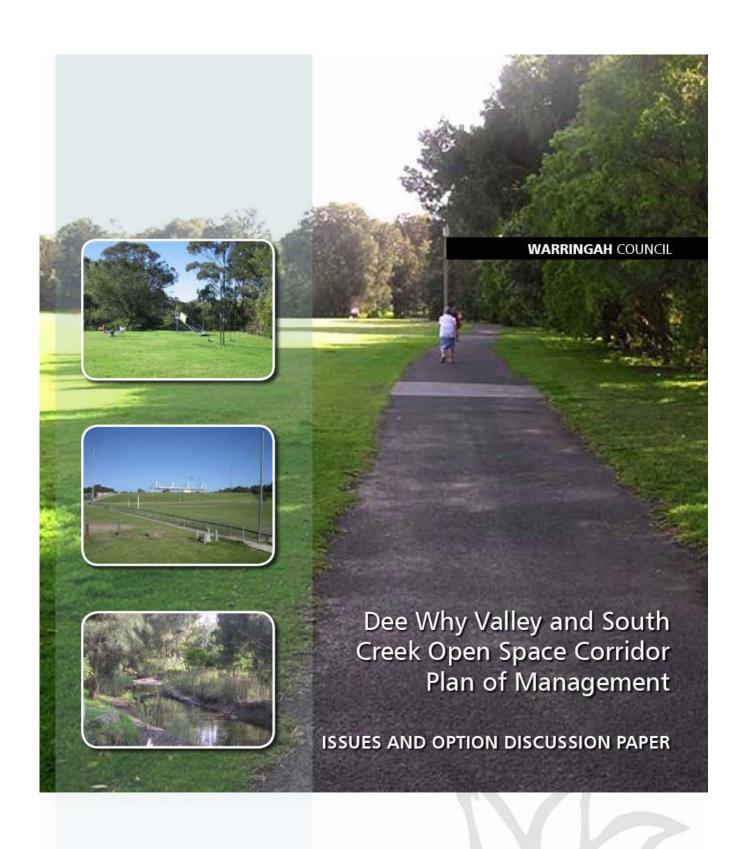
Appendix F: Issues and Options Discussion Paper (June 2007)





May 2007

ISSUES AND OPTIONS DISCUSSION PAPER

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Executive Summary

This Issues and Options Discussion Paper has been prepared to aid the development of the Plan of Management for the Dee Why Valley and South Creek Open Space Corridor. Plans of Management assist Council in the management of open space.

The plan will cover the 13 reserves which stretch along South Creek from Beacon Hill to Narrabeen Lagoon and through Dee Why Creek in Cromer to Dee Why Park as illustrated by figure 1.2.1. This land forms an important geographical, recreational and ecological link within Warringah.

The purpose of this Issues and Options Discussion Paper is to present those issues and values collected through the community consultation process. A comments page, included at the back of this document, provides you with the opportunity to comment on the proposed actions.

The community values strongly the availability of the open natural areas that form these two corridors. The reserves are generally well used and popular for a variety of activities with regular of exercise being the most common use. The tracks and pathways are the most popular aspect of the reserves.

There were many issues raised during consultation regarding the land and its condition, management, use, accessibility and future development. The current overgrown and weed-infested condition of the creeks and surrounding environment was the most prominent concern. The sportsground issues related mainly to inadequate playing space, outdated facilities, vandalism and ground condition and configuration.

Following a brief discussion of the issues a list of possible actions have been included. These aim to not only address the issue but to ensure that the values of the reserves are protected, and where possible enhanced. In particular, they focus upon improving the condition of the natural environment and to enhance the overall amenity, appearance and provision of recreational opportunities for the community.

This is a detailed document. Please use the table of contents to guide your way through areas of interest. All input is valuable to this process and we encourage you to make as many comments as you wish.

1. Introduction

1.1 Why is Council preparing the Plan of Management?

The previous Dee Why Valley and South Creek Open Space Corridor Plan of Management was completed in 1996 and although it provided a strategic framework for the management of Dee Why Valley and South Creek Open Space Corridor, it no longer meets legislative requirements of the Local Government Act (1993) as per the 1999 amendments. Many of the actions have already been achieved or are perceived as no longer relevant.

1.2 Land Description and Reserve Details

The corridors sit within a predominantly residential area with some industrial commercial use. The open space network is characterised by a diversity of landscape types from remnant bushland and wetlands to parkland and structured sporting fields. Community facilities within this area include schools, community centres and recreation clubs.

Of the thirteen reserves in the Plan four are owned by the Department of Lands and are under Warringah Council's care, control and management. The other nine reserves are owned by Council and are classified as community land. Table 1.2.1 lists information about each of the reserves and

figure 1.2.2 outlines Council managed land, the potential land acquisitions as discussed later in this document and the various community and residential facilities in the area.

1.3 What is a Plan of Management?

It is a requirement of the Local Government Act (1993) that all community land is to be managed under a Plan of Management. The plan provides the "who, why and how" an area should be managed and establishes the value, role and vision for a reserve or group of reserves.

As trustee of four Crown Reserves in this area Warringah Council has the responsibility to manage these reserves under the Crown Lands Act, 1989. It is not a statutory requirement for these reserves to Adopted June 24, 2008

be managed by a Plan of Management however Council has chosen to include these reserves to ensure that all open space within these corridors are strategically planned and managed.

