



WILLOUGHBY CITY COUNCIL

**PLAN OF MANAGEMENT
CHATSWOOD EAST WARD PARKS**

EAST WARD SYSTEM GROUP OF PARKS

Contents

Section 1- The Park System

	Page
1. Introduction	3
2. Summary	5
3. Park System Plan of Management	8
4. Ownership, Area, Existing Facilities and Category of the Parks	10
5. Classification and Zoning of the Parks	11
6. Leases and Licences	12
7. Recreation and Open Space needs (summary of previous studies)	13
8. Park System Issues Raised In Letters and Focus Group	15
9. Linkpaths	16
10. Greening of Roads	19
11. Park Names, Signs, Facilities, Playgrounds, Dogs, Community Involvement, Promotion	21

Section 2- Management Plans for the Individual Parks

Map/Park No	Park Name/Identification	Page
1.	Bales Park (refer to Playing Field/Parkland Generic Plan of Management)	
2.	Chatswood Park (refer to Chatswood CBD Parks Plan of Management)	
3.	Beauchamp Park	25
4.	Muston Park	38
5.	Kooroora (Tennis) Reserve	46
6.	Lamette Street Reserves	49
7.	High Street Reserve	51
8.	Hemsley East Reserves	54
9.	Scott Crescent Reserve	58
10.	Scotts Creek Reserve	60
11.	Barambah Street Reserves	63
12.	Barcoo Street Reserves	67
13.	Willoughby Legion Ex-Services Club (Private company, Plan of Management not prepared by Council)	
14.	Scott Crescent (rear)	71
15.	King Edward Street closure	73
16.	Haig Street closure	74
17.	Harwood Avenue closure	75
18.	Douglas and Ashley Streets unmade sections	76
Appendix		
Contributors, References		78

Section 1

1. INTRODUCTION

The Local Government Act (1993) requires that all community land owned or administered by Local Councils be the subject of a plan of management.

Willoughby has 147 open space areas covering about 424 hectares. Of these, 95% are administered by Council and 5% by other government authorities and private groups. Because of the large number of open spaces, Council has decided, wherever feasible, to have areas of open space in identifiable locations covered by a *system plan of management*, as allowed by the Act.

This Plan of Management covers the following parks zoned Open Space 6(a) Existing Recreation in the East Ward of Willoughby ;

3. Beauchamp Park
4. Muston Park
5. Kooroora (Tennis) Reserve
6. Lamette Street Reserves
7. High Street Reserve
8. Hemsley East Reserves (2 parks : Barcoo Street, between Nos 52 & 54, and behind Nos 42 and 50)
9. Scott Crescent Reserve
10. Scotts Creek Reserve
11. Barambah Street Reserves (2 parks : in front of Nos 18 & 34, and in front of Nos 2 & 14)
12. Barcoo Street Reserves (2 parks : in front Nos 21 and 31, corner of Barcoo and Barambah Streets. Garden at corner of Barcoo and Penshurst Streets)
14. Scott Crescent rear (behind Scotts Cres. Nos 14-24)
15. King Edward Street closure
16. Haig Street closure
17. Harwood Avenue closure
18. Douglas and Ashley Streets unmade sections

The intention of this Plan of Management is to set the character of the parks for the next 5-10 years, and to give a direction for these parks in the longer term.

The need for a management plan was stated as follows in a written submission to Council. :

“As backyards grow increasingly smaller due to policies such as dual occupancy, the need for well managed, environmentally friendly open space becomes more acute, as they provide a welcome and necessary green relief in which children and their parents can find some form of peace and solitude.”

MAP OF EAST WARD PARKS

1. Bales Park
2. Beauchamp Park
3. Chatswood Park
4. Muston Park
5. Kooroora (Tennis) Reserve
6. Lamette Street Reserves
7. High Street Reserve
8. Hemsley East Reserves
9. Scotts Crescent Reserve
10. Scotts Creek Reserve
11. Barambah Street Reserves
12. Barcoo Street Reserves
13. Willoughby Legion Ex-Services Club
14. Scotts Crescent (rear
15. King Edward Street closure
16. Haig Street closure
17. Harwood Avenue closure
18. Douglas and Ashley Streets unmade

2. SUMMARY

2.1 Park Supply, Acquisition, Zoning and Disposal

1. All of the East Ward parks except Scott Crescent (rear) should be retained in public ownership with Open Space 6(a) zoning.
2. Scott Crescent (rear) is the only park which should be considered for disposal, and that only if legal public access is not and does not seem possible.
3. Existing supply of parkland in East Ward is about 1.5 ha / 1,000 residents.
4. It is recommended that 1.2-1.5 ha of parkland / 1,000 residents be maintained as East Ward develops. Council should plan to purchase additional parkland through the Section 94 Open Space and Recreation Plan and if the population increases.

2.2 Park Maintenance and Development

1. The greatest proportion of park users are young people. It is important that parks are kept mown and available when young people are likely to use them, especially during school holidays.
2. Park development should establish interesting and attractive new settings for unstructured recreation eg, the creek area at Muston Park and the play area at High Street Reserve.
3. All of the existing parks are required as environmental space. Buildings and paved/sealed sport areas should not be installed. These may be located on unused roads or land in addition to Open Space.

2.3 Roads

1. Quiet residential roads have a potential for providing open space. Approximately one quarter of the residential area is road reserve, and usually more than half of this is paved. Twenty four streets are recommended for traffic calming, 18 to be 'Greenways' and 6 to be 'Play Streets'.

2.4 Linkpaths

1. A 'Linkpath' system is proposed. This is a simplified variation of previous cycle routes and the Walking Trail Plan. It is suitable for recreational use by children, and by commuters. Availability of existing parkland is increased by linking residential areas to parkland within and beyond the ward. The linkpath system requires the installation of 2 sets of traffic lights, and relocation of another.
2. Council should arrange public access to the Scotts Creek drainage reserve between Macquarie Street and Peshurst Street. This is an important link in the East Chatswood Walking Trail.

SUMMARY (Cont)

2.5 Significant Actions in the Individual Parks

3. Beauchamp Park :

- Installation of a toilet near the playground
- Installation of 3 picnic tables with shelters, and other seats and tables
- Relocation of public toilets into the lower section of the pavilion
- New sensory garden.
- Introduction of car parking restrictions.

4. Muston Park :

- Re-establish the drainage channel as a natural creek
- Enlarge and improve the playground
- Rebuild existing bridge approaches to make these safe for elderly walkers
- Build a bridge near Warrah Street to allow walking and cycling around the park
- Establish a barrier garden bed along the boundary to the retirement homes.
- Hold an annual Wisteria Flower picnic day.

5. Kooroora (Tennis) Reserve :

- Install a few items of play equipment for young children.

6. Lamette Street Reserves :

- Improve landscaping with native trees and shrubs
- Install a seat and 'bench-table'.

7. High Street Reserve :

- Install a few items of play equipment for young children
- Install a seat on raised ground beside the footpath
- Keep a grass kick-about area
- Plant 2 large growing trees
- Establish a small patch of bush to be a play setting.

8. Hemsley East Reserves :

- Try to establish additional access to the reserves, to provide recreational walking routes.

9. Scotts Crescent Reserve :

- Install 2 park seats and a 'bench -table'.

SUMMARY (Cont)

10. Scotts Creek Reserve :

- establish boundaries
- Clean up the creek
- Establish a walking track
- Install a picnic area near Gibbes Street.

11. Barambah Street Reserve (between Nos 18-34) :

- Install a few items of play equipment for young children
- Install a park seat

12. Barcoo Street Reserves :

- Install picnic table set, and a seat and 'bench table' (near the factories)
- Plant additional trees and make this area available for dogs to be exercised off the leash. (Corner of Barambah)

14. Scotts Crescent rear :

- Try to establish legal access and through route for recreational walking. If this is not likely, dispose of the land.

15. King Edward Street closure :

- Maintain as is.

16. Haig Street closure :

- Enlarge this area to make a small park
- Install a seat.

17. Harwood Avenue closure :

- Maintain as is.

18. Douglas and Ashley Streets unmade sections :

- Establish boundaries
- Clean up the creek and banks
- Investigate as a route for the East Chatswood Walkway
- Mark a basketball court on the road pavement at the end of Douglas Avenue or High Street.

3. PARK SYSTEM PLAN OF MANAGEMENT

3.1 Basis For Management

The conservation, development, maintenance, acquisition and disposal of open space according to sound environmental and planning procedures, in order to provide a diverse and satisfying range of outdoor settings and recreation.

3.2 Objectives for Parkland Management

1. To identify and protect public parkland.
2. To provide visible and accessible open space.
3. To avoid alienation of parkland.
4. To protect the environment and manage natural events such as water infiltration to soil, control of soil erosion, protection of water courses, and growth of plants for oxygen replenishment and air filtration.
5. To provide 'green', health-promoting parks, and to exclude any damaging or disturbing influence of utilities and urban infrastructure etc.
6. To satisfy general outdoor recreation needs.
7. To provide limited special recreational facilities.
8. To provide a variety of park settings and facilities.
9. To provide a pleasant outdoor public space within 500 metres of all homes.
10. To provide attractive views into the parks.
11. To provide non-vehicular links between streets and neighbours.
12. To provide parks that are focal points for local communities.
13. To provide parks that are safe, and places of fun, learning and socialising for all ages.

3.3 Action Plan To Achieve Objectives

1. Consult and involve the community in management of parks.
2. Assess the ability of existing parks to provide identified open space needs.
3. Identify and protect areas of environmental importance.
4. Provide venues to meet outdoor recreational needs.
5. Identify existing parkland which does not and cannot adequately provide open space needs, and arrange disposal of this land.
6. Identify and remove encroachments in the parks.

7. Identify suitable locations and land to meet open space needs, and arrange for acquisition or use of that land.
8. Plan new park development to meet identified needs.
9. Park planning and development to provide the maximum area of vegetation and the minimum area of paving and buildings.
10. Grow trees for habitat purposes, climate control, screening, and as landscape features.
11. Carry out park development which has Council and community approval.
12. Investigate park problems and opportunities in order to achieve a healthy environment for people, plants and wildlife.
13. Encourage wide participation in the use and appreciation of parks.
14. Develop and apply park maintenance strategies to achieve attractive and safe parks.
15. Control the behaviour of people and animals in order to make parks safe, healthy and appealing to most people.
16. Develop pleasant walking links between parks.
17. Control vehicles near parks so that important views into the parks are not obscured by cars, the area is safe, and existing carparking is available for park users.
18. Install attractive and consistent park signage.
19. Install suitable park furniture and facilities.

3.4 Assessment that Management Objectives and Actions are Being Achieved

1. Necessary investigations are completed
2. Effective consultation with the community takes place.
3. Necessary park planning is completed.
4. Planned open space is provided.
5. Approved park developments are completed.
6. Surveys of park users are conducted and results assessed.
7. Residents who live near parks are consulted for their opinion of that park.
8. Carry out park inspections to assess visual features, safety issues, maintenance requirements, etc.
9. 'State of the Park' reports to be prepared by district resident groups annually.
10. Provision of park facilities to be compared with district census information and recreation needs study results (5 yearly).

4. OWNERSHIP, AREA, EXISTING FACILITIES, PARK CATEGORY

PARK	Ownership	Area m2	Existing Facilities/Features	Category
3. Beauchamp Park	Owned in fee simple by Willoughby City Council. (WCC)	45,324	Significant trees, formal gardens, picnic area, seats, playground, paths, recreational walking, pavilion, clubroom, storage room, public toilets, sportsfield, field fencing floodlights, automatic field irrigation clay wicket, small parking area, basketball court.	Park and Sportsground
4. Muston Park	WCC	21,165	Significant trees, Wisteria walk, Scotts Creek, playground, toilets, picnic tables, recreational walking routes.	Park
5. Kooroora Reserve	WCC	5,274	6 clay tennis courts, floodlights, clubhouse, summer house, storshed, parking for 8 cars.	Sportsground
6. Lamette Street Reserves	WCC	952	2 small parks. Open grass areas, small trees.	Park
7. High Street Reserve	WCC	2,085	Flood prone land, level grass area, small trees.	Gen. Comm. Use Park
8. Hemsley East Reserves	WCC	6,780	2 parks. Trees, path, grass, bush.	Park
9. Scotts Crescent Res	WCC	2,978	Trees, grass, garden, play equipment, seat.	Park
10. Scotts Creek Reserve	WCC	7,000 approx	Creek, native and weed vegetation.	Natural Area, watercourse
11. Barambah Street Reserves	WCC	3,500 approx	2 small parks Trees, grass, rockface.	Park
12. Barcoo Street Reserves	WCC	2,000 approx	2 small parks, 1 garden. Trees, grass, seat, garden.	Park
14. Scotts Crescent (rear)	Vested in WCC	1,374	Undeveloped, rock ledges.	Gen. Comm. Use Park or Disposal
15. King Edward Street closure	WCC	400	Trees, shrubs, footpaths, electricity substation.	Gen. Comm. Use
16. Haig Street closure	WCC	400 800	Trees, grass, shrubs.	Gen. Comm. Use Park
17. Harwood Street closure	WCC	300	Trees, grass.	Gen. Comm. Use
18. Douglas & Ashley Sts unmade road	WCC	2,500 approx	Creek, native and weed vegetation, footpath, steps, footbridge.	Gen. Comm Use, Natural Area watercourse

Total area of parks

10.2 ha.

5. CLASSIFICATION AND ZONING OF THE PARKS

All of the parks covered by this plan are classified as Community Land, and are zoned Open Space 6(a) - Existing Recreation, under the Willoughby Local Environmental Plan 1995.

5.1 Community Land Classification

The Local Government Act (1993) requires that all public land be classified as “operational” or “community” land.

Public land is defined in the dictionary attached to that Act as: “land (including a public reserve) vested in or under the control of the council, but does not include: A road (Roads Act 1993); or Land to which the Crown Lands Act 1989 applies; or A common (commons Management Act 1989); or Land subject to the Trustees of Schools of Arts Enabling Act 1902.”

When the Local Government Act (1993) began on 1 July 1993, certain land such as public reserves were automatically classified as community land under Schedule 7, clause 6(2). Councils had until 1 July 1994 to classify other public land as community or operational by resolution. If the council did not resolve otherwise, the land would automatically be classified as community land.

Existing parks were classified as Community land zoned Open Space 6(a) existing recreation.

Other land was classified as Community land zoned Special Uses 5, according to its present or proposed use. Special uses of Community land may include civic buildings or carparking.

Community land must not be sold, but may be re-classified into operational land through an LEP or by resolution of council (subject to conditions).

Operational land does not require a Plan of Management, may be sold, and may be leased or licensed without restriction.

5.2 Visitor Catchment Classification

Parks are often described (classified) according to the distance which most visitors travel to use that park. This is useful in determining the facilities required at parks, but should not be applied without consideration of the special features and functions of each park.

Based on definitions from the Department of Planning’s *Outdoor Recreation and Open Space Guidelines* (1992), the 19 parks in this report may be classified as follows:

Regional Open Space Nil

District Open Space	<ol style="list-style-type: none"> 1. Beauchamp Park 2. Kooroora Reserve 3. The Chatswood East walking trail will be a district facility and will bring added use to those parks it passes through. 4. Scotts Creek is of district importance.
---------------------	--

Local Open Space	All the remaining parks.
------------------	--------------------------

6. LEASES AND LICENCES

The Local Government Act (1993) does not allow Community land to be leased or licensed for more than 21 years.

As a general principle for all Council owned land, long term leases and licences will only be considered where capital improvements are proposed for the land and its facilities and the broad approval of local residents has been established for the lease/licence and the capital improvements.

6.1 Kooroora Reserve - Lease

The reserve is leased by the Kooroora Tennis Club for an annual fee of \$5,000.
The present 5 year lease expires on 30 April 1998.

6.2 Beauchamp Park- Licences

The playing field at Beauchamp Park is licensed to sporting groups and schools on a seasonal basis through the Summer and Winter Sports Conferences.

