscape features except with Council's written permission
15. No dogs within ten metres of barbeques, picnic tables or play equipment

PENALTIES APPLY FOR FAILURE TO OBSERVE THE ABOVE REGULATIONS

BY ORDER OF COUNCIL