Reserve Name	Reserve Number	Owner	Current Community Land Category/s	Land features
McIntosh	171	Warringa h Council	Natural Area (bush) General Community Use (GCU)	Natural bush, grassed area, water catchment facilities, limited access, South Creek, informal tracks
Towradgi	170	Warringa h Council	Natural Area (bush)	Grassed area, natural bush, South Creek, informal tracks, playground (1 piece), grassed area.
Birinta	169	Warringa h Council	Natural Area (bush)	Natural area, small creek.
Lidwina	168	Warringa h Council	Park Natural Area (bush) GCU	Grassed areas, water catchment facilities, bush area, informal tracks, pedestrian bridge.
Tyagarah	496	Warringa h Council	Park GCU	Playground, grassed areas, informal tracks, Sydney Water sewerage pipe, picnic benches, drainage pits, pedestrian bridge, large concrete slab, South Creek.
Wabash	504	Warringa h Council Departm ent of Planning	Park Natural Area (bush)	Natural bush, wetlands, informal track, grassed areas, catchment, South Creek.
St Matthews Farm	148	Crown Lands	Sportsground	3 full size sports fields, 3 mini fields, ½ basketball court; ½ netball court, 2 amenities building, grassed areas, car parks
South Creek Foreshore	506	Crown Lands	Not applicable	Permissive occupancy with Cromer Golf Club. Natural areas, grassed area, golf course landscaping, weir and pumping station, South Creek.
South Creek Reserve	481	Warringa h Council	Natural Area (bush and foreshore)	Natural areas, informal tracks, South Creek
Dumic Place	158	Warringa h Council	GCU	Dee Why Creek, natural areas, grassed areas, bridges and fences.
Cromer Park	147	Crown Lands	Sports ground	4 full sized sports fields, ½ size synthetic grass practice area, 2 amenity buildings, grandstand, spectator mounds, Dee Why Creek, car park, informal tracks
Multi Use Access Path	505	RTA, Urban Affairs Crown Warringa h Council	Park Natural Area (bush)	Shared pathway, catchment facilities, natural areas, seating, grassed areas, Dee Why Creek (½ concrete pipe).
Dee Why Park	457	Warringa h Council	Park Sports Ground GCU	1 full size, 1 ¾ and 2 mini sized sportsground, gross pollutant traps, Dee Why Creek (1/2 concrete pipe), natural area, grassed areas, playground, shared pathway, bridge.

Table 2.1.1 Reserve Information

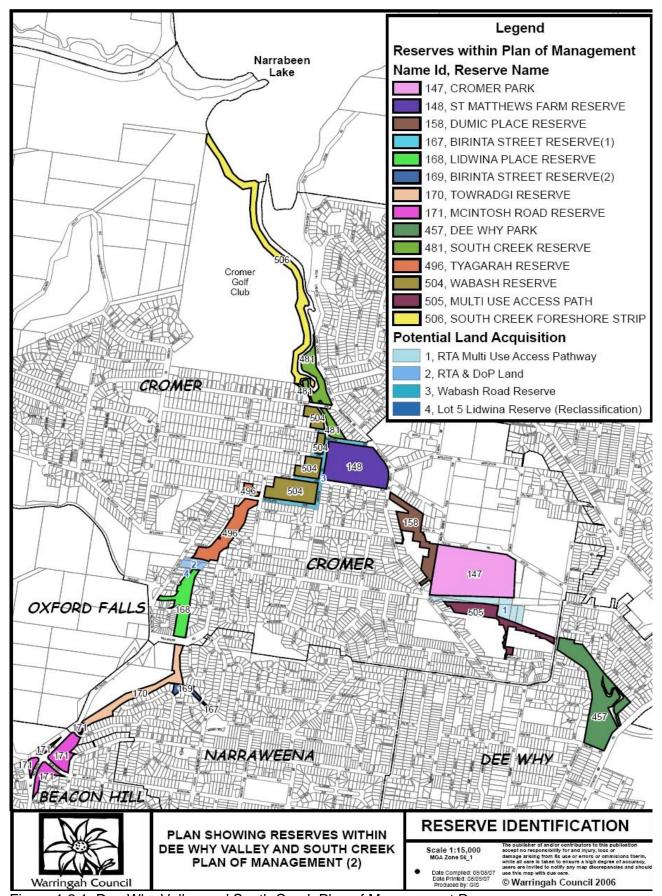


Figure 1.2.1. Dee Why Valley and South Creek Plan of Management Reserves.

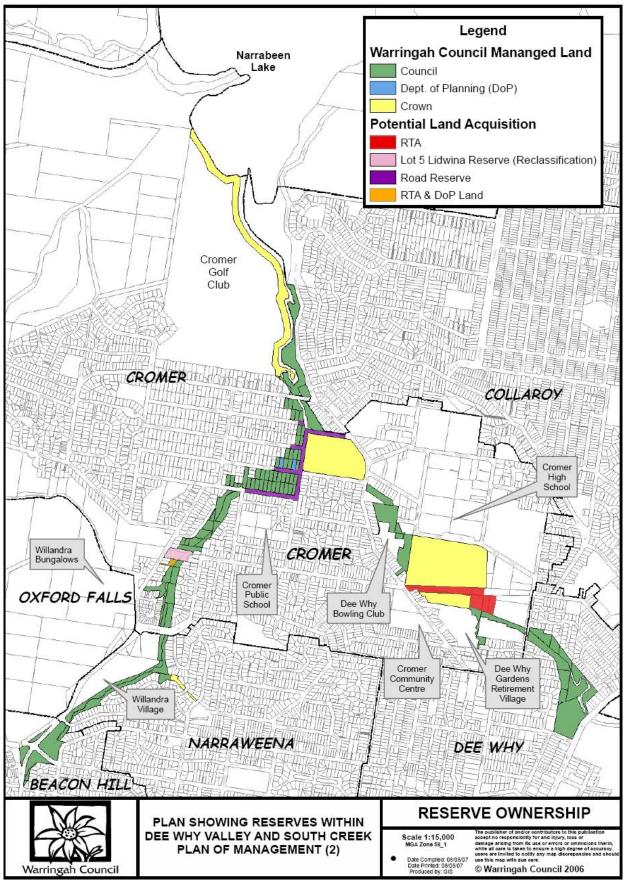


Figure 1.2.2: Dee Why Valley and South Creek Plan of Management Reserve Ownership

1.4 What is the purpose of this Community Issues and Options Discussion Paper?

Development of the Plan of Management commenced in August 2006. Activities to date have focused on research and community and stakeholder consultation. This Discussion Paper documents the issues and values that have been identified through the community consultation process and identifies options for future use and management. The paper provides the community with a basis for further discussion prior to the completion of the draft Plan of Management.

Community comment on this paper is encouraged. Please complete the 'comments page' to have your say in this process.

2. Community Consultation

The Local Government Act (1993) requires a Plan of Management be prepared in consultation with the community. Council feels that this process is critical to ensure that the plan addresses the needs of the community and relevant stakeholders.

2.1 Who are the stakeholders?

The Dee Why Valley and South Creek Open Space Corridor reserves are used by a wide range of organisations and individuals for a diverse range of activities. Figure 2.1.1 outlines the various stakeholders identified as relevant to this project.