6.3 Sports Field Use By Licence

Most regular use of the sportsfields is covered by seasonal licence agreements through the Summer and Winter Sports Conferences. These are the preferred arrangement for control of use of the fields.

7. RECREATION AND OPEN SPACE NEEDS

In recent years, Willoughby City Council has commissioned two major studies focusing on recreation needs and resources. These are; the *Willoughby Recreation Plan* (Willoughby City Council, 1993) and the *Open Space Plan* (Manidis Roberts Consultants, 1995).

7.1 The Willoughby Recreation Plan

This document aims to provide a framework for recreation provision within the local government area. The Plan formulated the following mission statement for recreation:

“The provision of quality recreational opportunities in order to provide all sectors of Willoughby’s community with diverse and satisfying experiences.”

The *Willoughby Recreation Plan* identified the following from park visitor surveys:

- The largest user group were children under 14 (34%), and 25-44 year olds (29%)
- The most popular activities were walking (32%), walking the dog (25%), sitting (25%) and childrens playground activities (20%).

The *Willoughby Recreation Plan* listed a general need for the following:

- Walking trails
- Improved and safer playgrounds and a variety of creative play opportunities
- Off-road bicycle paths and tracks
- Skateboard, rollerblade and BMX facilities
- Outdoor basketball courts
- Improved picnic grounds (some with undercover seating)
- More open space and improved access
- More amenities at parks (bins, bubblers, seats, toilets)
- Improved general maintenance
- Improved dog control
- A comprehensive signage system including interpretive information
- More information about what is available in the parks, in various languages.

7.2 The Open Space Plan

This Plan focuses on the overall open space system. It records open space supply, assesses demand for different recreation settings and facilities, and matches existing supply with existing and future demand. It develops strategies for the provision of open space and recreation opportunities.

The *Open Space Plan* states the following goals for open space in Willoughby:

“To satisfy the outdoor recreation needs of the community through the open space system.”

“To protect and enhance the natural and built environmental qualities of the City through the management of the open space system.”

“To encourage wider participation in the management of open space.”

The *Open Space Plan* identified the following key issues:

- Walking for pleasure is the most popular recreational activity
- Young people are the largest user group of open spaces. Their needs are not well catered for
- Developed urban parks, with a combination of recreational opportunities are the most popular unstructured recreation and should be better catered for.

The *Open Space Plan* listed the following general needs for the City of Willoughby:

- Recreational walking paths with picnic tables and facilities provided along the paths
- Recreational facilities for young people/adolescents
- Dog control, education of dog owners, enforcement of dog laws and policies
- Designation of dog walking areas
- Shade trees for protection from the sun and reduction of skin cancer, particularly at sports fields, playgrounds and along walking/cycle paths
- Educational role of open space, particularly bushland
- Information about and promotion of parks
- Park entry signs and directional signs to parks
- Development of linkages between parks and through parks to other destinations
- Implementation of the recommendations of the Regional Bike Plan Study
- Tree planting and conservation for environmental purposes and as wild life corridors
- Protection and replanting of ridge top vegetation
- Improved access for the disabled, frail and aged
- Safety within parks and pedestrian safety on roads within 100 metres of parks
- Greater involvement/use by people with non-English speaking backgrounds
- High standard of 'local' children's playgrounds with shade, seating and stroller access
- Playgrounds should be useable in all weather, and have access for people with disabilities
- Provision of drinking bubblers
- Suitable park cleaning and maintenance.

Recommendations of the *Willoughby Recreation Plan* and the *Open Space Plan* for individual parks are included in the issues section of each park plan.

8. PARK SYSTEM ISSUES RAISED IN LETTERS AND FOCUS GROUP

4 letters were received in relation to general issues.

Issues Raised	No of Letters	Focus Group	Actions
<p>Preserve the existing number and size of parks, do not rezone or sell any parks.</p> <p>Increase the area of parkland, investigate the following properties :</p> <p>(Septimus Street lots opp. Caroma factory. These lots are privately owned and do not meet current criteria for purchase.)</p> <p>Army land between Kooringa and Stanley St. (This is now Department of Housing land, zoned residential. Application with Council for subdivision to 2 lots. Housing for aged and disabled proposed for one lot.)</p> <p>No 14 Macquarie Street (Privately owned by the Armenian Church of Australia. Council could discuss the possibility of the land being used as an open play area on a temporary basis.)</p> <p>The Scotts Creek drainage reserve between Macquarie Street and Penshurst Street. (Area of approximately 0.4 ha. Owned by Sydney Water. Public access required as part of the East Chatswood Walking Trail.)</p>	3		<p>Consider only Scott Crescent (rear) for sale.</p> <p>No action</p> <p>No action</p> <p>Council to investigate temporary use of the land as a play area.</p> <p>Council to have ownership transferred to WCC, or arrange for public access and walking track construction with Sydney Water.</p>
<p>Need for well managed, environmentally friendly open space.</p>	1		<p>Ongoing management and community consultation. Adequate funding.</p>
<p>There should be a landscaped strip at interface of land use zones eg Residential / Commercial</p>			<p>Council should require such landscaped strips as part of new developments.</p> <p>In existing areas, investigate planting of road reserve.</p> <p>Council Parks staff to select tree species.</p>
<p>Plant more trees to counteract pollution, careful choice to avoid drainage problems in residential streets, and allergenic trees.</p>	1		
<p>Bales Park - install toilet near childrens playground Bales Park would be ideal for cricket nets</p>	1		<p>Consider for that park. Consider for that park.</p>
<p>Lawn mowing should be more regular at some of the smaller reserves.</p>	1		<p>Mowing schedule and system to be reviewed & improved.</p>

9 EAST CHATSWOOD LINKPATHS

9.1 The Linkpath System

Linkpaths are safe, pleasant access routes, generally suitable for walking and cycling.

Establishment of a linkpath system in east Ward is needed to provide :

- Easy access from homes to parkland in the ward
- Pleasant walking and exercise routes
- Safe childrens cycling routes
- Convenient non-vehicular access to parks in adjoining wards
- Commuter walking routes
- Connection of the CBD with Castle Cove, Middle Cove and Flat Rock Gully walking trails.

Existing cycleways, and the Bicycle Route Plan and Walking Trails Development Plan have been considered in the preparation of the linkpath system shown on the following map. The Linkpath system combines and simplifies the existing variety of routes.

The linkpath system follows Greenways and connects the four main parks in the ward, as well as Willoughby Park, Artarmon Reserve and Willis Park.

The following actions/capital works are required :

- Arrangement for public use of the Scotts Creek drainage reserve between Macquarie Street and Penshurst Street
- Construction of a track along this section of drainage reserve
- Construction of a walking track along Scotts Creek from High Street to Eastern Valley Way
- Traffic lights at the corner of Devonshire Street and Mowbray Road
- Traffic calming in Johnson Street, Nicholson Street, Albert Avenue (Robinson to Jacques), Forsyth Street (Penshurst to High) (subject to resident surveys and Traffic Committee support)
- Signs and road markings along the route.

9.2 The Linkpath Routes

EAST CHATSWOOD

CBD Archer Street Nicholson Street Beauchamp Park Nicholson Street

Macquarie Street Scotts Creek Channel Muston Park

(Temporary and flood route : Lamette Ashley Peshurst Muston Park)

Douglas Street Scotts Creek Willis Park / Deepwater Road.

(Temporary walking route : Warrah Ashley Steps High Short Gibbes Smith)

(Bicycle and flood route : Orara High Smith Eastern Valley Way)

WILLOUGHBY

CBD Chatswood Park Johnson Street Ranelagh Crescent Bales Park

Sydney Street ClanWilliam street Peshurst Street Forsyth Street

McClelland Street Willoughby Park.

ARTARMON

CBD Chatswood Park Johnson Street Devonshire Street Tindale Street

Shepherd Road Artarmon Linkpath Artarmon Reserve.

EAST CITY

Beauchamp Park Baldry Street Robinson Street Albert Avenue

Jacques Street ClanWilliam Street / Bales Park.

EAST WARD LINKPATHS

EAST CHATSWOOD

ARTARMON

WILLOUGHBY

EAST CITY

Peter Thyer June 1996

10. 'GREENING' OF ROADS IN EAST WARD

Part of the present demand for parkland has arisen because residential streets are no longer places where children can safely play.

This plan recommends that a hierarchy be developed for use and traffic speeds in the residential streets of Willoughby.

This could include the following classes of residential roads :

Service Road	Carries regular through traffic. No change of use likely, 50-60 kph speed appropriate.
GreenWay	Little through traffic, road could be narrowed and beautified with planting, 40 kph speed appropriate. GreenWays would be suitable as walking and cycle routes, especially where they run between parks, schools, etc.
Play Street	Use only necessary for residents of the street. With traffic thresholds, these streets could be 20 kph zones and the road pavement be an accepted play space for children. Greening of these streets would further create a park like appearance.

The following streets are recommended for traffic calming and greening :

GreenWays (18)

Johnson Street
 Devonshire Street
 Hercules Street
 Jacques Street
 Albert Avenue east of Hercules
 Stanley Street
 ClanWilliam Street
 Fry Street
 Laurel Street
 Forsyth Street (and McClelland St to Willoughby Park)
 Douglas and Orara Streets
 Baldry Street
 Blakesley Street
 Nicholson Street
 Rose Street
 Spearman Street
 Darling Street

Play Streets (6)

Holland Street
 Robinson Street between Albert and Stanley
 Church Street
 Rosewall Street
 Patrick Street
 MacMahon Street

EAST WARD 'GREEN ROADS'

GREENWAYS

PLAY

STREETS

Peter Thyer June 1996

11. GENERAL PARK ISSUES

11.1 Park Names

Many of the parks in this plan of management have not been officially named. They are simply known by the nearest street name, and some are still called 'road closure' rather than parks.

The naming of parks is a formal process carried out through the Geographical Names Board of NSW. Naming of public places presents a wonderful opportunity to recognise historical events, local features or personalities. Local communities should be involved in the selection of place names to ensure relevance and ownership of the name.

Actions

1. Initiate consultation to establish suitable names for the unnamed parks.
2. Ensure the new names are used on park signs.

11.2 Park Signs

Most of the parks in East Ward do not have name signs. In some cases there is no indication that the land is in public ownership. Willoughby Council intends to develop a signage system so that all parks will have attractive and consistent name signs and information signs. Park signs should not detract from the appearance of the parks.

Actions

1. Develop the park signage system.
2. Prepare a program for park sign installation.
3. Install the park name signs all parks.
4. Install directional signs to parks where necessary.

11.3 Park Facilities and Furniture

The focus group meeting and letters to Council stated that a number of parks have insufficient facilities. Many parks do not have any form of seating. The reports on each park in this plan of management give recommendations for additional furniture and facilities where appropriate. In some parks a well placed rock or log may be the only seat required.

Actions

1. Prepare a programme for provision of furniture and facilities.
2. Install furniture and facilities.

11.4 Playgrounds

The Open Space Plan recommended that Beauchamp Park playground be maintained as a 'district level' playground, and Scott Crescent Reserve be maintained to a high standard of 'local' facility.

This plan of management recommends that new small playgrounds for young children be installed at Kooroora Reserve, High Street reserve and Barambah Street Reserve (between Nos 18-34 Barambah Street).

Actions

1. Initiate consultation re playground equipment for recommended parks.
2. Design playground improvements and new playgrounds.
3. Prepare a program for playground improvements.
4. Carry out playground improvements and installations.

11.5 Dogs

It is generally considered a healthy activity for dogs and their owners to walk. Parks where the dog can run free are popular destinations for walking and car trips. Many people own dogs and most people like dogs. The presence of dogs in parks is appealing for some but disturbing or frightening for others. Dog faeces are unpleasant and may be a health risk. It is more often the presence of dog faeces, not the dog itself that causes annoyance. In public places it is the responsibility of dog owners to ensure that their dog is leashed and does not defecate, or to remove faeces if that occurs.

The Open Space Plan states that "Dogs and dog excreta have reduced the quality of the open space experience for all users".

It is recommends that dog laws and policies be enforced and other actions taken such as; education of owners, introduction of dung beetles and dog loos, and the designation of some open spaces as dog walking areas. Current Council regulations prohibit dogs from all playgrounds and picnic areas.

Action

1. Install dog loos or dog excreta bins in selected parks. The funding for these works and maintenance could be met by a levy on dog registrations.
2. Introduce suitable dung beetles to identified 'dog' parks.

11.6 Community Management and Maintenance of Parks

This plan recommends that local residents play an active role in the decisions, management and maintenance of their parks.

Honorary Rangers can be appointed by the Council.

It is anticipated that neighbours will keep an eye on nearby parks and advise Council of needs, problems and good ideas.

Local residents could form a neighbourhood committee or become 'friends of the park' to monitor use, development and maintenance of the park and to assist in voluntary care activities.

For some of the small parks and street closures, Council could negotiate with neighbours of the park for them to carry out the maintenance of lawns and cleaning.

It is recommended that a system be established where an annual 'State of the Parks' report is prepared by the community. It is envisaged that this would be coordinated by the Ward Committee. The report would cover issues of park use and maintenance, and suggestions for changes to the parks.

11.7 Promotion of the Parks

A map or brochure of all East Ward parks should be produced showing the facilities, existing organised activities and suggestions for recreation.

This map should also show linkpaths and include information about non-car methods of travel to the parks.

The information should be in graphic form using international symbols as far as possible.

An invitation to contact Council for further information should be written in English and the likely first language of non-English speaking background residents.

This map/brochure should be circulated widely in East Ward and nearby areas, and provided to groups which hire the parks.

WILLOUGHBY EAST WARD PARKS

Section 2

Management Plans for the Individual Parks

Park	Page
1. Bales Park (refer to Playing Field/Parkland Generic Plan of Management)	
2. Chatswood Park (refer to Chatswood CBD Parks Plan of Management)	
3. Beauchamp Park	25
4. Muston Park	38
5. Kooroora (Tennis) Reserve	46
6. Lamette Street Reserves	49
7. High Street Reserve	51
8. Hemsley East Reserves	54
9. Scotts Crescent Reserve	58
10. Scotts Creek Reserve	60
11. Barambah Street Reserves	63
12. Barcoo Street Reserves	67
13. Willoughby Legion Ex-Services Club (Private company, Plan of Management not prepared by Council)	
14. Scotts Crescent (rear)	71
15. King Edward Street closure	73
16. Haig Street closure	74
17. Harwood Avenue closure	75
18. Douglas and Ashley Streets unmade sections	76

3. BEAUCHAMP PARK

3.1 Basis for Management

To continue the existing role of the park as a district sports oval, playground and public garden.
 To improve facilities and opportunity for unstructured recreation.
 To enhance the woodland setting, and appreciation of the gardens.

3.2 Description / Value Statement

The park is owned in fee simple by Willoughby City Council.
 Area of the park is 45,324 square metres (4.5324 ha).
 Classification of the land is 'Community', and Category of the land is 'Park' and 'Sportsground' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

The park contains significant native trees, formal gardens, lawns, playground, paths and lighting, public toilets, sportsfield with clay wicket, pavilion with storage room, field fencing, floodlights, field irrigation system, basketball court, and parking area for approximately 18 cars.
 The park also contains the Reg McMahon memorial rose garden and a number of other memorial trees.

Beauchamp Park is generally considered to be the best park in the Willoughby Local Council area. Letters and survey responses include words such as; "lovely park, a treasure", "very pretty, good for families", "beautiful", "an oasis of visual pleasure".

The park is popular because it provides many different recreational opportunities, it is well kept and the flower gardens are colourful. The tall trees create a peaceful setting. The park is large enough to give separation from surrounding houses and not be crowded by the many users.

Local people walk in the park, and through the park to the CBD. The playground is well used and visitors stop to picnic and look at the gardens. Families and often large groups come to picnic on weekends. The park is also used for weddings and occasionally for small musical concerts. A tai-chi group meets every morning near the pavilion. A group of dogs and their owners use the park most evenings.

The sports oval is home for Chatswood Rugby Club. The club has a seasonal licence for use of the oval from 8am-5pm on Winter Saturdays (approx. April 1 to August 31) and for training on Tuesday (5-9pm), Wednesday (4.30-8.30pm) and Thursday (5-9pm) in Winter. The club also has a seasonal licence for practice in the Summer months of February and March on Tuesdays and Thursdays, from 6-8.30pm. The Chatswood Rugby Club uses an area under the pavilion as a clubroom.

Gordon District Junior Cricket Association have a seasonal licence for use of the oval each Saturday afternoon in Summer from 1-6pm.
 The turf wicket is available for casual hire on weekdays and Sundays.

The oval is used by local schools every weekday, Summer and Winter for school sport.
 On Tuesday, Wednesday and Thursday evenings till about 9pm, Summer and Winter, the oval is used for sports club practice.

Issues Raised (continued)	No of Letters	Rec/OS Plans	Focus Group	Action
4. FURNITURE and FACILITIES				
<ul style="list-style-type: none"> • Install toilet for the disabled. 		OS Plan		Install toilet for disabled.
<ul style="list-style-type: none"> • Install more seats and picnic tables at Darling Street end. 	5			Install seats and picnic tables.
<ul style="list-style-type: none"> • Install BBQs. 	1			Install seats near park edges.
<ul style="list-style-type: none"> • Install seats along the edges of the park for weary walkers. 	1			Redesign area.
<ul style="list-style-type: none"> • Install seats along the shady, cool Nicholson Street side of the park. 	1			No boundary fences.
<ul style="list-style-type: none"> • Area between oval seats is eroding. 	1			Toilet for disabled.
<ul style="list-style-type: none"> • Do not install park fences. 	2			Natural light.
<ul style="list-style-type: none"> • Install toilet near the playground. 	1			Lock playground toilet at night.
<ul style="list-style-type: none"> • Toilets are too dark in the afternoons - suggest install skylights. 	3	Rec Plan		
<ul style="list-style-type: none"> • No more toilets because undesirable people may be encouraged. 	1			
<ul style="list-style-type: none"> • "Install more lighting at Darling Street end for safety". (survey response) 	1	Rec Plan		Improve park lighting.
<ul style="list-style-type: none"> • Improve street lighting in Darling and Nicholson Streets surrounding the park. 	1	Rec Plan		Install bin near playground.
<ul style="list-style-type: none"> • "Install bin near playground." (survey response) 	1			
<ul style="list-style-type: none"> • Rubbish is left on the ground, install more bins ? 	1			
5. SPORTS OVAL				
<ul style="list-style-type: none"> • Request running track markings and long jump pit be returned for athletics use. 	1	OS Plan		Has impact on cricket use
<ul style="list-style-type: none"> • Oval lights are frequently left on after football training. Request better method of control or phone number that local residents can ring. 	1			Better control of oval floodlights.
<ul style="list-style-type: none"> • Sports clubs to meet a higher proportion of field maintenance costs. 	1	OS Plan		Consult and arrange with sports clubs.
6. PLAYGROUND				
<ul style="list-style-type: none"> • Maintain and improve District scale playground. 		OS Plan	OS Plan	Improve playground to district scale with access and equipment for disabled children.
<ul style="list-style-type: none"> • Install play equipment which promotes use by children with disabilities. 				
<ul style="list-style-type: none"> • Playground should be upgraded to district / regional level. 	1			
<ul style="list-style-type: none"> • Playground should be upgraded. 	1	Rec Plan		Install slide and suitable young childrens play space.
<ul style="list-style-type: none"> • "Used a lot by mothers with young children, and by families on weekends." (survey response) 	1			Keep playground open to all kids.
<ul style="list-style-type: none"> • Cubby house should be replaced. 	1			
<ul style="list-style-type: none"> • (*Cubby was removed because of use by adolescents and drunks) 	1			
<ul style="list-style-type: none"> • Slippery dip should be replaced. 	1			
<ul style="list-style-type: none"> • Young kids space has been removed. Now children such as 5-6 year olds from Our Lady of Dolours School do not use the playground. 	1			
<ul style="list-style-type: none"> • School groups dominate play area when they should be using the oval. 	1			Restrict competition sports to the oval.
7. RECREATION				
<ul style="list-style-type: none"> • The park should remain peaceful. 	1			Plant more shrubs.
<ul style="list-style-type: none"> • This is a good park for families. 	2			
<ul style="list-style-type: none"> • Late night use of basketball court is a disturbance. Plant semi-mature thick foliated shrubs along the fence of No 1 Edmund Street. 	1			Install near pavilion.
<ul style="list-style-type: none"> • Shouts and lung-clearing cries of tai chi classes at dawn on the basketball court every day of the year is a disturbance to neighbours. 	1			Improve lighting, Ranger and Police patrols.
<ul style="list-style-type: none"> • Install equipment for over 9 year olds eg tennis wall, another basketball ring. 	1			
<ul style="list-style-type: none"> • Undesirable night-time activities occur in the International Garden (evidenced by condoms), Floodlight the gardens to discourage this. 	1			
<ul style="list-style-type: none"> • Need for more frequent police patrol, esp. at night when lights are off. 	1			
<ul style="list-style-type: none"> • Night use is a problem, better since the play huts were removed. 	1			
<ul style="list-style-type: none"> • Problem of young people getting drunk in the park on weekends. 	1			
<ul style="list-style-type: none"> • Rangers to patrol more often. 				
<ul style="list-style-type: none"> • 				
	No of Letters	Rec/OS Plans	Focus Group	

Issues Raised (continued)				Action
• Dog club each afternoon - dogs are not controlled enough and not kept on leash.	1			Revise dog use of the park.
• Dog club people allow dogs to attack adults and children on the oval. This group is noisy and should park near the pavilion, not in Beauchamp Avenue.	1			Rangers to patrol
• Dogs should always be on lead.	2			Dogs to be on leash at all times and owners to clean up.
• Dogs defecating in recreational areas. Rangers to warn owners and perhaps penalise.	1	OS Plan		Rangers to patrol.
8. ACCESS, CARS, PARKING				
• Diagonal path is important pedestrian route.	2			Encourage safe bike riding and use of 'GreenWays'.
• Bicycle use of pedestrian paths is a problem, esp. to elderly walkers.	1	OS Plan		Provide marked spaces.
• Provide parking for the disabled.				Introduce parking restrictions.
• Parked cars detract from the appearance of the park. Limit parking.	1			As above
• Area is fully parked on weekdays.	1			As above
• Request a drop off zone in Darling Street eg 4 car spaces, 10 minute parking to drop off/ pick up kids.				As above
• Implement 2 hr parking limit around the park, and 2hr limit for non residents in all nearby streets.	1			As above
• Recommend resident parking only in Beauchamp Ave, 1 hr limit for others.	1			Police to investigate.
• Football patrons often park illegally, making it difficult to drive into Beauchamp Ave. This should be policed.	1			Traffic engineer to investigate.
• Remove speed bumps in Beauchamp Ave because they make no difference.	1			Make these streets 'GreenWays'.
• Speeding cars are a problem in nearby streets (Darling, Nicholson, Baldry). Install more traffic calming devices and have Police enforce 40kph limits.	1			
9. MAINTENANCE				
• Maintenance level has fallen slightly.	1			Provide high level of park and gardens maintenance.
• Flower bed maintenance has fallen.	1			Develop acceptable grass control method.
• Park is well kept.	2			
• Grass is not trimmed at base of trees. (*Trimming around trees is a major cause of tree damage)	1			

3.4 Comment On Issues

It is surprising that so many issues could be raised concerning the best park in Willoughby. The number and range of issues reveals how well the park is used and appreciated.

The main issues and requests are:

- Keep the existing open feeling
- Provide seats, picnic tables, toilet and lighting near Darling Street
- Keep and care for the trees and gardens
- Improve the playground
- Control dogs and anti-social night time behaviour
- Control car parking and traffic.

The park is used for many different purposes. The following actions will allow the needs of most visitors to be met, while introducing some improvements, new opportunities and controls.

3.5 Action Plan : Beauchamp Park

Objective / Assessment

1. GENERAL

- *Existing desirable features are protected.*

- | | |
|--|---|
| <p>1. Identify desirable features; large land size, feeling of open space, variety of settings and recreational opportunities, large trees, colourful and complex gardens, attractive views into and within the park, no fences to surrounding roads, good paths on main walking routes, no domination of use by one group, small, low key buildings, very little paved surface, high quality of maintenance, etc.</p> | <p>The list identifies all major features which determine use and appreciation of the park.</p> |
| <p>2. Carefully consider all proposed changes in order to avoid downgrading of the desirable features.</p> | <p>Desirable features of the park are not downgraded.</p> |

2. TREES and PLANTS

- *Appearance and use of the park is enhanced.*
- *The Benefits provided by trees are increased.*
- *The shrub and flower displays continue.*

- | | |
|--|--|
| <p>1. North of the oval, beside Beauchamp Ave to the rose garden, and on the oval side of the main path to the pavilion, plant light foliaged eucalypts eg E. leucoxyton var. macrocarpa 'Pink', or E. scoparia.</p> | <p>Area is connected visually with the rest of the park. Light summer shade is provided near the oval.</p> |
| <p>2. Plant approx 8 deciduous trees on the bank north and west of the oval, below the path. Keep a viewing space from the seats.</p> | <p>Summer shade is provided for spectators at the oval.</p> |
| <p>3. Retain the Reg McMahon memorial rose garden.</p> | <p>Continued enjoyment of the Rose display.</p> |
| <p>4. Along the western boundary from Rose to Nicholson St : maintain the garden to 3m varying width, continue replacement of poor conifers with flowering shrubs.</p> | <p>Park is more open, garden shrubs are attractive and visible, houses are screened.</p> |
| <p>5. Cotoneaster hedge - remove first 5m at Rose Street and from rose paths junction to northern end of new oval seating. Prune to 1 metre high behind new oval seating.</p> | <p>Opens these narrow areas. Gives view from path to the oval and the park beyond.</p> |
| <p>6. Plant semi mature, dense, screening shrubs along the boundary of No 1 Edmund Street.</p> | <p>Basketball noise and view to property is reduced.</p> |
| <p>7. Plant additional Eucalypts (native to the park) along Nicholson Street from the basket- ball court to the vehicle entry.</p> | <p>Eucalypts continue the main park planting theme. Shrubs allow view into the park and help to keep balls off the road.</p> |

- | | |
|--|--|
| 8. Prune the flowering peach at vehicle entry before fruit set. | Fruit fly is controlled. |
| 9. Modify to improve useable spaces, but retain most of the garden beds, with a variety of plants in each. | Interest of gardens is kept.
Attractiveness in all seasons. |
| 10. Continue planting colourful annuals along some edges and in pockets of the shrub garden beds. | Seasonal colourful addition to garden beds. |
| 11. Create some larger lawn areas between the gardens. | More sitting and picnic use. |
| 12. Continue planting Casuarina trees on, and at the base of the eastern bank of the oval. Casuarinas will cast less heavy shadow and introduce a new wind sound in this area. | Seepage is taken up by trees, shadows are lighter and wind sound is noticeable nearby. |
| 13. Continue to monitor and care for all the large trees. | Trees are healthy. |
| 14. Re-grass bare areas by shallow cultivation and establishment of native or exotic grasses. | More complete grass cover, better water infiltration. |
| 15. Plant trees, and shrubs to about 1 metre tall around the extended park corner of Nicholson and Darling Streets. | Increased recreational use and safety of this area. |
| 16. Re-make the International Grove into a sensory garden.. | Additional interest. |
| 17. Plant native trees to replace trees which have died and to reinforce existing groves and theme planting of Eucalypts. | Character of trees and groves is continued. |
| 18. Make a native plant garden between Beauchamp Ave and the main path, for 20 metres to the Darling Street corner. | Enhances the entry and separates path from cars. |

3. LANDSCAPE, ENVIRONMENT

- *Visually attractive landscape suitable for the expected recreation is provided.*
- *The landscape is created and maintained by use of sound environmental, horticultural and design practices.*

- | | |
|---|--|
| 1. Plant trees with high water requirements in areas of seepage and slow drainage. | Saving on cost of drainage works. Reduction of visible seepage and runoff. |
| 2. Locate new tree plantings in groves and bands, retaining open areas of varying size for recreation. | Range of recreation spaces created and used. |
| Sitting and small picnic nooks should be about 5m diameter, group picnic areas 10m, play areas at least 20 x 30 metres. | |
| 3. Remove stub path near Rose Street. | Improved appearance. |

4. FURNITURE AND FACILITIES

- *Suitable furniture and facilities to promote use*

and appreciation of the park is provided.

- | | |
|--|--|
| <p>1. Install a single unisex toilet suitable for use by the disabled. Locate this beside the garden closest the playground. This toilet to meet the needs of visitors to the Darling Street end of the park, and specifically the very young, elderly and disabled. The toilet to be locked at night.</p> | <p>Toilet meets needs of users at the Darling St end of the park. Toilet does not create problems.</p> |
| <p>2. Refurbish existing public toilets on western boundary and install a unisex disabled toilet..</p> | <p>Toilets are refurbished and well lit..</p> |
| <p>3. Provide 10 picnic tables in the park. Two of these should be under individual small shelters, one beside the playground and one among the garden beds. One table to be near the basketball court, the other 6 to be east of the oval. (see plan)</p> | <p>Most picnic table demand is met.</p> |
| <p>4. Provide about 15 comfortable bench seats with backs, placed in pleasant locations with good outlook. These seats to meet the needs of park users and those walking on pathways beside the park. (see plan)</p> | <p>Sitting and resting needs of park users and walkers are met.</p> |
| <p>5. Do not install any park fences.</p> | <p>Park is open to view and entry.</p> |
| <p>6. Provide 5 bins in the park. Locate these near areas most likely to produce rubbish, and in locations where regular emptying will not cause damage to the park. (see plan)</p> | <p>Bin number is adequate. Bins are emptied without damage to the park.</p> |
| <p>7. Provide night lighting of the playground area to allow evening use and to discourage anti-social behaviour.</p> | <p>Desirable use occurs. Anti-social behaviour is avoided.</p> |
| <p>8. Underground all electricity wires, from the pavilion to Rose Street and along the main path.</p> | <p>Wires removed, improved views and tree growth.</p> |

5. SPORTS OVAL

- *Provision of Sports venue suitable for district use .*

- | | |
|---|---|
| <p>1. Regular sports use of the oval to be local and district competitions. Do not upgrade the field beyond this level, and do not enlarge seating, pavilion, clubhouse or storage.</p> | <p>Oval use remains similar to present.</p> |
| <p>2. Regular use of the oval to be controlled by seasonal licence agreements through the Summer and Winter Sports Conference. Continue the existing licences to schools and sports clubs unless there is a strong public request for change.</p> | <p>Agreements for regular use of the oval to be made in consultation with community sports representatives.</p> |
| <p>3. Consider a rental for the room used by Chatswood Rugby as a clubroom.</p> | <p>Income return from private use of public building.</p> |
| <p>4. Do not install any additional fences near the oval.</p> | <p>Oval surrounds remain open.</p> |
| <p>5. Repair and replace existing low oval fence as required..</p> | <p>Low oval fence is retained.</p> |
| <p>6. Maintain turf on the sports field in good condition for sport</p> | <p>The oval looks attractive and</p> |

and general use in all seasons.