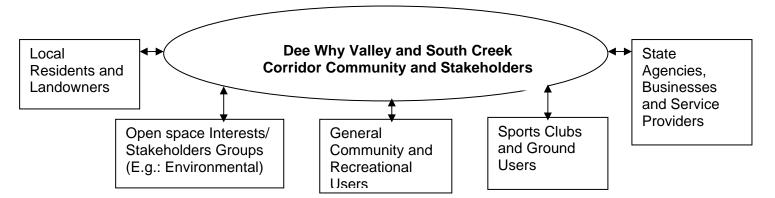


Figure 2.1.1 Dee Why Valley and South Creek Open Space Stakeholders

2.2 Consultation activities

Table 2.1.2 lists the community and stakeholder consultation activities undertaken to collect information on the issues and values held in regards to this Plan of Management.

Inform Stakeholders	Questionnaire	Open Days	Community Workshop
Nov 06 – 7700 Letters to residents	Nov 06 - 7700 surveys sent	Dec 2006 - interview with staff	• 30 th November 2006
Nov 06 - Letter to relevant external stakeholders			
Nov 06 - Ad in Manly Daily	233 returned	15 people visited	16 people attended

Table 2.1.2 Consultation activities undertaken for the Dee Why Valley and South Creek Open Space Corridor Plan of Management

3. Management Issues and Options

3.1 Values

"Values" can be simply described as those things that make a place important or the things that are important to the community regarding the area. The Dee Why Valley and South Creek Open Space Corridor values have been ascertained through research and the community consultation process used in the development of this Plan of Management.

The values have been listed in Table 3.3.1 with each value being assigned a level of significance which has been determined on a local, district, regional (metropolitan), state and national basis.

From this it can be seen that the condition and health of the environment has far reaching consequences and the community are very aware of this. The local community very much values the open natural areas that enable them to relax, recreate, socialise and exercise.

Management and ownership are not traditionally considered values of a place however they were raised consistently by many people within the community and were definitely considered important for this area at this time.

Values		Level	of Significan	ice	
	Local	District	Regional	State	National
Natural Environment	√ √	√	√	1	
Access and availability of Open Space	1	√			
Sporting	1	√	√		
Recreation/ Social / Cultural	1	√			
Management and Ownership	1	1			

Table 3.3.1 Level of significance for each value identified.

3.2 Issues and Future Options

Given the nature and number of reserves covered in this Plan of Management a large number of issues were raised. These issues are divided into five broad areas.

- The Natural Environment
- · Condition and Management of the Reserves
- Accessibility and Use of the Reserves
- Sports Fields
- Other Community Issues and Considerations

Each of the five broad areas is divided into relevant topics for specific discussion. Where relevant the proposed actions are placed after the discussion.

1. The Natural Environment

The accessibility of the natural open space throughout Dee Why Valley and South Creek was clearly the most valued aspect of this area. There is major concern about the environment and its condition.

A. Flooding

The South Creek catchment area is approximately 7.3 square kilometres and drains into Narrabeen Lagoon. Although the floodplain is largely open space, residential properties and roads can experience flooding. As a result, a floodplain management program was initiated and has involved the development of the South Creek Flood Study, Floodplain Risk Management Study and Floodplain Risk Management Plan.

Those actions relating to relevant areas including flooding, bank stabilization, riparian weed invasion, water quality and stormwater management will be covered in these documents and the relevant actions will be referenced in the Plan of Management.

B. Creeks and Riparian Zones

A riparian zone is defined as any land which adjoins, directly influences or is influenced, by a body of water. This land is important because it is usually very fertile and supports a high diversity of plants and animals.

Both Dee Why and South Creeks are highly degraded. There is excessive weed growth and bank erosion. In 2004 Council commissioned a Creek Management Study to look into the condition and health of all creeks in Warringah. This study outlined a series of actions for both Dee Why and South Creeks including the development of a Creek Management Plan to guide re-vegetation of the creeks, re-stabilization of the banks and the education of the local residents and businesses in regards to storm water management.

The following issues were also noted in regards to the creeks and riparian zones.

- Dee Why Creek concrete half pipe should be replaced with a more natural creek line.
- The quality of the water in the creeks is of concern to residents. Council's Environmental Monitoring and Assessment Program have been initiated to assess the water quality of Warringah's creeks. Once sufficient data has been collected a series of management actions will be developed to assist in maintaining the long-term health of the creeks, including both South and Dee Why Creeks.
- The impact that industry may be having on the creeks was also raised. Council's Environmental Audit Program looks at how businesses store and dispose of waste and the work practices they adopt in order to limit the impact they have on the local environment. Council also operates a Sediment Control Program that informs developers about appropriate water management and sediment control. Some breaches have resulted in regulatory action being undertaken.
- Grass clippings and exotic vegetation are being dumped. This increases the nutrients and seeds within the creek beds and leads to the growth of weeds and exotic plants which affects water quality, habitat, food sources, and the natural vegetation.



Photo 1: Weeds and exotic plants within South Creek at Tyagarah Reserve. Suggested Actions for the Plan of Management

In addition to relevant actions from the Creek Management Study, Floodplain Risk Management Study and Risk Management Plan the following actions have been suggested to address the above issues:

1. An education program is developed for residents targeting creek protection and management.

- 2. Dee Why Creek half pipe is replaced with a more natural creek line in conjunction with Council's forthcoming Habitat Plan.
- 3. Riparian zones and buffers are managed to enhance and improve the health of the creeks and surrounding vegetation and habitat.

C. Domestic Animals

There is a wide variety of animals and birds throughout the area. Some people expressed a concern about the impact of cats and other animals on the natural wildlife.

Council's website and relevant brochures outline the responsibilities of cat owners and Towradgi Reserve in Narraweena has been declared a 'Wildlife Protection Area'. Cats and in some cases dogs are prohibited at all times in such areas.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The community is further educated regarding being responsible pet owners.
- 2. The declaration of other reserves as 'Wildlife Protection Area' is considered i.e. McIntosh Reserve.

D. Weed Infestation

The existence and extent of the weed problem was raised as a major issue. The existence of the weeds such as Ludwigia, Lantana, Coral trees, Bamboo, Willow Trees and Morning Glory are particularly prevalent and all have a negative affect on the overall health of the riparian zones and creeks.