7. Control use of the oval in wet weather to avoid excessive damage to the wicket, turf and drainage system. If sport is played on this oval when the soil is wet the drainage system will become clogged and sandy soil will be mixed into the wicket preventing a hard even pitch in Summer.
8. Monitor performance of the sportsfield drainage system. Supplement the 1995 drainage works if necessary to limit the number of days on which the oval is closed to a maximum agreed by the sports groups and Council.
9. Reconstruct seating area north of the pavilion. Provide 2 areas of seating from the hedge to the oval, each 10m wide with a 10m space between for trees and grass. There will be more seating but this will take less space. Remove the brick seat and re-turf that area.
10. Oval floodlights to be controlled so that they go off by 10pm each night and are not used on Sunday nights, unless Council gives permission for special events.
11. Basketball lights to be on from sunset till 9pm, Tuesday to Saturday for general public use. Introduce control system to ensure lights go off.

turf is suitable for recreation.

Repair costs of football field are contained.

Life of wicket and drainage system are extended.

Oval is closed on average maximum of 14 days per year, over 5 year test periods.

Spectator seating is sufficient for normal games, trees grow to provide Summer shade, the area is attractive.

Oval lights are off by 10pm.

Basketball court is used in the evenings. Disturbance to neighbours is reduced.

6. PLAYGROUND

- *Provision of a district scale playground which is accessible to children with disabilities.*

1. Retain playground in present location which provides summer shade, a good safety distance from roads, and open view from surrounding streets and houses.
2. Involve students of local primary schools, and East Ward residents in planning of playground improvements.
3. Plan equipment and access to allow more use by children with disabilities, and to give them opportunity to excel in certain skills.
4. Upgrade the playground to 'district' level by installation of additional equipment to suit regular use by 1-12 year old children. The area of the playground should not increase by more than 1.5 x existing size.

Install;

larger slide and challenging items for 6-12 year olds, more interesting items and spaces for 3-6 year olds, gentle movement, group 'ride' for 1-3 year olds.

Present location benefits are retained.

Consultation results in a great playground for children, and increased community use.

Increased use of the playground by disabled children and healthy social contact of all children.

Upgraded playground attracts local children and parents for regular visits.

5. Do not fence the playground. It should be an unobstructed part of the open park and picnic area.

Playground open to view and access for children.

7. RECREATION

- *Opportunity for a range of outdoor recreation including competitive sport, individual and group, passive and energetic activities is provided.*

Activities are controlled in order to provide a park that is healthy and non threatening.

- | | |
|--|--|
| <p>1. This is the district park for North Chatswood and should be the venue for a wide range of outdoor community activities. Recognise the suitability of the park for 'one off' and special events such as cultural festivals and childrens entertainment including fireworks, farm animals etc. A limited number of these, eg 12 per year could add colour and interest for all local residents. Invite local charity, NESB and religious groups to submit proposals.</p> | <p>Family entertainment and cultural celebrations occur in the park.</p> |
| <p>2. Do not prohibit special and infrequent events on the basis of minor damage which may be caused. Surface damage such as caused by horses or a bonfire can be repaired, and are justified for large community events.</p> | <p>Damage to quickly renewable features such as turf is accepted by park managers.</p> |
| <p>3. Limit the location of regular competition sports to the oval.</p> | <p>Remainder of park is peaceful.</p> |
| <p>4. Provide a large open space from beside the playground to Baldry Street for unstructured play, picnic and ball games.</p> | <p>Increase in use of this area for gentle active games.</p> |
| <p>5. Rearrange garden beds to create lawn spaces suitable for weddings, picnics etc among the gardens.</p> | <p>Increased appreciation and use of the gardens.</p> |
| <p>6. Consider a BBQ in the picnic playground area..</p> | <p>Park continues to be a quiet picnic venue, mainly for locals.</p> |
| <p>7. Build a tennis practice wall at the eastern end of the basketball/netball court.</p> | <p>Existing facilities used for wider range of activities.</p> |
| <p>8. Install a basketball ring on the southern pavilion wall for young kids to use when adolescents take over the court.</p> | <p>Conflict avoided.</p> |
| <p>9. Consider existing restrictions on dogs in Beauchamp Park.</p> | <p>No dogs in the playground, picnic and garden areas.</p> <p>Children can play on the ground, people can picnic and lie on the ground without risk of dog attack, mess or faeces borne disease.</p> |
| <p>10. Police and Council rangers/security to patrol the park, especially at night and weekends to control disorderly behaviour.</p> | <p>The park remains safe, with a minimum of vandalism or anti social behaviour.</p> |

8. CARS, PARKING

- *Car parking is controlled to provide visual and physical access to, and use of the park.*

Traffic Committee to consider the following:

- | | |
|--|--|
| 1. Car parking in Nicholson Street adjacent the park to be 2 hour limit from 8am -6pm, Monday-Friday and | Car spaces available for park visitors. |
| 2. Car parking in Darling and Rose Streets adjacent the park to be 4 hour limit from 8am -6pm, Monday-Friday. | As above. |
| 3. Create 3 zones of 'No parking at any time' to provide views into the park from adjacent roads. These zones to be 30m opposite Blakesley Street, 30m both sides of the Nicholson Darling Streets corner and 30m down Darling Street from Beauchamp Avenue. | There are views into the park, and the park does not appear cluttered with cars. |
| 4. Create six, 10 minute 'drop off' car spaces, 2 at the pavilion entry and 2 each on the end of the parking zones at the Nicholson / Darling Street corner. | Easy to drop off and pick up visitors/children at the park. |
| 5. Create 3 parking spaces for the disabled, 1 at the pavilion entry and 2 in the most level section adjacent Beauchamp Avenue. | Adequate parking available for the disabled. |
| 6. Replace the swing gate at the pavilion entry with a bollard. | Allows access for wheelchairs. |
| 7. Traffic Engineer to investigate the effectiveness of speed control bumps in Beauchamp Avenue and install an additional bump at the end of Spearman Street. | Improved traffic calming, and safety for walkers on the new path at Beauchamp Ave entry. |
| 8. Make Rose, Spearman, Darling, Baldry, Blakesley and Nicholson Streets into 'GreenWays' - park like streets with trees, gardens and lawns in the pavement area. | Speed of traffic is reduced and streets become more attractive and bike-friendly. |
| 9. Police to patrol local streets to reduce car speeding and illegal parking (especially on football days). | Improved safety. |

ACCESS and PATHS

- *Suitable entry points and access through the park for pedestrians and the disabled is provided.*

- | | |
|--|---|
| 1. Connect the western path to the paving south of the pavilion to create a link for wheelchairs, bikes, rollerblades and skateboards. | Improved 'wheeled' access. |
| 2. Build ramped paths onto the basketball court from the western path and pavilion paving. | Increased recreational use. |
| 3. Build wheelchair ramp from above the steps at Nicholson Street entry (behind No 1 Edmund) to the footpath. | Wheelchair access. |
| 4. Remove railings at seating north of the pavilion. | Wheeled access to seating area. |
| 5. Remove steps from the path on the bank above the oval, and where this path meets the path to Rose Street. | Wheeled access. |
| 6. Extend the oval bank path to Beauchamp Avenue, and along the parking strip to turn into the park opposite No 15 or 17. Separate this path from Beauchamp Ave roadway and prevent car parking. | Logical extension of path creates walking connection from east to west of oval. |

- | | |
|---|---|
| 7. Consider extending this path in “grass cell” matting below the oval and through the gardens to Blakesley Street if the area becomes worn by excessive use. (Grass cell matting is a rubber mat with holes which the grass grows through. The resulting path looks like grass but does not wear out.) | Wheelchair access and inconspicuous path for general use. Grass areas look attractive |
| 8. Consider Installing a “grass cell” loop path from the new toilet, past the playground to the disabled car parking spaces opposite No 9 Beauchamp Ave. | As above. |
| 9. Install hard paving from the main path to the new toilet. | No surface erosion.
Wheelchair access to toilet. |
| 10. North of the oval, increase the space between the water tank and fence and continue the narrow path 5m past the tank. | Level walk outside the fence connects east to west of the oval. |

LINKAGE TO OTHER PARKS

- *Linkpaths and GreenWays to the park are established.*

- | | |
|--|--|
| 1. Promote the GreenWays as walking and bicycle paths. | Less use of cars in local area. |
| 2. Complete the East Chatswood Walking Trail along Nicholson Street to join the Sydney Water drainage reserve at Macquarie Street. | Beauchamp Park is on a district walking trail route. |

9. MAINTENANCE

- *The park is maintained according to sound environmental and horticultural practices.*
- *The cost of park maintenance is controlled.*
- *Involvement of local residents and groups which use the park.*

- | | |
|---|---|
| 1. Ensure all work in the park is carried out or supervised by a qualified horticulturist with suitable experience. | Use of sound environmental and horticultural practices. |
| 2. Prepare specifications for general park maintenance and carry out work to meet specifications. | Work done to specification and costs controlled. |
| 3. Invite district residents and garden club members to assist in the maintenance of the roses and shrub gardens. | Community involvement and reduction in public spending. |
-

3. BEAUCHAMP PARK

**PLAN OF MANAGEMENT:
PROPOSED IMPROVEMENTS**

Peter Thyer May 1996

4. MUSTON PARK

4.1 Basis for Management

To continue the existing role of the park, including provision of a district playground, picnic area and opportunity for unstructured recreation, in an open woodland / garden setting.

To re-establish and maintain the creek as a natural watercourse.

To grow trees for environmental and community benefit.

To make this reserve part of the East Chatswood (CBD to Castle Cove) walking trail.

4.2 Description / Value Statement

The park is owned in fee simple by Willoughby City Council.

Area of the park is 21,165 square metres (2.1165 ha).

Classification of the land is 'Community', and Category of the land is 'Park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

The park contains significant native and exotic trees and large areas of lawn. Scotts Creek is the central feature.

Rex Hazlewood a Sydney nurseryman drew a plan for improvements to the park in 1952. Three elements of that plan are now features of the park :

- The ring of Spotted Gums north of the playground which he named the King George VI Memorial Grove.
- The ring of Lemon Scented Gums south of the toilets which he named the Queen Elizabeth II Grove.
- The Wisteria walk which was originally planned to extend to Douglas Avenue and to include a 20 metre square pergola in the southern open lawn area.

The park also contains a playground, path from Penshurst Road to Douglas Avenue, lighting, picnic tables, seats and public toilets. The land is gently undulating and slopes to the creek.

The park is often referred to as 'Rocket Park' after the large rocket shaped play structure which was in the park for many years. The park is popular now because it provides a range of settings and recreational opportunities. The tall trees create a peaceful setting even with the busy traffic on Penshurst Road. Elderly residents of the adjacent retirement homes walk in the park, and through the park to the shops. Visitors stop to picnic and groups often picnic on weekends.

Scotts Creek flows in an artificially carved sandstone channel near Penshurst Road, and in a concrete channel to Douglas Avenue. The creek water is often polluted and there is often rubbish along the banks.

Surrounding properties are mainly detached residential homes, with high density retirement homes between the park and Douglas Avenue.

4.3 ISSUES IDENTIFIED IN CONSULTATION AND PREVIOUS STUDIES

11 letters were received in relation to Muston Park.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group	Action
1. GENERAL, LANDSCAPE <ul style="list-style-type: none"> • Leave undeveloped and unchanged. • Sloping ground is great, don't spoil the appearance. 	1			Retain best features.
2. TREES and PLANTS <ul style="list-style-type: none"> • There are 2 rings of Eucalypts, to commemorate King George VI and Queen Elizabeth II. • Plant shrubs to enhance the King George VI ring of trees, and remove the 2 trees from the centre. • Concern that the 20 new trees will restrict play area and be a security risk when grown. • Don't plant trees in the open areas. • Plant a deciduous tree in the large (southern) open area. • The Jacaranda and Chinese tallow trees in the N.E. corner need to be protected from mowers, mulched and fertilised. • Pleased to see the new trees planted. • Flower beds at Penshurst Street path entry have never been planted. • Wisteria arbor is popular, consider finishing walkway design from Penshurst and Eden to Douglas Street / Maintain the Wisteria and advertise its flowering. • Request Council plant a row of bottlebrush as privacy border along boundary of No 391 Penshurst Street (house at end of Warrah St). 	1 1 1 1 1 2 1 1 1			<p>–</p> <p>Extend maze along the ring. Remove the two.</p> <p>Retain some open areas. At far south end.</p> <p>Better care of trees.</p> <p>–</p> <p>Plant attractive perennials. Maintain existing, advertise flowering.</p> <p>Plant to define and enhance park edge.</p>
3. SCOTTS CREEK <ul style="list-style-type: none"> • Scotts Creek comes from the CBD • Tidy up the creek, remove rubbish and weeds, plant out. • Plant native soil binding species to stop erosion of the banks eg Lomandra, Dianella. • Drain is dangerous for kids-should be fenced. • Make weirs and ponds with reeds in the creek. • Install rubbish traps • There is no consistency of creek channel appearance • The creek used to be a pretty stream, it should be made a lovely feature like the Avon River in Christchurch, NZ. • Concern about stagnant water at concrete apron at end of Eden St. • Plant the stagnant water pond with native rushes (Juncus spp., Scirpus spp. or Eleocharis spp.) • The creek is often polluted by chemicals or paint in the late afternoon. Request council investigate and stop this. 	3 1 1 1 1 1 1	Rec survey Rec survey		<p>–</p> <p>Carry out.</p> <p>Carry out as part of creek recovery. Make the drain into a creek. Make natural creek. Outside the park. Make natural creek. Carry out as part of creek recovery. Make natural creek. Carry out as part of creek recovery. Investigate and stop pollution.</p>
4. FURNITURE and FACILITIES <ul style="list-style-type: none"> • Install tennis wall and Basketball hoop for children over 10 years old. • Install bike track? Over the new bridge. • Install basketball full or half courts. • The pathway is used by nearby retirement village residents for daily walks, to and from shopping and buses. 	1 1	OS		<p>Install Wall & Basketball hoop. No. Install half court</p> <p>Maintain pathways.</p>

Issues Raised (continued)	No of Letters	Rec/OS Plans	Focus Group	Action
FURNITURE and FACILITIES (CONT.)				
<ul style="list-style-type: none"> Fence or hedge needed along Penshurst Street. Keep view from cars into the park. Safety barrier needed for playground, not straight, maybe with seats. 	2	Rec survey		Carry out.
<ul style="list-style-type: none"> Install another bridge , covering the sewer pipe. Is a barrier needed to keep balls out of the creek. Pathway from toilets to Penshurst Street is very slippery when wet. Bridge is slippery when wet, ends are too steep for older people. 	1	Rec survey		Upgrade the playground. Further investigation Plants will do. Make safe. Make safe.
<ul style="list-style-type: none"> Upgrade toilets and shelter Unsavoury characters have accosted elderly people near the toilet block. 	1			Upgrade, install toilet for disabled. Increase natural light to toilets.
<ul style="list-style-type: none"> Install seats beside the path to rest and view the creek area and new trees. Provide seats and shelter for use with young children Install BBQ, (electric?) and picnic tables Build an amphitheatre ? 	1			Carry out. Install tables and BBQ No, use southern area. Investigate.
<ul style="list-style-type: none"> Install an extra light near centre of park to discourage young people who cause disturbance at night. No new buildings. 	1			Install 2 picnic shelters.
5. PLAYGROUND				
<ul style="list-style-type: none"> Maintain and improve district scale playground. Kids favourite park because of play equipment especially the rocket. 		OS Plan Rec survey		Carry out the planned playground.
<ul style="list-style-type: none"> Playground plan in progress, from exercise with St Thomas school kids 				As above As above
<ul style="list-style-type: none"> Improve the playground. 	1			As above
<ul style="list-style-type: none"> Install additional play equipment. 	1			As above
<ul style="list-style-type: none"> Replace the Rocket. 	1			–
6. ACCESS, LINKAGE, PARKING				
<ul style="list-style-type: none"> Vehicles damage the park when gate is left open. 	1			Keep the gate locked.
7. MAINTENANCE				
<ul style="list-style-type: none"> Grass cutting is poor standard with clumps of grass left on paths. 	2			Improve grass cutting and frequency.
<ul style="list-style-type: none"> Cut the grass more often. 	1			
<ul style="list-style-type: none"> Large twigs and branches fall on the path constantly and are removed by walkers. 	1			This is normal in a park with trees.
<ul style="list-style-type: none"> Tables and benches need repair. 	2			Carry out.
<ul style="list-style-type: none"> Clean up rubbish in the creek and on banks. 	3			Carry out.
<ul style="list-style-type: none"> General appearance of neglect. 	1			Improve maintenance, volunteers may help.