The following is a list of the issues raised in regards to weeds:

- Spraying can leave an area bare and replanting is often required to ensure that it is not re-infested.
- · Removal of weeds needs to consider potential loss of habitat.
- Garden rubbish and lawn clippings are being dumped which can be a major cause of weed growth. Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The Ludwigia Eradication Program is extended along all sections of South and Dee Why Creeks in an attempt to remove the weed entirely.
- 2. An extensive and strategic weed removal and prevention program be developed and integrated into other plans for both creeks.
- 3. The weed removal program be staged and timed to minimize the impact on fauna habitat.
- 4. A program that targets those who dump waste and lawn clippings be developed and implemented.

E. Endangered Communities and Habitat Areas.

Table 3.2.1 outlines those identified vegetation communities within the Plan of Management area that are considered endangered and environmentally important.

	South Creek Foreshore & South Creek Reserve	RTA Land, Dee Why	Wabash Reserve
Endangered community	Swamp Oak ForestEstuarine ReedlandSwamp Mahogany Forest	Coastal Dune Swamp	Swamp Mahogany Forest
Level of threat	NSW	NSW	NSW
Restoration comments	Potential habitat for threatened birds – i.e. Black and Australasian Bitten	Many requested that Council consider taking more active role in this area.	Some restoration work occurring

Table 3.2.1 Endangered Vegetation Communities within Dee Why Valley and South Creek Corridors.

Bush Regeneration

Prior to European colonisation the entire area of the Dee Why Valley and South Creek Corridors comprised of coastal wetland vegetation communities which is now restricted to a few small degraded remnants.

There is currently some bush regeneration work occurring in McIntosh, Tyagarah, Wabash and South Creek Foreshore Reserves. Regeneration tends to concentrate on the removal of weeds and exotic species. It is undertaken by professional contractors employed by Council and volunteers under Councils Friends of the Bush program.

Habitat

The Dee Why Valley and South Creek area have been identified as a Priority 2 Wildlife Corridor (P&J Smith 2005), Wildlife Corridors allow animals to move from one large remnant to another and thus enable out breeding and genetic exchange between what would otherwise be small, isolated populations of doubtful long-term viability. They are also habitat areas themselves, and so increase the area of habitat available to native fauna and flora. By facilitating animal movements, wildlife corridors also have strong indirect effects on plant populations because they facilitate movement of animal-borne pollen and seeds between remnants.

Due to the high number of native animals reported by the community, a Habitat Study was commissioned for all the reserves in this area as part of the plan preparation. The study has made various recommendations in regards to protecting and further enhancing habitat along the corridors. These will be included in the Plan of Management.

In addition the forthcoming Local Habitat Plan aims to draw together all Council's actions relating to habitat. It identified several areas for habitat reconstruction or enhancement, including areas adjacent to Dee Why and South Creeks. The following has been identified as being appropriate for replanting and development of reconstructed habitat areas.

- Dee Why Creek area behind service station near Billarong Rd, along both east and west of Campbell Parade and several areas between Dee Why Gardens and Dee Why Wetland.
- St Matthews Farm planting of stands of trees which will also provide shade for spectators.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Existing areas of remnant habitat be protected and restored as per the Fauna Study.
- 2. The development of additional and specific habitat areas is undertaken as set out in the Local Habitat Plan.
- 3. Continue the protection and restoration of the current endangered vegetation communities within the area.

4. Identification of other potential restoration areas and where relevant the expansion of the bush regeneration program.

2. Condition and Management

The actual condition, appearance and maintenance of the reserves were the most commonly raised issue. It was also highlighted in the surveys as the major reason for why people do not use the reserves.

A. Council Response to Complaints and Requests

There were several comments in regards to the Council's response to complaints. Council is aware that there has been issues in regards to the customer response systems and has initiated a new Enquiry and Complaints Management System which will be operational by October 2007.

B. Maintenance of Reserves

There were many comments and requests in regards to basic maintenance of the reserves. The reserves are essentially managed as either developed open space, creeks or bushland and maintained by a specific program for each of these areas. A grass maintenance schedule sets out the number of times per year the reserves are mowed and provided with a general clean up. The bushland and riparian areas are managed through various Council plans and strategies which set out priorities and actions for work to be undertaken. All actions are dependent on the allocation of resources.

Due to the location of the reserves, the topography of some of the sites and the variability of the weather, the growth rate of the weeds and surrounding areas in recent years appears to have exceeded what the current programs can manage in this area.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The maintenance needs of the reserves are to be reassessed.
- 2. The maintenance requirement of any new development or embellishment is to be assessed and considered prior to approval.
- 3. Continue to apply and improve sustainable management practices.

C. Rubbish

There are incidences of illegal dumping within the reserves. The accumulation and slow removal of rubbish was highlighted as an issue.

The current Council response system for illegal rubbish dumping aims to locate the source of the dumping which can take considerable time. The communication process associated with this response system will also be reassessed through the new Customer Service System.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Improve the overall character of the reserves to prevent the opportunity for dumping. This can be done by ensuring the reserve is open, attractive and accessible.
- Develop an education program which targets the impact of rubbish dumping on the reserves.

D. Stormwater, Drainage and Sewerage Facilities

Council maintains stormwater and drainage systems throughout the reserves. Such facilities play a role in conveying stormwater from adjoining residential areas to the creeks. Storm events can lead to bank erosion.

- In Lidwina and Towrdagi there is evidence of erosion around Sydney Water pipes. Sydney Water has the responsibility to protect/repair their infrastructure.
- The Water Quality Device in Macintosh Reserve is not working to capacity and has not received adequate maintenance. This has resulted in major weed infestation of the pool which is believed to be causing the spread of these weeds further downstream.
- Requests have been made to place signage and information at these facilities.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The future of the Water Quality Device in Macintosh Reserve be investigated and resolved.
- 2. Interpretative signs be placed at all large water quality facilities.

E. Tyagarah Reserve - Concrete Slab

There is a large concrete slab in the middle of Tyagarah Reserve which is the remnant of a house purchased by Council. There is some evidence that is being used for recreational activities such as skating. However the development of it as a recreational facility has several challenges: it is an awkward shape, has several safety hazards and blocks access through the reserve. Any development of this as a recreation facility is likely to affect access further and be incompatible to other uses of the immediate area.



Photo 2: The concrete slab and Sydney Water sewer pipe in Tyagarah Reserve affects access through the reserve.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

1. The concrete block be removed and grass planted to extend the open space.

F. Towradgi Reserve

A large section of the west side of Towradgi Reserve is bordered by Willandra Village and several issues have been identified in regards to this area:

- There is a lack of border definition between village land and community land.
- There is insufficient space between the exotic plantings of the village gardens and the riparian zone.
- The weed infestation on the southern end blocks access to the creek and reserve.
- There are no formal tracks other than those within the grounds of the home.
- This area is community land but there is little to indicate that anyone may actually use it.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Willandra Village and Council work more closely together to address the issues of borders, gardens, pathways and access in the Towradgi Reserve.
- 2. Signage is erected to delineate the open space.

G. Tenure and Land Ownership

Some of the land within the two corridors is owned by Government Departments or is not classified or zoned as open space. There are several issues in regards to several land areas.

Road Traffic Authority and Department Planning Land - Lidwina/ Tyagarah Reserves Cromer.

This land is made up of four parcels which connect Lidwina and Tyagarah Reserves. The RTA owns one parcel and the other three are owned by the Department of Planning. Parts of this land have been identified in the Local Environment Plan (LEP) as open space reservation to ensure a continuous strip between the two reserves. Council will need to consider the impact that any development on this land may have on the natural areas and fauna corridor function.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Acquisition of the identified land between Lidwina and Tyagarah Reserves is pursued.
- 2. Any proposals to develop on this land take into consideration the impact on the environment.

Lot 5 adjacent to Lidwina Reserve

This parcel is adjacent to the above land and is zoned public open space in WLEP 2000. It is currently classified as operational and is not subject to this Plan of Management. The land is flood affected, has an access handle to Willandra Road but has few development opportunities. Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. This land is re-classified (except the access handle) to Community land.
- 2. The access handle is retained as operational land for potential sale.

RTA land along Dee Why Creek adjacent to Multi Use Access Path

The Multi Use Access Path is made up of nine different land parcels with various owners as shown in Table 2.1.1. As this land is neither Council nor Crown land it cannot be dealt with by the Plan of Management. However the entire area is zoned in the LEP 2000 as open space reservation for Council to acquire in the future.

Council records indicate that there have been numerous discussions over the years that have yet to result in the acquisition of the land. The latest correspondence from the RTA in January 2006 indicates that Council could either acquire the land at market rates, or undertake care, control and management through the gazettal of the land as Public Reserve under Section 159 of the Road Act 1993.



Photo 3: Multi Use Access Path with RTA wetlands in the background. Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

1. Acquisition of this land from the RTA is pursued. If this is not feasible Council is to consider undertaking the care, control and management of this land.

South Creek Foreshore (506)

There are guite several issues in regards to this land:

Ownership

This land is owned by the Department of Lands and the care, control and management was devolved to Council in 1919. There has been considerable discussion in regards to the long-term ownership and management of this land with the Department of Lands.

Permissive Occupancy with the Cromer Golf Club

The Crown issued a Permissive Occupancy agreement to Cromer Golf Club in 1956 which allows the Club to use the land as part of the golf course. The agreement stipulates that public access cannot be prohibited and that the club is to take full liability of anyone on the land.

· Council's Role with this Land

The club was given consent for Development Application 2003/0856DA and is now obliged to undertake the removal of signage restricting public access, improve public safety, restoration of the endangered vegetation and develop a walking and low impact bike track. The golf club has met some of their obligations however the track has yet to be built and the vegetation works have not yet been completed. The Department of Lands noted in it's review of the Club's DA proposal that the club is to limit where possible the occupation of the lands with a view to reducing its occupation of the Crown land

- Council Issues with this land
 - o There is no signage indicating that the community can use this land.
 - The two accesses are informal and unmarked. On investigation the weir access was considered high risk and a fence fitted with an unlocked but latched gate has been erected until an alternative access can be created. Council is currently investigating a new site for a bridge as well as improving access from Toronto Ave.
 - o The impact of the mowing and maintenance regime on the natural areas.
 - o The club has a volunteer gardening group with whom Council could work more closely.
 - The weir and pumping station are not working and cannot be repaired.
 - The weir may be adversely affecting fish passage through the creek and preventing salt water moving upstream which would assist with controlling some of the weed infestation.

o Public safety within the golf course area

- Cromer Golf Club issues
 - Due to vandalism, requests have been made to place a lockable gate at the weir entrance to prevent access onto the course at night. Council does not support restricting any access to this land. The current fence and gate was installed to provide a measure of control over access to weir and is not to be locked. Both the fence and gate will be removed once a new access is provided.
 - o The Club would prefer that the track be placed on the other side of South Creek.
 - o There are significant incidences of unleashed dogs on the golf course.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Council pursues trusteeship of this land and the actual creek.
- 2. Following the development of a trust managed by Council a lease or license is negotiated with Cromer Golf Club. Such a lease is to include negotiations regarding increasing public access and safety and the withdrawal of the golf course from some of the public land.
- 3. Appropriate compliance, directional and interpretative signage is to be erected on this land.
- 4. At least two main access points be developed to gain entry to this land.
- 5. The weir and pumping station be eventually removed and not replaced. Appropriate access is to be provided prior to their removal.
- 6. Regular meetings are to be arranged with the club to discuss such topics as the maintenance program, vandalism and use of the reserve. This should also include discussions in regards to the proposed track.
- 7. A shared pathway is developed on this land.

Road Reserves

Wabash Reserve is currently made up of many house block size land parcels divided by the roads. The ends of these streets are local road reserves and are not part of Wabash Reserve. They include the end of Cleveland Ave, Grover Ave, Washington Ave, and Waroon Road. One arm of Waroon Road runs adjacent to the north side of St Matthews Farm and includes the formal car park.

Cleveland Ave also runs across Tyagarah Reserve.



Photo 4: Road Reserve - A shared pathway has been suggested for Cleveland Ave, Wabash Reserve.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. A road closure application is completed and that the parcels be incorporated into the relevant reserve through the rezoning of the land. This would mean that there would be a narrow strip of community land adjacent to St Matthews Farm see Figure 1.2.1.
- 2. All land parcels which make up Wabash Reserve be consolidated into one through a consolidation plan.
- 3. All land parcels which make up Tyagarah Reserve be consolidated into one through a consolidation plan.

3. Accessibility and Use of Reserves

Those who completed the community survey considered the accessibility and availability of the reserves as being very important.

A. Tracks and Cycle Ways

All survey respondents rated the tracks in Dee Why Park and the Multi Use Access Path as good to excellent.