4.4 Discussion Of Issues

The most important issue for Muston Park is the condition of Scotts Creek. It is generally considered to be an eyesore and potential health hazard.

Council should work with the whole community to identify the source of, and to reduce pollution in the creek. Cleaning up the creek is going to be a long term project. Scotts Creek carries water from the Pacific Highway, the Chatswood CBD, and all the industrial, commercial and domestic development in the catchment area before it enters Muston Park.

Water entering the park and creek should be clean. There should be no need to build gross pollutant traps or other water treatment devices in the park. Treatment should occur on the polluting properties or in the drainage easements leading to the park.

Fortunately, much of the water treatment and rubbish collection could take place in the concrete channels upstream of Penshurst Street. Sydney Water, as owner of that open creek channel, should meet its expected responsibility of discharging only clean water at Muston Park.

There is a need to have young trees growing to replace the beautiful old trees when they begin to decline. The new plantings of deciduous trees will introduce additional autumn colour and keep the park open to winter sunlight. Care should be taken not to plant trees in all the areas which are large enough to play and kick a ball about. The new trees should be protected from mower and whipper damage, and fertilised and watered while they establish.

The King George ring of trees is reasonably intact and appears to have many years of growth yet. This feature should not be tampered with and does not need to be reinforced.

The Queen Elizabeth grove is not so easily recognised, other trees and the toilet block interfere with the pattern. This feature could simply be known as a grove, as it is called on the original plan, and no effort be made to create a ring of trees. An alternative would be to plant smaller growing gums in a smaller ring, picking up a line of some of the existing trees.

The Wisteria walk is probably not well enough known. Its flowering should be advertised, and perhaps a community event, eg 'East Ward residents meet the councilors picnic', or 'Spring equinox sunrise to sunset outdoor drama' could become an annual event in the park.

The Wisteria takes quite a lot of maintenance, and the sides of the existing walk should be opened more to allow access and create a more comfortable feel. The present length of the walk creates plenty of impact, there is no need to extend it.

A few suggestions have been made for the square, flat lawn area between the Wisteria walks. It is uncomfortably square, and as an amphitheatre the audience would be looking into the sun. Perhaps one large deciduous tree on the Eden Street side at the entry to the square, and groups of spring flowering shrubs on the banks would improve the appearance of the space and enhance the spring floral display.

Muston Park is the only one of the four main East Ward parks which does not have a sportsfield. This lawn area should be kept open so there is somewhere local to kick a ball and run around.

Plans have been prepared with assistance of children from St Thomas' primary school for an upgraded and extended playground. This should be constructed with its 'cubby-castle', grass mazes and community art.

The *Open Space Plan* recommended a half basketball court for Muston Park. This would require paving and is considered appropriate. Alternatively, a basketball court could be marked out on the bitumen at the end of Douglas Avenue or High Street, with the rings at the side of the road. A tennis/handball wall should also be incorporated into the park (south of the creek) for activities by older children.

The approaches to the footbridge are too steep, and dangerously slippery in the wet. The path near the Penshurst Road entry is also slippery. These must be rectified.

A second bridge, near Warrah Street would allow more interesting walks around the park. A path could lead from this bridge around the northern end of the park for use as a childrens cycle track. The Penshurst Road footpath could form part of this route if a hedge was planted between the path and the road.

Unfortunately there would be some conflict if the path was used by inexperienced young riders, and elderly walkers from the retirement villages. A pattern of use would probably develop with times of the day when there was no problem.

The sewer pipe is unsightly now, but may not be so visible when planting is established along the creek. Also, when the creek water is clean, the blade can be removed and the pipe return to being a childrens challenge.

The toilet block is not very appealing. Both toilets should be upgraded with access for the disabled, and made lighter eg with glass brick panels or skylights.

A summer house style picnic shelter with one table would be attractive and well used near the end of Eden Street. A few more comfortable seats in pleasant locations are sure to be appreciated. An electric BBQ should be installed.

There is plenty of parking in Eden Street. This capacity would be increased by angle parking over the rolled kerb. No parking should ever be considered in the park. Council should promote travel to the park by foot, cycle and public transport.

The park boundaries to properties 391-399 Penshurst Street and the retirement complexes should be surveyed. A private property sign attached to a tree near the retirement homes appears to be well inside the park, and the BBQ area of the homes appears to be partly in the park. The actual boundaries at the retirement home and the Penshurst Street driveways should be identified by a row of shrubs so the entire area of the park is available for public use.

A garden bed about 2 metres wide could be established between the retirement accommodation and the park with formal agreement that this be maintained by the retirement homes. The garden would create a barrier to the homes, and create added floral interest to the park. This area of the park is not well used at present. Public access to the retirement home bridge, or a public bridge near Warrah Street as mentioned above would create better walking opportunities.

Park maintenance has been criticised, mainly for the infrequency of lawn mowing and the grass clippings left after cutting of long grass. The effective solution to this is to mow the lawns more often. The paths should be left clean after mowing.

4.5 ACTION PLAN : Muston Park

Objectives / Assessment

1. GENERAL

1. Carefully consider all proposed changes in order to avoid downgrading of the existing desirable features.

Desirable features of the park are not downgraded.

2. TREES and PLANTS

1. Develop a plan before planting more trees.
2. Protect and care for existing young trees.
3. Plant attractive, hardy perennials in the entry gate boxes.
4. Remove the 2 trees in the centre of the King George VI grove.
5. Trim and maintain the Wisteria.
6. Make the Wisteria walk more open. Remove every other side panel, offset on each side.
7. Plant a large growing, spring flowering deciduous tree on the Eden Street side of the entry to the square southern lawn.
8. Plant groups of spring flowering shrubs and blossom trees on the banks of the square lawn area.
9. Plant a hedge to grow about 1 metre tall along Penshurst Road from the bridge to the northern gate. This should be between the footpath and the road.
10. Plant a row of shrubs to identify the boundaries of the park with properties 391-399 Penshurst Street, and the retirement developments.
11. Plant a garden bed about 2 metres wide between the retirement accommodation and the park.

Open play areas are kept.
Attractive tree groves created.

Strong growth and health of young trees

Low Maintenance feature.

The space is visible as a circle and is available for activities.

The walk is unobstructed.
Impressive flower display.

Easy access. Removes sense of entrapment.

The area is given a more visually appealing shape.
Winter sun is kept. Spring flower at 'Wisteria Time'.

More spring floral display.
Shape of the area is improved

Creates safety barrier and partly blocks view of cars from the park. Vehicle passengers able to see into the park.

Park users are aware of and able to use the whole of the park.

The garden creates a barrier to the homes, and adds floral interest to the park.

3. SCOTTS CREEK

1. Council to initiate and support a streamwatch program with at least 6am -9pm rapid response to reports of pollution. Also continue and extend catchment awareness programs.

Specific sources of creek pollution are found and stopped. General pollution is reduced.

1. Request Sydney Water to install water treatment plant(s) in

Low flow rate water in the

their Scotts Creek channel to ensure only clean water flows from that channel into Muston Park at low flow times.

2. Install and maintain effective gross pollutant traps on the Scotts Creek channel and other drainage lines before they enter Muston Park.
3. Remove any rubbish from the creek in Muston Park at least weekly. Invite volunteers to do this daily.
4. Reshape the creek channel to the edge of the park to make it look more natural..
5. Plant native creek side species to stop erosion and to re-create a natural appearance.

creek is clean.

Rubbish does not enter the park along the creek or drainage lines.

The creek is free of rubbish.

Creek channel looks natural.

Natural creekside appearance and stability obtained.

4. FURNITURE AND FACILITIES

1. Install a half basketball court and hardball/tennis wall.
2. Consider building a bridge over the creek channel near Warrah Street.
3. Treat or resurface the pathway from the toilets to Penshurst Street, and the existing bridge span surface to make these non slippery in wet weather.
4. Reconstruct the approaches to the existing bridge on a more gentle grade.
5. Upgrade the toilets, including provision of access for the disabled
6. Install a picnic shelter with one table near the end of Eden Street and an electric BBQ.
7. Repair or replace existing, and install 2 additional picnic tables.
8. Install a few comfortable seats, particularly with a pleasant view, near the path, for the elderly.

Activity for older children.

New bridge allows walks and cycling around the park.

Pathways are safe in all weather.

Bridge is able to be used comfortably by the elderly.

Improved, lighter toilets with access for the disabled

Shelter available for picnics.

Sufficient picnic tables, in good order.

Seats used for resting and viewing.

5. PLAYGROUND

1. Install the upgraded and extended playground as designed.

Theme playground is well used by district residents and extends the city wide range of playground settings.

6. ACCESS, LINKAGE, PARKING

1. Promote travel to the park by foot, cycle and public

Environmental and personal

transport.

2. Develop the East Chatswood (CBD to Castle Cove) walking trail through Muston Park.

health benefits. Reduced demand for car parking.

Increased opportunity for recreational walking, and access to parks along the trail.

7. MAINTENANCE

1. Arrange an inspection and scheduling system, and sufficient resources to ensure grass is mown as frequently as necessary.
2. Establish a 'friends of the park' group of volunteers who keep an eye on things, advise the Council when repairs are needed, and carry out light frequent maintenance such as clearing twigs from the paths and rubbish from the creek.

Lawns are kept short. Grass clippings are not left on the paths.

Community involvement, park is kept safe and attractive, costs are controlled.

8. ENCROACHMENTS

1. Survey the boundaries of the park to properties 391-399 Peshurst Street and the retirement complexes.
2. Resolve any encroachment.

Investigation to identify encroachment if any.

Full area of park is available for public use.

5. KOOROORA RESERVE

5.1 Basis for Management

To retain the reserve and continue its existing roles.
 To provide tennis facilities primarily for use by residents of the East Ward district.
 To manage the tennis facilities through lease to a suitable organisation.
 To provide an area of this local park for the purposes of passive recreation and infants play.
 To grow trees on public land.

5.2 Description / Value Statement

The park is owned in fee simple by Willoughby City Council.
 Area of the park is 5,274 square metres (0.5274 ha).
 Classification of the land is 'Community', and Category of the land is 'Sportsground' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.
 The reserve is currently leased to The Kooroora Tennis Club.

This reserve is a battle-axe block, with detached houses all round. Entry is by a long driveway, the clubhouse blocks any view of the reserve, and it appears from the street to be just another house.

It is generally preferred to have parkland open to view and easy access from the street. In this case the specialised use for tennis is appropriate in creating a purpose for the park, and the enclosure is a benefit for safety of young children accompanying their parents to tennis.

The reserve contains 6 clay tennis courts, floodlights, clubhouse and summer house, a store shed and parking for 8 cars.

There is a strip of grass 4-8 metres wide outside the tennis court fence. There are no trees in the reserve. Large trees on adjoining properties overhang the boundaries and provide some shade and a pleasant setting.

The reserve is leased by the Kooroora Tennis Club for an annual fee of \$5,000.

The present 5 year lease expires on 30 April 1998.

The proportion of use of the courts by local residents has not been investigated. This should be considered prior to renewal of the lease.

The tennis courts are well used in the daytime and evenings. The courts and the reserve are maintained in a neat condition. Use of the courts does not appear to be a problem to neighbours.

Most other tennis complexes in the northern suburbs have changed to artificial grass. Although the clay courts take more upkeep and cannot be used as reliably after rain, the club has not needed to meet the expense of the change over.

The club has bought No 5 William Street East which is adjacent to the entry on the east side, and backs onto the reserve.

5.3 ISSUES IDENTIFIED IN CONSULTATION AND PREVIOUS STUDIES

2 letters were received in relation to Kooroora Reserve.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Signs needed to show it is a public park. • Tennis club have purchased house No 5 next door to build large club house. The existing clubhouse will be kept. • Clubhouse is 25-30 years old and in need of repair. • Needs play equipment for toddlers. • Would like childrens play equipment. • Would like park to remain a tennis centre. • Use of the park by other visitors is not a problem to the tennis club. • Check conditions of lease • Needs more car park • Access or membership is not free • Maintenance is carried out by the tennis club and hirers to a suitable standard. 	 1 1 1 1 1 1		

5.4 ACTION PLAN : Kooroora Reserve

Objective / Assessment

1. TREES and ENVIRONMENT

- *Appearance of the park is enhanced.*
- *Environmental and community benefit is provided by growing trees on public parkland.*

1. Plant at least 6 suitable trees between the tennis fence and reserve boundaries.

The trees provide Summer shade and attractive setting. Trees are on public land.

2. CLUB HOUSE and FACILITIES

- *Suitable facilities are provided to promote use and appreciation of the park.*

1. Install a WCC park name sign at the entry.

People know this is a public park.

2. Investigate the condition of the clubhouse and estimate the cost of required repairs.

Informed decisions are made on future of the clubhouse.

3. Identify the tennis club's needs and wishes in relation to the existing clubhouse. Allow/carry out appropriate repairs and alterations to the clubhouse.

Club members and casual hirers have a suitable 'clubroom'.

4. Install a few items of play equipment for 1-4 year olds and a seat nearby.

Increased appeal and use of this reserve.

ACTION PLAN (continued)

3. LEASE

- | | |
|--|---|
| 1. Investigate the proportion of local membership of the Kooroora Tennis Club, and the availability of the courts for hire by local residents. Discuss these issues with the club. | Tennis facilities are available to district residents. |
| 2. Investigate the conditions of the present lease and determine its suitability for renewal. | The tennis courts are managed and developed through a community based club. |
| 3. Prepare a new lease ensuring this will provide appropriate access to the courts for local residents, and that suitable maintenance and development will occur. | New lease is prepared at least 6 months prior to 30.4.98. |
| 4. Make the new lease for a period of 5-10 years. | Lease period allows the club to meet required conditions of membership and works. |

8. CARS, PARKING

- | | |
|---|---|
| <ul style="list-style-type: none"> • <i>Area of the reserve set aside for carparking is reduced.</i> • <i>The number of cars entering the reserve is reduced.</i> • <i>Problems of street congestion caused by users of the tennis courts are reduced.</i> | |
| 1. Do not allow any more of the park area to be used for car access or parking. | Protection of park amenity in accordance with policy. |
| 2. If the Kooroora Tennis Club is intending to redevelop the adjoining property as a clubhouse, discuss the issues of carparking with them. | Protection of park amenity and reduction of carparking on the street. |
| 3. Install a gate at the end of the driveway near the clubhouse. | Increased safety and area available for childrens play. |
| 4. Promote use of the courts by local people, and promote travel to the courts by foot, bike or car pool. | Reduction of cars and parking in the street. |
-

6. LAMETTE STREET RESERVES

6.1 Basis for Management

- To retain the reserves and continue their existing roles.
- To provide attractive parkland which enhances the 'garden suburb' appearance of the area.
- To grow trees, and to keep paving to a minimum for environmental benefit.
- To provide small parks for passive recreation and childrens play.

6.2 Description / Value Statement

The reserves are owned in fee simple by Willoughby City Council.
 Area of the reserves is 952 square metres (0.0952 ha).
 Classification of the land is 'Community', and Category of the land is 'Park' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

These 2 parks are on diagonally opposite corners of Lamette Street at the intersection of Fontain and Crick Streets. Development of the surrounding area is mainly detached, single storey dwellings on blocks of 500 sq metres or larger.

The importance of these little parks will increase as houses in the area are renovated and enlarged, removing private trees and reducing backyard space. For this reason it is recommended that the parks be used for growing large trees, with visible open space for recreation.

The northern reserve (Fontain Street) contains a row of young trees along the residential boundary. The reserve is gently sloping, well grassed, has a pleasant, open appearance and is large enough for childrens play. There is no park name sign or play equipment. There are healthy, mature brush box trees on the nature strip and a seat facing into the park . There are no electricity wires over the park or nature strip.

The southern reserve (Crick Street) is smaller, with 5 young bottlebrush shrubs along the residential boundary and 2 older bottlebrush on the nature strip. This area is gently sloping with good turf cover. There is no park sign, seat or play equipment. There are electricity wires over the nature strip, but the nature strip is wide with space for trees beside the wires.

This park adjoins the Sydney Water drainage reserve (Scotts Creek). If Willoughby Council takes over the drainage reserve and develops the walking trail from the CBD to Castle Cove, this park could be an attractive entry point.

6.3 ISSUES IDENTIFIED IN CONSULTATION AND PREVIOUS STUDIES

1 letter was received in relation to Lamette Street Reserves.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Make a Japanese garden • Make a low maintenance, dry garden • Give the park a name and install a sign • Install seat and table • Install seats or benches. 	1		

6.4 ACTION PLAN : Lamette Street

Objectives / Assessment

LANDSCAPE, FURNITURE and LINKAGE

- *Appearance of the park is enhanced.*
- *Environmental and community benefits are provided by growing trees on public parkland.*
- *Use of this and other parks is increased by creating pleasant walking links between the parks.*

- | | |
|---|--|
| 1. Install a WCC park name sign in each reserve. | Parks identified as public land. |
| 2. In 'Fontain' park, plant native shrubs along the fence between the trees, and along the northern fence. | Shrubs screen the fences, improve view into the park. |
| 3. In 'Fontain' park, plant a large growing gum tree near the road corner. | Future significant tree on public land, improved sense of enclosure in the park. |
| 4. Install a park seat and low bench-table in 'Fontain' park, beside the young trees in the NW corner near the palm. The seat to be closest the palm, facing the street corner. | Comfortable seat with view for adults, and table suitable for young children. |
| 5. In 'Crick' park, plant a native shrub garden along the house boundary and half way along the Lamette Street footpath towards Crick St. | Screens the house from the park, defines the park space. |
| 6. In 'Crick' park, plant 1 or 2 large growing trees. The trees should be deciduous so the adjacent house is not made too dark in winter. | Future significant trees are on public land. Adjacent house is not shadowed in winter. |
| 7. Plant a few large growing native trees on the Crick Street nature strip. | Future significant trees are on public land. |
| 8. Install a park seat in 'Crick' park, on the low side of the Lamette garden, looking down Crick Street. | Seat is protected behind by the garden, view over the park. |
| 9. Introduce 'No Parking' zones beside the parks in Fountain and Crick Streets. Use road or kerb markings, not signposts. | Parks are visible, not obstructed by parked vehicles or street signs. |
| 10. Remove the fences to the Scotts Creek drainage reserve after negotiation with Sydney Water. | Enlarged park area and more pleasant view without fences. |
| 11. Develop the East Chatswood (CBD to Castle Cove) walking trail, either along Scotts Creek channel or via Milton Crick Lamette Royal Ashley Streets. | The Lamette Reserves are on a walking trail, and are seen and used by more people. |

7. HIGH STREET RESERVE

7.1 Basis For Management

To retain the reserve and provide an attractive local park for general recreation, especially childrens play.
 To grow trees for shade, environmental benefit and to be future landmarks.
 To manage stormwater.

7.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is 2,085 square metres (0.2085 ha).
 Classification of the land is 'Community', and Category of the land is 'General Community Use' under the terminology of The Local Government Act (1993).
 The category to become 'Park' when the reserve has been improved and is seen to be open for public use.
 Zoning is Open Space 6(a) Existing recreation.

The land is almost level, situated in a natural drainage hollow about 1 metre lower than High Street. The park was formed when a cottage and 2 semi detached houses were removed from the land after repeated flooding. There are drainage pipes under the park, but in very heavy rain the park becomes a retention basin, filling to, then overflowing High Street.

The park is well grassed and contains a few shrubby trees and concrete slabs from its residential use. There is a stone wall at High Street with 3 access ramps into the park.

The park is not well used, probably because it looks like a private block and is not very noticeable from the street. The park is sometimes used to walk dogs, and occasionally by local children and adolescents for play.

Surrounding development is mainly single storey, detached homes. The blocks are not large, and as houses are renovated and enlarged, backyard space and trees will be reduced. These changes will increase the importance of the park for local recreation and provision of trees.

There is no car parking in the reserve, but parking is presently available on High Street. As this is a local reserve, carparking is not considered necessary.

7.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to High Street Reserve.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • The park floods • Soften the appearance with trees • Install a fountain and statuary • Install seats and table • Make this a dog exercise park? 			

7.4 Discussion Of Issues

A suggestion at the focus meeting was that a fountain and statuary be installed in the park. This would create a different and special park, but would be expensive to install and maintain. The idea is not recommended for immediate action, but should be further considered if local interest strengthens and a suitable theme and method of community involvement is identified.

Some nearby residents would prefer to see a slide and play equipment for young children rather than an open area for football.

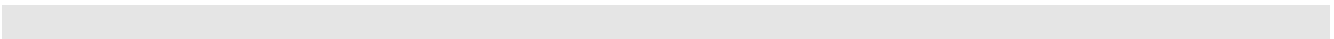
The only public access to the park is from High Street. There are properties between the park and Hollywood Crescent, so a short cut to the park from that Street is not possible. If zoning of those properties is ever changed, Council should obtain public pathway access when the properties are redeveloped.

7.5 Action Plan	Objectives / Assessment
1. Install a WCC park name sign at the reserve.	Park identified as public land.
2. Provide pedestrian entry at the southern and central ramps into the park, eg use bollards instead of gate or fence.	Improved access, invitation to walk in one side, out the other.
3. Remove the Cotoneaster bush which is adjacent High Street.	Open views into the park.
4. Plant 2 very large growing trees, one near the centre front of the park, the other about 20 metres from the rear boundary and at least 8 metres from the side boundaries.	Future significant trees on public land. Summer shade for park visitors.
5. Remove all the unhealthy exotic trees left over from previous gardens.	No need for spraying. Park appears more 'healthy.'
6. Plant native shrubs along sections of the side fences.	Partial screening of fences. Improved views of the park.
7. Retain lawn for the 40 metres from the road to near the second large tree.	Open grass play area available for children.
8. Make a bush garden of the rear 25 metres of the park. This should be considered an adventure play resource that children can damage as part of their play and learning.	Additional local play setting and environmental learning area for children.
9. On the road side of the rear large tree, install a comfortable park seat facing towards the road, and a low bench-table.	Furniture attracts and is well used by park visitors.
10. Install a park seat just inside the southern entry on a new raised area, level with the footpath.	Seat with a view over the park for pedestrians.

**HIGH STREET RESERVE
LANDSCAPE CONCEPT PLAN**

Peter Thyer

May 1996



8. HEMSLEY EAST RESERVES

8.1 Basis for Management

- To retain the reserves and continue their existing roles.
- To grow trees and local bushland plants for shade and environmental benefit.
- To provide local parks for recreation and childrens play.
- To provide an attractive roadside view, non vehicular access, and easement for drainage. (Reserve between Nos 52 & 54 Barcoo Street)

8.2 RESERVE BETWEEN NOS 52 AND 54 BARCOO STREET

8.2.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is 2,710 square metres (0.2710 ha).
 Classification of the land is 'Community'.
 Category of the land is 'Park' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This park connects Boundary Road and Barcoo Street. The land slopes moderately steeply down to Barcoo Street. There is a pedestrian path with night lighting, and there are a few steps up to Boundary Road. This is an attractive park and its present main functions are access, and assisting to create a park-like quality for the suburb. The park is a popular walking and jogging route, and is available for childrens play.

There is no car access or parking, and none is required for this local park. There are no seats or name sign.

There are large native trees growing in the park, but most of the understorey has been cleared and the ground smoothed and grassed. Traffic on Boundary Road is generally moving too fast for motorists to realise this is a park. The trees give a small break between the houses, but the fence restricts view and the land falls away too steeply to be seen.

Surrounding development is detached, mainly single storey homes. House blocks on Boundary Road are generally less than 500 sq. metres. Some blocks on Barcoo Street are larger than 600 sq. metres and many have trees which gives the suburb a bushland, park-like appearance.

8.2.2 Issues Identified In Consultation And Previous Studies

4 letters received in relation to this park

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Make gardens on the sloping ground • Plant shrubs to screen Boundary Road. • Bushland minus undergrowth is suitable • Install seats • Not for active play • Mow more regularly. • Remove lantana and camphor laurel weeds. • Request removal of gum leaves and twigs from beside fence of No 54 Barcoo Street every 12-18 months. • Trim trees to keep path access clear. 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>		

8.2.3 Discussion Of Issues

The major issues are lack of seats and lack of regular maintenance. The bushland theme is appropriate, but weeds are becoming a problem now that neighbours who used to work in the park are no longer able to do so. The park could become entirely a bush garden, but many people may prefer the open grass areas and clear space beside the path.

A ramp to Boundary Road would improve access. This could be installed as a small project including more screening plants on the bank to the Boundary Road footpath.

The white fence creates a visual barrier, reducing appreciation of the view of the trees from Boundary Road. This effect would be reduced if the fence was painted green or brown, or replaced by a single steel rail. The best appearance would be achieved by removing the fence and installing bollards on the road side of the footpath.

8.2.4 Action Plan (Between 52 & 54 Barcoo)	Objectives / Assessment
1. Agree on a name for the park, and install a WCC park name sign at Barcoo Street and Boundary Road.	Park identified as public land and known by local residents.
2. Install a comfortable park seat below the central group of trees, facing down the hill.	The seat attracts visitors and is well used.
3. Consider installing a short ramp from below the steps, to the Boundary Road footpath.	Improved access for wheelchairs, strollers, bikes.
4. Install steel pipe handrail at the steps and ramp.	Steps and ramp are safe.
5. Paint the timber fence at Boundary Road green.	Improved view of the park.
6. Plant native shrubs on the bank to the Boundary Road footpath.	Park is lightly screened without creating a 'green wall'.
7. Enlarge the mulched areas and plant these with native groundcovers and low shrubs.	Open look is kept, bush play areas are created for children.
8. Plant a dozen tree seedlings to replace the existing trees as they age.	Present amount of tree cover is kept in the future.
9. Ensure regular maintenance of the park is carried out, particularly lawn mowing in the summer months.	The park looks attractive and is easy to walk about.
10. Invite local residents to assist with the maintenance of the native garden areas.	Community activity in the park and weeds are controlled.

8.3 THE 'BARCOO ARROW' RESERVE (Entry between 46 & 48 Barcoo)

8.3.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is 7,080 square metres (0.7080 ha) including the entry driveway.

Classification of the land is 'Community'.

Category of the land is 'Park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

The only public access to this park is by a steep driveway between Nos 46 and 48 Barcoo Street. The park then opens into a large, flat, triangular grassed area with a camphor laurel tree in the middle and some bush in the southern corner. This park is known as the 'Barcoo Arrow' due to its shape.

This park is a very good, safe play area, providing space to run, kick a ball and play in the small area of bush. The eastern boundary is fenced above a cliff to the houses in Scott Crescent.

There is a swing-gate on the entry but this appears to frequently be left open allowing vehicles to enter the park. There is a Council sign at the entry but there is no park name sign, and no furniture in the park.

Surrounding development is detached, mainly single storey homes. House blocks on Boundary Road are less than 500 sq. metres. The blocks on Barcoo Street and Scott Crescent are generally larger than 600 sq. metres and many have trees which gives the suburb a bushland, park-like appearance.

8.3.2 Issues Identified In Consultation And Previous Studies

2 letters were received in relation to this park

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Some remnant native forest remains • Flat plateau area • Only useful to adjacent homes • Used by children for kite flying and ball games. • Trim camphor laurel overhanging from No 48 to allow native plants in the park to grow. • Very difficult ,steep access • Resident at No 128 Boundary Road assists with maintenance. • Park is mown regularly and kept tidy. • Cut the edges of the steep access path each mowing visit. Plant more trees or flowers. 	 1 1 1 1 1		

8.3.3 Discussion Of Issues

Steep access makes this park more likely to be used by children than adults. This reinforces the suitability of the park as an adventure playground. Neighbours have a role in the success of this park, by accepting the disturbance that children may cause, and providing some security for the safety of children in the park.

The little patch of bush should be considered as a play resource, and managed with this in mind. Local children should be encouraged to help with weeding and planting, but they should not be told to keep out of the bush area.

8.3.4 Action Plan (Barcoo Arrow)	Objectives / Assessment
1. Agree on a name for the park, and install a WCC park name sign at the Barcoo Street entry.	Park identified as public land and known by local residents.
2. Continue tree planting, but keep a large open play area.	Sun protection, more trees.
3. Carry out low key maintenance of the bush area to stop weed infestation and to replace dying plants.	Bush is retained.
4. Take a liberal approach to adventure play activities in this park. Install a basketball ring.	Local adolescents and children recognise this as their park.
5. Continue present level of maintenance.	Park is not overgrown.
6. Invite local residents to assist with care of the park.	More community involvement.
7. Plant low care ground covers along the entry driveway.	Park entry looks attractive.

9 SCOTT CRESCENT RESERVE

9.1 Basis for Management

To retain the reserve and continue its existing role as a local park for general recreation, childrens play, and lunch time use.

To grow trees and native plants for shade and environmental benefit.

To provide non vehicular access, an attractive roadside view, and to manage stormwater.

9.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is 2,978 square metres (0.2978 ha).

Classification of the land is 'Community'.

Category of the land is 'park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This reserve links from Boundary Road to Eastern Valley Way, and via a footpath to Scott Crescent. It is the local park for the Scott Crescent homes and others nearby which are isolated by busy roads and industrial properties. The park is used as a short cut and as a pleasant alternative to the noisy roadside footpaths. It is also used as a lunch spot for workers from the industrial properties.

The park contains a slide, rocking toy and swings, for young children. There is one seat near the play equipment. There are some established native trees, and young deciduous and exotic trees. The ground has been smoothed and there is good grass cover. The larger, northern arm of the park is fairly level, falling to a small, steep hollow near Eastern Valley Way. There are drainage pipes under the park, and the hollow fills in heavy rain to protect nearby properties from flooding.

There is no car parking in the reserve, but parking is presently available on Boundary Road. As this is a local reserve, carparking is not necessary.

9.3 Issues Identified In Consultation And Previous Studies

3 letters were received in relation to Scott Crescent Reserve.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
• Plant trees and grevilleas to attract birds.	1		
• Install seats and bins.	1		
• Install a few seats close to the factories.	1		
• Playground is used			
• Keep the play equipment.	1		
• Install enclosed spinning saucer.	1		
• Install baby swing with clip.	1		
• Slippery dip safety bars are too far apart, child can fit through, request repair.	1		
• Keep soft fall at base of equipment.	1		
• Lunch area for local factories			
• Walking through , make it more pleasant for this			
• Garden bed maintenance near Boundary Road could be improved.	1		

9.4 Discussion Of Issues

This narrow, north-south park could easily become too shaded for winter use. The recent planting of deciduous trees is wise. Any more trees should be deciduous or have a very open canopy. The existing trees may need to be pruned in the future to let sunshine into the park.

Maintenance of the park needs to be improved. Tree trimmings and rubbish should be removed regularly, and the garden beds at Boundary Road could be better maintained. Local residents may like to assist with park maintenance as a community activity.

The park is not obvious from Eastern Valley Way. If seen, it looks more like part of the industrial properties. A name sign would be of assistance.

This is the nearest park for many workers in the industrial area and could be a more popular lunch venue if there were seats. These seats would be best placed near the path for easy access and to be in winter sunshine.

This park is less likely to get frequent maintenance than some others because it is a long way from the Council depot and is in a difficult traffic area. For this reason it would be better not to install a bin which may not be regularly emptied and cleaned. Lunch time visitors can take their rubbish away.