The Warringah Bike Plan proposes a series of multi purpose-shared tracks from Narrabeen Lagoon to Dee Why and through Cromer to Beacon Hill. This has been supported by the Draft Regional Trials Strategy (May 2007) which develops a planning framework for multi purpose (off road) trails within Warringah and adjoining areas. The tracks within this Plan of Management area are primarily urban trails however they are recognised as being significant in the regional network system.

The following is a summary of those issues and suggestions raised:

- A formal bike/walking track system through out all of the reserves.
- Extend the track in Dee Why Park and Multi Use Access Path to Narrabeen Lagoon.
- There are safety issues at the Pittwater Road crossing at Dee Why and Fisher Road North.
- There is a lack of signage at the Eastern End of Dee Why Park at Pittwater Road.
- Tyagarah Reserve has a Sydney Water sewer pipe across the reserve which requires that people go underneath the pipe. There is not ample room for prams and wheelchairs.
- The gradient, width, design, location, lighting, accessibility, track surface, environmental impact, signage and ancillary infrastructure such as kerbing, bus stops and road crossings must be considered when developing tracks.
- Cromer Park car park has been suggested as being suitable for a much needed "learn to ride" bike area. There is also the opportunity for a longer fun/adventure ride around the entire facility.
- The needs of people with disabilities, those over 55, the usage of prams and wheelchairs and the location of the retirement villages need to be considered to enable more people to use the tracks both as a means of transit and exercise.
- Council has purchased a section of 243 Fisher Road (now known as 245) to allow for the continuation of the Multi Use Access Path through Dumic Place.
- Boardwalks through the wetlands for scenic and education value.
- Tracks can reduce the need for maintenance and provide a barrier against weed invasion.

To address the above issues the following actions have been suggested:

- A shared track system as outlined in the Warringah Bike Plan is developed within these two corridors to create a comprehensive track system. This includes two systems of tracks being developed from South Creek Foreshore (506), one to St Matthews Farm (148) and down through Dumic Place (158) to join the Current Multi Use Access Path (505) to Dee Why and the other though to Wabash (504) and Tyagarah (496) Reserves.
- 2. In addition to those tracks outlined in the bike plan, a track should be considered through Tyagarah (496) into Lidwina Reserve (168) to join Willandra Road at Teresa Place and across the bridge at Teresa Place to come through to Willandra Road at the end of the reserve.
- 3. A track is developed on both sides of South Creek in the South Creek Foreshore (506) and South Creek (481) Reserves. The track from the golf course is to continue down through South Creek Reserve to Toronto Ave. The track on the other side of the creek is to run along South Creek Road on the reserve and join up with proposed tracks in the northern section of South Creek Reserve towards Jamieson Park (not covered in this plan but in the Jamieson Park Plan of Management 2000).
- 4. A comprehensive planning approach is taken in regards to all track development. This is to include taking into consideration the location and needs of adjoining schools and community facilities.
- 5. 245 Fisher Road is developed into a visually pleasant and functional pathway providing access to Dumic Place.
- 6. A "learn to ride" bike area is established at Cromer Park.
- 7. An appropriate crossing over or under the pipe in Tyagarah Reserve is developed.
- 8. The development of boardwalks through the wetland areas is to be considered.

B. Provision of Facilities and Services

Survey respondents noted the lack of seating and general park amenities. This was the one area that rated poor at all 13 reserves. The following has been noted or suggested:

- Seating is inadequate. There are only three seats within the 13 reserves.
- Appropriate seats and tables for those with wheelchairs and prams are required.
- Toilets should be open and available in the reserves.
- There are no barbecues in any of the reserves
- The areas are not particularly inviting.
- Fitness circuits and activities along the track system.
- There is a lack of shade particularly at the sportsgrounds and children's areas.
- A lack of parking was noted at the three sports grounds.
 - 1. A request was made to increase parking in both parking areas at St Matthews Farm.
 - 2. A request has been made to expand the on ground parking at Cromer Park.
 - 3. There is a severe lack of parking around Dee Why Park. There have been many complaints from local residents in regards to parking.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Develop a themed, consistent and integrated landscape plan for the two corridors which outlines the provision of furniture, barbecues, adjoining pathways, children/youth spaces, natural shade, plantings, signage, public art, accessibility, entrance points and bins (including dog) which creates a sense of identity, character and improves the safety, access and usability of the reserves.
- 2. Consideration is given to opening relevant toilet blocks along tracks and recreational facilities.

- 3. A fitness circuit is developed within at least one of the reserves or along one section of the track.
- 4. The number of parking spaces is increased at St Matthews Farm at both the Grover Ave side and the formal on ground car parking.
- 5. A dispersal parking strategy is developed at Dee Why Park to spread the car parking options for sports users of the ground. This is to consider increasing the use of the surrounding areas streets, the construction of at least one additional bridge to allow access from the other side of the creek and the possibility of a car park being built on some of the open space adjacent to Billarong Ave behind the service station or at Palara Place. It should however be noted that as per the hierarchy (Appendix A) this ground is generally seen as not requiring on ground parking. The Billarong Ave area has also been noted as being ideal for habitat restoration which will also need to be considered in any dispersal parking strategy.
- 6. Cromer Park car park is expanded to increase the number of car spaces available.
- 7. Formal parallel car parking is developed along South Creek Road adjacent to South Creek Reserve in conjunction with a shared cycle/walking track.
- 8. The Southern end of Lidwina Reserve on Willandra Road is developed into an attractive picnic area with scattered plantings for additional shade.
- 9. The northern end of Wabash Reserve on Toronto Road be considered for a community garden project or similar community orientated area such as a picnic area with scattered shade trees.
- 10. Investigate the possibility of developing partnerships with local businesses and facilities regarding alternative weekend parking opportunities.

C. Awareness and Promotion

The following issues and suggestions were made:

- Improve directional, compliance and interpretational signage through out the area
- Some reserve names are confusing:
- Multi Use Access Path is not easy to identify with.
- Dee Why Park also known as Dee Why Oval and Dee Why Playing Fields. The playground is known as Tulich Park.
- 245 Fisher Road will require a name or should it just be added to Dumic Place?
- Despite ongoing educational programs aimed at assisting people about how to live within the bush and creek environment many respondents felt there are significant issues regarding the treatment of the open space and natural area by local residents.
- Young people and local schools should be more involved in the local area.
- Local residents require a sense of ownership for the open space and reserves.
- Council needs to inform the community of what is happening within its reserves, especially in regards to works programs.

Suggested Actions for the Plan of Management

Council has recently secured funding to run an extensive three-year education program for the entire Narrabeen Lagoon catchment area, including South Creek commencing July 2007. The program will cover many of the issues noted in this discussion paper.

To address the above issues the following actions have been suggested:

- A comprehensive signage strategy is developed to cater for all areas of signage (interpretative, directional, compliance) in open space to ensure consistency throughout Warringah.
- 2. Appropriate processes are undertaken to formally assign names to the relevant reserves.

A community education plan be developed and implemented which aims at reducing the human impact on the creeks and reserves and increasing the sense of ownership of the land. Topic areas that could be covered in this strategy have been noted throughout this paper. This may include some of the actions included in the above three-year program. The involvement of schools should also be included in this program.

1. A review of the communication strategies used to inform the community regarding current works is to be reviewed.

D. The Management of Dogs

A specific off leash dog exercise area has been requested in this area. Wabash Reserve was investigated as a possible area in 2001 and was rejected due to its proximity to the creek and the playground.

In looking for a suitable place along the South Creek Corridor for an unleashed dog area the following need to be taken into consideration.

- 1. The possible impact on any native flora and fauna.
- 2. The closeness to a creek and riparian zone.
- 3. The containment of dogs to one area.

Cromer Park is the most suitable site as it has some fencing and does not back onto residential property. Considering the problems that this park has with vandalism, a dog exercise area during the hours of 10pm to 8am weekdays may assist with this problem by increasing use of the Park.

There were also considerable comments in regards to dogs being allowed to run unleashed throughout the reserves. This has led to neighbourhood disputes, property damage and concern about the environmental impact on the creeks and native fauna. A request was made for Council rangers to target these areas.

The presence of dog faeces in the reserves was also a common complaint and many felt that it affected their enjoyment and use of the parks. Is also has an impact on water quality. There were suggestions for Council to provide more dog litterbins and bags as well as appropriate signage.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Fields 3 and 4 at Cromer Park are trialed as an unleashed dog area for restricted weekday hours.
- 2. Appropriate signage be placed throughout the corridor and increased surveillance of the reserves is undertaken.
- 3. Several dog litterbins are placed throughout the area as part of the landscape plan for the corridors.

E. Encroachment

There are significant encroachments by local residents on community land. This is most evident in Towradgi, Lidwina and Tyagarah Reserves where some residents have planted garden beds and placed items such as cars, boats, children's play equipment and garden sheds on the actual reserves.

Mowing, maintaining and planting on Council reserves are also a common occurrence. This is not always appropriate due to the impact it can have on the riparian zones and creeks.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. A specific promotional program targeting the unlawfulness and inappropriateness of encroachment be implemented and followed by enforcement as required.
- 2. The boundaries of the reserves are clearly defined or signposted. In some cases the development of pathways may assist with this.

F. Bushfires and Emergencies

Several people noted that they were concerned about the risk of bushfire due to the untidy and wild nature of the reserves. All the high-risk areas are mapped and Council maintains the fire buffer zones within a current works program. At this stage there is no need to have any specific action in the Plan of Management regarding this issue.

4. Sports Fields

Dee Why Park, St Matthews Farm and Cromer Park sportsgrounds are all popular and used extensively. The community survey indicated that most respondents were very happy with the grounds and rated them as good. Most of the sporting clubs were involved in the community consultation process.

The following is a summary of the issues and suggestions in regards to sportsgrounds. They have been divided into several generic issues relevant to all three grounds, and then each ground's specific concerns are discussed.

A. Development at the Sportsgrounds

There have been several requests for new facilities at the Reserves – the scale and intensity of any development must be noted in a Plan of Management.

The forthcoming draft Generic Sports Ground Plan of Management sets out several management structures and actions which provide strategies for the long term management and development of sports grounds in Warringah. All relevant strategies and actions from the generic plan will be referenced in the Plan of Management.

The **Sports Ground Hierarchy** will be applied to the three fields in this Plan of Management. The hierarchy recognises the differing requirements for each ground in accordance with the standards required, extent and type of use and allows for appropriate future planning and resource allocation. Each category will have a corresponding required level of service with financial and resource implications.

Cromer Park is considered a Regional B facility; St Matthews Farm as Sub Regional ground and Dee Why Park as a Neighborhood Local A field. The hierarchy which guides the development of ancillary facilities and those facilities seen as appropriate for each type of field is illustrated in Appendix A.

The following requests have been received for future development on the three sportsgrounds:

Cromer Park

- 1. Field 1 600 additional seats, barbeque area and upgrading of boxes in grandstand and expansion of the canteen.
- 2. Field 2 seating for spectators.
- 3. Field 3 and 4 an extension of the amenities building.

4. Fence perimeters - some sections of the chain wire fence around the site boundary have been removed. The Soccer Association has requested that the fence be reinstalled to enable the ground to be locked as a means of preventing vandalism.

Dee Why Park

- 1. Club House DA has recently been approved for additional storage. A larger community building has been requested.
- 2. Seating, barbecues and tables a request has been made for additional facilities to compliment the clubhouse area.

St Matthews Farm

Shared facility building (northern end) – the condition of this building is poor and the men's toilet has no taps or water supply. The building needs to be redeveloped; however there is no agreed position between the clubs as to the location or type of building required.

As per Council policy and direction this building is to remain as a shared facility and any redevelopment is to consider the funding, tenure and management arrangements prior to any approval.

• All weather multi sport pitch – has been requested. Cromer Park is probably the most preferred site due to its regional categorization and available space.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Develop a Master Plan for the development of each sporting ground to guide development. This is to consider the provision of a variety of facilities including natural shade, barbecues, landscaping, amenity buildings, seating, additional recreational facilities and signage as well as setting the overall look and appearance of the reserve.
- 2. The need for an all weather multi sports pitch is considered as part of the overall provision of sporting facilities in Warringah.
- 3. All developments suggested for Cromer Park be considered as appropriate.
- 4. A new amenities building at St Matthews Farm be developed. This building is to be a replace either the current northern facility on the same site or within a similar vicinity of the current building, and is to be shared between the relevant clubs under a license or seasonal agreement. The building is to include toilets, storage, a canteen and change rooms as per the "Sub Regional" status of this ground and be designed to minimize noise and disruption to adjoining residents.
- 5. The current single use amenities building at St Matthews Farm (leased to Cromer Kingfishers) is to be upgraded to meet the needs of the sportsground and shared use of this facility is to be encouraged.
- 6. The removal of fencing at Cromer Park be reviewed in light of other current issues and suggestions and incorporated in the review of the 2000 Cromer Park Master Plan.
- 7. That the Dee Why Park Amenities Building be upgraded to meet the needs of the sporting clubs.