There are only three items of play equipment, but this is quite good for a local park. It is normal to visit the district parks such as Muston, Beauchamp or Willoughby Park to find a larger selection of equipment.

9.5 Action Plan	Objectives / Assessment
1. Agree on a park name and install a WCC park name sign at Eastern Valley Way and Boundary Road..	Park is identified as public land and link route is obvious.
2. Maintain existing trees to provide summer shade and ensure winter sunlight to the park.	Future significant trees on public land. Park is light and appealing in all seasons.
3. Do not plant trees in the open flat area.	Retain open space for games.
4. Plant native shrubs along sections of the side fences.	Shrubs screen the fences and attract native birds.
5. Carry out regular maintenance of the park, including care of trees and gardens, and rubbish removal.	Grass is kept short, and park looks attractive.
6. Invite local residents to assist with care of the park, eg hold a spring and autumn community day in the park.	Park is given a special clean up, and becomes a community meeting place.
7. Replace one swing with a baby swing, and inspect and repair equipment as necessary. Install basketball ring.	Play equipment is suitable and safe for children.
8. Install 2 park seats and a bench-table at the factories end of the park.	Seats attract lunch time users. Rest seats for pedestrians.

10 Scotts Creek Reserve

10.1 Basis For Management

- To retain the reserve and provide an attractive creekside park for general recreation, lunch time use and childrens adventure play.
- To grow trees for environmental and visual benefit, creating a green corridor through the industrial area.
- To make the reserve part of the East Chatswood (CBD to Castle Cove) walking route.
- To protect the existing natural features of the creek, and to make the disturbed and built sections appear more natural.
- To manage the flow of natural and clean water entering the reserve and creek.

10.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve may be about 7,000 square metres (0.7000 ha).
 Classification of the land is 'Community', and Category of the land is 'Natural Area, Watercourse' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This reserve is the creek channel, banks and some surrounding land to Scotts Creek, from High Street to Eastern Valley Way. The reserve is about 500 metres long and averages 15 metres wide. The actual boundaries are very difficult to identify on the ground, and no part of the reserve has been maintained or access provided for public use.

The creek channel consists of natural rock formations and concrete and rubble banks. There are some native trees but most of the vegetation is weed. Even in this condition the reserve has some attractive sections.

Surrounding properties are industrial and commercial. Most of these are developed close to the creek with concrete vehicle accessways or 2-4 storey high buildings. All of this development seems to treat the reserve and creek as nothing more than a drain

The creek is badly polluted with rubbish, sediment, and possible chemicals and wastes in solution and suspension. The water is often milky, murky or brightly coloured. The creek area has a noticeable stench.

This reserve could and should be upgraded to become a pleasant green corridor, a well used walking route for workers, and part of the Chatswood CBD to Castle Cove recreational walk. Attractive lunch areas could be created near the factories. When the water is clean the reserve will be a wonderful play and discovery area for children.

10.3 Issues Identified In Consultation And Previous Studies

1 letter was received in relation to Scotts Creek Reserve.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Clean out the creek to make a “thing of beauty”. • The reserve is part of walkway from Ashley to Gibbes Street • The reserve could be a very interesting walk 	1		

10.4 Discussion Of Issues

Cleaning up the creek is going to be a long term project. Scotts Creek carries water from the Pacific Highway, the Chatswood CBD, and all the industrial, commercial and domestic development in the catchment area before it enters the industrial area near Eastern Valley Way.

Fortunately, much of the water treatment and rubbish collection could take place in the concrete channels upstream of Muston Park. This means that within a few years, water flowing in the creek from Muston Park should be clean.

Water from the industrial areas surrounding this reserve should be treated on the properties or in the stormwater easements leading to the reserve. Water entering the reserve and creek should be clean. There should not be any gross pollutant traps or other water treatment devices built in the reserve or in the creek.

Council should work with the whole community to identify the source of, and to reduce pollution in the creek. Sydney Water, as owner of the open creek channel upstream of Penshurst Street, should meet its responsibility of discharging only clean water at Muston Park.

The park boundaries need to be accurately surveyed and marked on the ground. When this has been done it will be possible to make further planning decisions for the park. There may need to be negotiations and reconstruction if encroachments are found. The purpose of identifying the park area should be to best allow the planning and creation of a ‘natural’ creek reserve with attractive lunch spots and continuous walkway.

The walkway could have a low water route and separate flood safe route in some sections. Access is possible along the length of the reserve at present, but this is not easy and requires walking for some distance in the creek. A boardwalk may provide cost effective and attractive access.

There is no way out of the creek at Eastern Valley Way except to go through the 3 metre high pipes under the road to Willis Park and climb up to Castle Cove Drive. This would be dangerous in wet weather because the pipes empty onto a narrow ledge above a high waterfall. Steps could be built on the western side of Eastern Valley Way. The existing roughly built headwall keeps one pipe dry at low creek levels. This is adequate, but a safety barrier and steps are required to get up to Castle Cove Drive.

The reserve is badly infested with weeds. Weed removal and planting with preferred species needs to be planned and carried out carefully to avoid erosion. This would be a great community project because the changes will be dramatic. Volunteers may not be willing to join in this project until water pollution is reduced.

10.5 Action Plan : Scotts Creek Reserve	Objectives / Assessment
1. Invite volunteers to be involved in the clean up of the reserve.	Community involvement and reclaiming of this creek.
2. Remove gross rubbish from the creek and banks.	Visible start of improvements.
3. Identify and mark boundaries on the ground.	Park area and any encroachments are known.
4. Install WCC park name signs at Eastern Valley Way, Gibbes Street, High Street and Barcoo Street	The reserve is identified as a public park.
5. Develop a plan for the reserve including walking route, natural areas and picnic areas In the section between High Street and Gibbes Street.	Needs for the area are met.
6. Investigate and control sources of pollution.	Pollution controlled before it enters the reserve.
7. Develop and begin a programme of weed removal, erosion control and new planting.	The reserve becomes a natural vegetation area.
8. Carry out landscaping of a picnic area for workers from the industrial area.	Pleasant lunch spot is well used.
9. Continue maintenance of the reserve.	This reserve becomes a benchmark project for reclamation of degraded urban creeks.

11. BARAMBAH STREET RESERVES

11.1 Basis for Management

- To retain these 2 reserves and continue their existing roles.
- To grow trees and local bushland plants for shade, visual and environmental benefit.
- To provide local parks for recreation and childrens play.
- To provide attractive, open, roadside reserves which give the suburb a park-like appearance.

11.2 RESERVE ON THE CORNER OF BARAMBAH AND ASHLEY STREETS

11.2.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is approximately 1,500 square metres (0.15 ha) including the access road to Nos 2-14 Barambah Street.
 Classification of the land is 'Community'.
 Category of the land is 'Park' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This open, corner reserve sets a spacious atmosphere for the local area. The landscape style of grass with backdrop of native plants and rock ledges is considered attractive by most Australians. In other parks not so close to the road, this type of setting provides a range of childrens play opportunities.

In this park the bush screens the access road and houses, and the grass creates a sense of expanse. The park is not used for sitting or ball games because of the proximity to roads.

Surrounding development is detached, mainly single storey homes. House blocks are large and many have trees which reinforce the bushland, park-like appearance of the suburb.

11.2.2 Issues Identified In Consultation And Previous Studies

3 letters were received in relation to this park

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Imperative these parks always remain. (General comment on all East Ward parks) 	1		
<ul style="list-style-type: none"> • Make the park ornate with colourful flowers and plants. (General comment on Barambah and Barcoo parks) 	1		
<ul style="list-style-type: none"> • Mow the grass more frequently, esp. in Summer. 	2		

11.2.3 Discussion Of Issues

There are no electricity wires over the park, so tall trees could be planted between the rock ledge and the road. These may benefit from additional soil because the existing soil is probably shallow. Flowering native shrubs could be included to attract birds.

The added screening of the road by trees may make the rock ledge and bush area more attractive to children. The reduction in mowing would save cost, especially if local residents looked after the trees on a voluntary basis.

A grass strip should be kept at least 3 metres wide along the road edge, and 5 metres at the corner. This will retain the open appearance and provide a clear area for pedestrians.

There is some confusion with the identification of parks in this area. Each park should have its own name. When the naming is sorted out, a park name sign should be installed.

This land was road reserve, but became Community Land zoned Open Space on the basis of being unused as a road.

11.2.4 Action Plan (Barambah cnr Ashley)	Objectives / Assessment
1. Invite local residents to be involved in looking after the bush, and planting new trees.	Community involvement in care of this 'show park'.
2. Remove weeds in the existing bush area.	Weed free bush for better appearance and use for play.
3. Plant a grove of native trees in the grass area. Keep the trees 10 metres clear of the corner.	Attractive feature and future significant trees on public land
4. Agree on a name for the park, and install a WCC park name sign in front of the new trees, facing the corner.	Park identified as public land and known by local residents.
5. Mow the park as often as needed.	Park looks well cared for and is easy to walk over.

11.3 RESERVE BETWEEN NOS 18 AND 34 BARAMBAH STREET

11.3.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is approximately 2,000 square metres (0.2 ha).

Classification of the land is 'Community'.

Category of the land is 'Park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This park is mid way along Barambah Street and is the one people seem to think of as the local park. It contains a level grassed area large enough for ball games, an attractive rockface approximately 3 metres high, and mature and young trees. A low curved brick wall separates the main park and rockface from the area used as a vehicle access lane to house Nos 20-32.

This is an attractive, natural looking park. It is open to view from the street and creates a park-like quality for the suburb.

The rockface is interesting and challenging for young children, and there are a range of different, small, separate areas to play. The park is also suitable for adolescents to kick a ball and play energetic team games.

There are no seats or name sign at the park.

Surrounding development is detached, mainly single storey homes. House blocks vary from about 550 sq. metres to 750 sq. metres and many have trees which give the suburb a bushland, park-like appearance.

11.3.2 Issues Identified In Consultation And Previous Studies

6 letters were received in relation to this park

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
• Imperative these parks always remain.	1		
• Make the park ornate with colourful flowers and plants.	1		
• Provides feeling of roominess in suburban streetscape.	1		
• Make the rock face a feature			
• Ground needs about 450mm fall from rock face to kerb to reduce mud after rain.	1		
• Install seats (under shady trees or near colourful flower beds.	1		
• Provide playground equipment here if not behind 21 and 31 Barcoo Street.	1		
• Install swings, slide etc near No 34 Barambah Street.	1		
• No additional equipment.	1		
• Local children play here.	1		
• Mow the grass more frequently, esp. in Summer.	3		

11.3.3 Discussion Of Issues

The major issue is lack of frequent lawn mowing in summer. The grass areas should be useable for play throughout summer, particularly in the school holidays. The grass obviously grows quickly in wet weather and this park may need more than the scheduled number of mowings.

One letter advised that the lawn area becomes muddy after rain, and that the crossfall should be increased to help runoff. The area is appealing for play because it is level, so other solutions should be investigated such as drainage or growing trees to soak up the water. It may not need any treatment if the area is muddy for less than a month each year.

The bushland planting theme seems appropriate as it is hardy, suits the natural look of the rockface, and requires less maintenance than gardens. It is a short walk to the district scale Muston Park for those who want to see a more colourful garden display.

Weed removal should continue, making the rockface more of a feature. Care should be taken not to close the park in with trees. However, there are no electrical wires above the road edge and large trees could be planted close to the road.

A few items of play equipment for children could be installed. These should be specific to this park and not be a dominant feature.

A seat, or seat and bench-table in the park would invite more use by adults. These should be installed in the summer shade of a tree, not obstructing the open play area.

There is obviously some confusion with the identification of the local parks. Each park should have its own name. When the naming is sorted out, a park name sign should be installed.

Traffic on Barambah Street is a potential danger. Although traffic volumes are low, and mainly local drivers, it would be better if Barambah Street was a 40 kph zone. There should be no parking along the Barambah Street edge of the park. This will improve safety, and keep the view into the park for all to appreciate.

This land was road reserve, but became Community Land zoned Open Space on the basis of being unused as a road. The sealed access road to houses Nos 20-32 is a public road.

11.3.4 Action Plan (Between 18 & 34 Barambah)	Objectives / Assessment
1. Agree on a name for the park, and install a WCC park name sign.	Park identified as public land and known by local residents.
2. Mow the park as often as needed.	Play area is always useable.
3. Investigate muddy conditions in the grass play area and resolve drainage problem.	Play area remains level and useable at least 11 mths p.a.
4. Remove weeds on the rockface.	Rockface is attractive feature with native plant theme.
5. Plant 2 street trees along Barambah Street kerb.	Significant future trees. Play area not obstructed.
6. Install a few items of appropriate play equipment. Install a basketball ring.	Special play experience using the features of this park.
7. Install comfortable park seating under a tree at the Ashley Street end of the park, not obstructing the open play area.	The seat attracts visitors and is well used.
8. Consider making Barambah Street a 40 kph zone.	Traffic safety for park users.

12. BARCOO STREET RESERVES

12.1 Basis for Management

- To retain the 3 Barcoo Street reserves and generally continue their existing roles.
- To grow trees and local bushland plants for shade, visual and environmental benefit.
- To provide local parks for recreation, childrens play, and lunch time use.
- To provide attractive, open, roadside reserves which give the suburb a park-like appearance.

12.2 RESERVE ON THE CORNER OF BARCOO AND BARAMBAH STREETS

12.2.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is approximately 800 square metres (0.08 ha) including the pathway between the residential property boundaries and Barambah Street.
 Classification of the land is 'Community'.
 Category of the land is 'Park' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This large, open, corner reserve is highly visible and gives a spacious atmosphere to the local area. The grassed surface falls gently away from the road, improving its safety and suitability for childrens play.

Surrounding development is detached, mainly single storey homes. House blocks are large and many have trees which reinforce the bushland, park-like appearance of the suburb.

12.2.2 Issues Identified In Consultation And Previous Studies

5 letters were received in relation to the parks between Nos 21-31, and at the corner of Barambah Street. Most letters did not specify which park they referred to. Neither the focus group nor previous studies made any comments on these parks.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
• Imperative these parks always remain.	1		
• Make no changes.	1		
• Make the park ornate with colourful flowers and plants.	1		
• Install seats (under shady trees or near colourful flower beds.	1		
• Replace playground equipment removed from behind Nos 21 and 31, either there or in another Barcoo or Barambah park.	1		
• Playground equipment not wanted.	1		
• Mow the grass more frequently, esp. in Summer.	3		
• Council should control clover.	1		

12.2.3 Discussion Of Issues

More trees could be planted to create a protected park appearance. New trees should be located carefully to avoid crowding the park, and recreation space lost. A dozen trees could be planted on the protruding corner, and scattered around the edges of the park.

This would form a central open space which may be more comfortable for recreation. Flowering native shrubs could be included along the fences to improve the view of the park and to attract birds.

Two seats could be installed, one among the new trees near the road for use by pedestrians, the other beside the shrubs, away from the road.

This park would be suitable for a young childrens playground, but it is recommended that equipment be installed at the larger Barambah Street reserve instead. That park offers a wider range of discovery and adventure play to supplement the equipment.

The greatest cause of complaint about this park was the infrequency of mowing. Council should arrange an inspection and scheduling system to ensure the grass is kept short so the park is useable.

Traffic on surrounding streets is a potential danger. Although traffic volumes are low, and mainly local drivers, it would be better if Barcoo and Barambah Streets were a 40 kph zone.

There should be some No Parking zones around the edge of the park to improve safety and keep the view into the park for all to appreciate. The location of these should be decided on site

There is some confusion with the identification of parks in this area. Each park should have its own name. When the naming is sorted out, a park name sign should be installed.

12.2.4 Action Plan (Barcoo cnr Barambah)	Objectives / Assessment
1. Plant a grove of native trees on the protruding corner of the park, and trees around the edges of the park. Keep the central area open.	Future significant trees on public land. Shade for park visitors.
2. Plant native shrubs along sections of the side fences.	Shrubs screen the fences and attract native birds.
3. Install 2 seats, one in the grove of trees at the corner, one beside the shrub border.	A resting seat for pedestrians, and one further from the road.
4. Mow the park as often as needed.	Park looks well cared for and is easy to walk over.
5. Agree on a name for the park, and install a WCC park name sign near the corner, facing Penshurst Street.	Park identified and known by name.
6. Consider making Barcoo and Barambah Streets a 40 kph zone.	Traffic safety for park users.

12.3 RESERVE BETWEEN NOS 21 AND 31 BARCOO STREET

12.3.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is approximately 1,200 square metres (0.12 ha) including the pathway, but excluding the roadway in front of Nos 21-29.

Classification of the land is 'Community'.

Category of the land is 'Park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This is an 'island' park between Barcoo Street and the access road for houses Nos 21-29. It is a pleasant, open, flat, grassed area with about 15 mature native trees. This little woodland area helps to create a park-like quality for the suburb.

There is one seat in the park and this is used at lunch times by people from the factories across the road. There is no name sign at the park.

One letter to Council advised that there used to be playground equipment in this park.

Surrounding development is mainly detached, single storey homes on blocks of 450 to 600 square metres. South of the park on the opposite side of the road is industrial property. It is quite attractive 2 to 3 storey development with landscaping. These are 'clean' industries and warehouses.

12.3.2 Issues Identified In Consultation And Previous Studies

As for 12.2.2.

12.3.3 Discussion Of Issues

This park could attract more lunch time use simply by installing a few more seats and a table or two. The park should be more available and appealing to workers in the nearby industrial properties.

This park could have childrens play equipment, but it would be close to a road in all directions. It is recommended that equipment be installed at the larger Barambah Street reserve instead.

There is obviously some confusion with the identification of the local parks. Each park should have its own name. When the naming is sorted out, a park name sign should be installed.

Although traffic volumes are low, the park would be more pleasant if Barcoo Street was a 40 kph zone. The existing parking arrangements seem appropriate considering the local parking needs and the available view into the park.

This land was road reserve, but became Community Land zoned Open Space on the basis of being unused as a road.

12.3.4 Action Plan (Between 21 & 31 Barcoo)	Objectives / Assessment
1. Agree on a name for the park, and install a WCC park name sign.	Park identified and known by name.
2. Mow the park as often as needed.	Park looks well cared for and is easy to walk over.
3. Install a picnic table and bench set, and a seat and bench-table combination.	The picnic furniture is well used at lunch times.
4. Consider making Barcoo Street a 40 kph zone.	The park is more pleasant and access is safer.

12.4 RESERVE ON THE CORNER OF BARCOO AND PENSURST STREET

12.4.1 Description / Value Statement

This reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is approximately 50 square metres (0.005 ha).

Classification of the land is 'Community'.

Category of the land is 'Park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This is a tiny reserve, but it is well placed to present a garden entry to Willoughby.

It presently contains a young Jacaranda tree and groundcovers in a stone edged garden. The pine tree on the adjacent property has more visual impact than the garden.

There is no name sign at the park.

12.4.2 Issues Identified In Consultation And Previous Studies

There were no letters or discussion at the focus meeting in relation to this park. The park was not mentioned in previous studies.

12.4.3 Action Plan (Barcoo cnr Penshurst)	Objectives / Assessment
1. Design and install a more attractive landscaped garden at this entry to the City of Willoughby.	Attractive garden/corner landscaping is a feature.

14 SCOTT CRESCENT (rear)

14.1 Basis for Management

If permanent, legal, public access cannot be obtained, sell or lease the reserve to adjacent landowners on the basis that it is maintained as a landscaped buffer zone between the residential and industrial development.

14.2 Description / Value Statement

Ownership of this reserve is vested in Willoughby City Council.

Area of the reserve is 1,374 square metres (0.1374 ha).

Classification of the land is 'Community'.

Category of the land is 'General Community Use' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This reserve was created as part of the local land subdivision. It was probably intended as a separation between factories and houses, or possibly as a walkway or road link, being only 9 metres wide. The land is gently sloping with shallow soil and low sandstone ledges. It is used as an extended yard and a dump by the adjacent homes. There are no trees. Present maintenance is a regular slashing of the weeds by Council, and probably some maintenance by neighbours.

The reserve is enclosed by private properties. It is not visible from any surrounding roads. There are chainwire fences with a locked gate to the industrial land. There are no seats or park name sign and the reserve has not been made available as a lunch space.

In its present state the reserve appears to be of no public benefit.

14.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to this reserve, and previous studies did not make comment.

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> Landlocked by private property. Council has arranged access for maintenance from factories off Gibbes Street behind the Shell service station. 			

14.4 Discussion Of Issues

The greatest problem with this reserve is access. Although Council has a casual arrangement for public use with the industrial estate which allows staff to maintain the land, it is an undesirable situation to not have access.

Discussion Of Issues (cont.)

The reserve may have some use as a lunch space if it is opened at the eastern end onto the carpark of the industrial land. The chainwire and paling fences could be screened with shrubs, and the addition of trees, seats and a park name sign would help. Even with this upgrading it is likely that only the eastern end would be used, and use would only be available to those who have a right to be on adjoining land.

The reserve is not large enough to have much benefit as a wildlife refuge, and this use would require substantial fencing to keep cats out.

If legal public access cannot be obtained, Council should consult with the neighbouring property owners and consider either:

1. Lease the reserve to adjacent landowners with the condition that it be landscaped and maintained to provide an attractive screen between the houses and factories.
2. Sell all of the reserve to adjacent landowner(s).

14.5 Action Plan (Scott Crescent rear)	Objectives / Assessment
<p>If legal public access cannot be obtained, do either :</p> <ol style="list-style-type: none"> 1. Lease the reserve to an adjacent landowner with the condition that it be landscaped and maintained to provide an attractive screen between the houses and factories. <p>OR</p> <ol style="list-style-type: none"> 2. Change the classification of the land from 'Community' to 'Operational' and sell all of the reserve to adjacent landowner(s) 	<p>The land is attractive and maintained, and available for future opportunities to make a public pathway.</p> <p>OR</p> <p>Council disposes of the land.</p>

15 KING EDWARD STREET CLOSURE

15.1 Basis for Management

- To retain the street closure as a garden with non-vehicular access.
- To provide a visual barrier in order to avoid traffic confusion at the Boundary Road / Archibald Road intersection.
- To screen King Edward Street from traffic on Boundary Road and Archibald Road.
- To grow trees and shrubs for street beautification.

15.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is 400 square metres (0.04 ha).
 Classification of the land is 'Community'.
 Category of the land is 'park' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This heavily planted street closure successfully screens the residential King Edward Street from main road traffic. The native shrubs and trees beautify King Edward Street and Boundary Road.

The closure contains footpaths which link to Boundary Road, and a small, on ground electricity supply substation.

There are no seats, and no reserve name sign.

15.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to this reserve, and previous studies did not make comment.

15.4 Discussion Of Issues

This street closure successfully meets the needs of traffic control, screening and beautification. It should be maintained to keep the garden attractive and the footpaths clear. Trimming beside and above the footpaths should be minimal to retain the screening effect of the plants.

The opportunity should be taken to plant a large growing tree in the centre of the closure.

No street furniture or park name sign is considered necessary.

15.5 Action Plan

Objectives / Assessment

- | | |
|--|---|
| 1. Plant a large growing, long living tree in the centre of the street closure garden. | Future significant tree on public land. |
| 2. Maintain existing garden and keep footpaths clear. | Pedestrian access, screening, and beautification is retained. |

16 HAIG STREET CLOSURE

16.1 Basis for Management

To retain and extend the landscaped park for the purposes of street beautification, growing trees, environmental benefit, recreation and non-vehicular access.

16.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is 400 square metres (0.04 ha).

Classification of the land is 'Community'.

Category of the land is 'park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This street closure has successfully reduced traffic in Haig street. There are more than a dozen trees and shrubs which beautify the park and screen the residential Haig Street from Penshurst Street.

The closure contains footpaths which link to Penshurst Street, and street lighting over the cul de sac. There are no seats, and no park name sign.

16.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to this reserve, and previous studies did not make comment.

16.4 Discussion Of Issues

This street closure successfully meets the needs of traffic control, screening and beautification. There is opportunity to extend this closure along Haig Street to the first driveway, doubling the size of the park. This would allow the planting of more trees, and if a seat was installed, make the park more likely to be used for sitting, walking dogs, etc.

If the park is extended, a low earth mound could be built around the area of the turning circle to form a stormwater detention basin. The street gutter water could flow into this, with the chance to soak into the ground before entering a drainage pit.

16.5 Action Plan

Objectives / Assessment

- | | |
|---|--|
| 1. Discuss with local residents the possibility of enlarging the park to approximately 800 square metres. If there is strong support, develop plans and carry out the work. | The street closure becomes a small park. Significant trees growing on public land. |
| 2. Design the extended area to be a storm water detention and infiltration basin. | Reduction in runoff. Increased infiltration. |
| 3. Install a park seat and park name sign. | The park is known and used. |

17 HARWOOD AVENUE CLOSURE

17.1 Basis for Management

To retain and further landscape the street closure for the purposes of street beautification, growing trees, environmental benefit, traffic control and non-vehicular access.

17.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.

Area of the reserve is 300 square metres (0.03 ha).

Classification of the land is 'Community'.

Category of the land is 'park' under the terminology of The Local Government Act (1993).

Zoning is Open Space 6(a) Existing recreation.

This street closure adequately controls traffic, but does not screen the residential area from busy Penshurst Street.

The closure contains one large tree which is growing well in the middle of the old road, the 2 original nature strip trees, and flat grassed area. There are footpaths which link to Penshurst Street, and road barrier signs. There are no seats, and no reserve name sign.

17.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to this reserve, and previous studies did not make comment.

17.4 Discussion Of Issues

It would not be worthwhile extending the closure along Harwood Avenue because of the need to keep driveway access.

Shrubs could be planted to screen the traffic on Penshurst Street. A few extra trees would form a pleasant grove and deter parking on the grass.

A park name sign would help motorists identify the location.

17.5 Action Plan

Objectives / Assessment

- | | |
|---|--|
| 1. Plant a few more trees in the grassed area. | Significant trees growing on public land. Traffic control. |
| 2. Plant screening shrubs around the turning circle behind the road barriers. | Shrubs screen the view of traffic on Penshurst Street. |
| 3. Install a WCC park name sign facing Penshurst Street. | Location is identified. |

18 DOUGLAS AND ASHLEY UNMADE ROADS

18.1 Basis For Management

- To retain the reserve and provide an attractive creekside park.
- To grow trees for environmental and visual benefit, continuing the green corridor from Scotts Creek Reserve towards Muston Park.
- To make the reserve part of the CBD to Castle Cove walking track.
- To protect the existing natural features of the creek, and to make the disturbed and built sections appear more natural.
- To manage the flow of natural and clean water entering the reserve and creek.

18.2 Description / Value Statement

The reserve is owned in fee simple by Willoughby City Council.
 Area of the reserve is about 2,000 square metres (0.2 ha).
 Classification of the land is 'Community', and Category of the land is 'General Community Use' and 'Natural Area, Watercourse' under the terminology of The Local Government Act (1993).
 Zoning is Open Space 6(a) Existing recreation.

This reserve is the unmade road sections of Douglas Avenue and Ashley Street, and includes a small existing reserve along Scotts Creek to High Street. The boundaries are very difficult to identify.

Scotts Creek flows through the reserve. The creek channel consists in part of natural formations and part concrete mattress banks. The creek water is badly polluted and there is rubbish along the banks.

There are some native trees but much of the vegetation is weed. The reserve contains steps and footbridge to High Street, and steps in Douglas Street. These footways are the major present use of the reserve.

Surrounding properties are mainly industrial, with detached residential homes in Barcoo Street, and high density retirement homes in Douglas Street.

18.3 Issues Identified In Consultation And Previous Studies

No letters were received in relation to this reserve, and previous studies did not make comment. The issues raised in relation to Scotts Creek Reserve are relevant, and are repeated:

Issues Raised	No of Letters	Rec/OS Plans	Focus Group
<ul style="list-style-type: none"> • Clean out the creek to make a "thing of beauty". • The reserve is part of walkway from Ashley to Gibbes Street • The reserve could be a very interesting walk 	1		

18.4 Discussion Of Issues

The park boundaries need to be accurately surveyed and marked on the ground. When this has been done it will be possible to make further planning decisions for the park. Planning should concentrate on re-creation of a 'natural' creek reserve, and location of the walking trail.

Weed removal and planting with preferred species could be a community project. Council should work with the whole community to identify the source of, and to reduce pollution in the creek.

18.5 Action Plan : Douglas & Ashley unmade roads	Objectives / Assessment
1. Identify and mark boundaries on the ground.	Park area and any encroachments are known.
2. Develop a plan for the reserve including repair of natural areas, location of walking route, resolution of encroachments.	Local residents and landowners are part of, and pleased with plans.
3. Invite volunteers to be involved in the clean up of the reserve.	Community involvement in reclaiming this creek.
4. Remove gross rubbish from the creek and banks.	Visible start of improvements.
5. Install WCC park name signs at Ashley Street and Douglas Avenue.	The reserve is identified as a public park.
6. Investigate and control sources of pollution.	Pollution controlled before it enters the reserve.
7. Carry out weed removal, erosion control and new planting.	The reserve becomes a natural vegetation area.
8. Build or signpost the CBD to Castle Cove walking trail through the reserve.	The trail becomes a popular recreational walking route.

APPENDIX - Contributors

- Letters inviting comment on issues of concern were distributed to residents surrounding the parks.
- A notice was placed in the North Shore Times inviting comment from interested parties.

East Ward committee members, and representatives of sports groups which use parks in the ward were invited to attend a focus group meeting. The focus group meeting was held on 29 November 1995. Those in attendance were:-

Jeanette Holst
 Brendan Horgan
 Victor Dellit
 Libby Bubb
 Linda Skinner
 Heather Papallo
 A Mustaca
 Lindsay Henry
 Phil Ryan
 Judith Ryan
 William Maidment
 Christa Benst-Wilson
 Rob Wilson

- 50 responses were received by Council. These were:-

Glenda Hewitt
 Susan Tingle
 Iain Maine
 Garry and Maedinah Hyman
 George G Petrenas
 R T Wright
 Ms Scenna
 Wendy Paterson
 Lisa Victor
 Phillipa Guest
 Mrs McDonald
 Mrs Jean Pinch
 Mr & Mrs A White
 Mrs Johnson
 Jo Lannan
 Ann Donovan
 Janice C Heath
 Phil Ryan
 Mr & Mrs F & R Wan
 C F Kroyer
 Maria Zannetides
 Stephen & Heather Reid
 June Clark
 Roger Donnelley
 Mrs Judith McAleer
 Edith Agnew
 E Britt
 S D Gardner.
 M Breeze
 Mrs J Roche

Mrs Rogers
Margaret Hanks
J H Jose
Bronwyn Neville
Sue Delmege
Lawrence A Wright
Mrs Scott
Mark Warr
Mr P J Strain
Lee Bevitt
Therese Nichols
B E Harper
Mr Stalley
S E Thompson
Luciana Balzanelli
Mrs Lambert
Mrs Nicola Fahey
Robert E Wilson
Paul Storm
Bessie Rosen

- The issues raised at the meeting, in letters and phone calls are included in the issues section for each park.

Thanks are due to all those people who have contributed to this project or have given comments regarding these areas in the past.

REFERENCES

Open Space Plan (Manidis Roberts Consultants, 1995)

Summary of 1993 Recreation Plan (Willoughby City Council, 1995)

Federation Park & Tingha Street Park Proposal for Willoughby Council 1995.

Walking Trails Development Plan (J. Butterworth, 1984)

City of Willoughby Bicycle Route Revisions (Recommended by North Shore Bicycle Group)

Quotation in introduction, Susan Tingle, Letter to Council.