Photo 5: Cromer Park. The car park and field 3 and 4 amenities block have both been suggested as requiring improvement and expansion.

B. Leases and Licenses

There are currently two leases relevant to this Plan of Management.

- 1. Cromer Kingfishers Junior Rugby League Football Club (Cromer Youth Club Incorporated) has a lease for the amenities building in the South East corner of the field. The lease is for ten years and is valid until 2010.
- 2. Manly Warringah Football Club has a lease on Cromer Park field 1 and associated amenities which is valid until 2013.

Other lease requests include:

- The Manly Warringah Soccer Association has requested a lease over field 2. The leasing of grounds exclusively to one group alienates the community and is not seen as appropriate. Field one is already locked and not available for use for any other sport or activity.
- The allowance of ice cream trucks, coffee carts and cafes on the reserves has been suggested. The use of commercial operations on community lands may require a tender process for longer term operations and should be based on demonstrated need and benefit to the community.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Seasonal licensing for temporary food outlets to operate from some of the reserves is considered.
- 2. Consideration of any new or renewal of leases, licenses and user agreements take into account all Councils principles in regards to managing sports fields including avoiding exclusivity of grounds and facilities.

C. Overuse and Allocation

A major issue noted by the sportsground users was that the area has insufficient grounds to cater for the number of teams and participants. The grounds are allocated by the Manly Warringah Pittwater Sporting Union, an umbrella body representing the major sporting codes, for both the winter and summer seasons. The lack of grounds has resulted in the overuse of the fields and has lead to poor quality surfaces and amenities.

The following issues were identified:

The allocation of the grounds has been questioned and some clubs feel it is not equitable.

- Cromer Park is dominated by one sport. This sets precedence and alienates the community from the reserve.
- Once allocations are set deals are made between clubs which creates numerous management problems.

Suggested Actions for the Plan of Management

All those actions in the Generic Sportsground Plan of Management regarding the overuse and allocation of sportsgrounds will be specifically referenced in the Plan of Management. The Sportsgrounds Plan is due to be placed on exhibition in July. Sporting Clubs will be contacted to ensure they are familiar with the implications of this plan on their use.

D. New Spaces for Sports Fields

There is considerable need for additional sports fields as demand far outweighs current supply. Mini soccer fields are required due to an increase in junior participation. The following areas have been suggested as possible new places for junior sports fields within the Plan of Management area:

- 1. Dumic Place is large enough for a mini soccer field. However the adjacent land has been specifically purchased to form a link to the Multi Use Access Path through the reserve. The reserve is also primarily a riparian zone.
- 2. The Campbell Ave end of Dee Why Park is already flat open space previously used for sport however requires drainage work to enable regular participation. Local residents are concerned about night time usage of this area due to the proximity of the ground to their residences.
- 3. The mown area of Lidwina Reserve on Willandra Road has been suggested. It is close to a riparian zone and additional facilities including car parking and footpaths would need to be developed to ensure safe access to the area.
- 4. Use of school fields Cromer Public and High Schools both have sports grounds which could be used to assist in the provision of sport in the area. The high school ground is currently used for archery and some touch football.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- The Campbell Parade end of Dee Why Park is to be reestablished as a sportsgrounds for junior sport and that drainage be rectified to enable regular use. Users agreements are to ensure night time usage is restricted.
- 2. Negotiations to be undertaken with the local schools in regards to the use of their sportsgrounds.

E. Impact on Neighbours

Night time training affects the amenity of the local residents through an increase in noise, traffic and light. Residents adjacent to Dee Why Park have expressed concern about the noise, parking issues and general behaviour of participants associated with sports at the ground. In particular the noise made by spectators standing close to the homes in the area has been raised.

Suggested Actions for the Plan of Management

All actions in the Generic Sportsground Plan of Management regarding limiting the impact that sportsground usage has on the neighbouring community will be referred to in the Plan of Management. This includes the development of a code of conduct for teams and ground user agreements with the clubs. Other proposed actions include:

1. Any proposed development or redevelopment at the sportsgrounds should be designed to minimise noise and disruption to adjoining residents.

F. Lighting

One club has requested that all lights on all grounds be competition standard for large ball sports (i.e. 100-lux) as stated in Australian Standard AS 2560.2.3-2002. However this standard is more than most

clubs require for training (Australian standards for training is 50 lux) and there is a concern that increasing current and any future lighting to this level will lead to an increase in night competition and therefore have a significant affect on the local residents.

There were also reports of misuse of the lights. There have been incidences of lights being turned back on after the allocated club had left, and too many people having access to keys. There has also been vandalism to the light boxes.

The Dee Why Soccer Club has requested additional lighting for field one at Dee Why Park along Pittwater Road to assist with training and to ensure that the entire field can be used rather than just specific areas. The need for such lighting was also suggested in Council 2006 Sports Field Assessment report.

The Manly Warringah Soccer Association has requested that 100 lux lighting suitable for night competitions and match practice be installed at fields 3 and 4 at Cromer Park.

Council is planning to undertake a lighting audit at all sportsgrounds. This will ascertain the current levels of provision, management issues and the required needs of the users at the grounds. It is expected that a prioritised action plan based on available funding will be developed.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Lighting will be provided to the appropriate Australian standard and approval for night time competitions will be assessed on a case by case basis.
- 2. To ensure a consistent approach, a set of guiding principles and management standards is to be developed through the above audit.
- 3. An upgrade and extension on the lights as requested be installed at Dee Why Park once all relevant factors are taken into consideration.
- 4. As requested lights of a suitable standard be installed for field 3 and 4 at Cromer Park once all relevant factors are taken into consideration.
- 5. Relevant actions from the light audit and the Generic Sportsground Plan of Management will be referred to in the Plan of Management.

G Specific Ground Issues

Dee Why Park

Dee Why Park is home to the Dee Why Soccer Club in the winter and Dee Why Cricket Club in the summer and is used extensively for both junior and senior sports. The following is a list of issues specific to Dee Why Park.

- **Sports field assessment** was undertaken in September 2006 and weaknesses included poor drainage and flood lighting. Excessive use of the Lismore Ave end was also noted.
- **Balls in creek** this occurs constantly due to the location of the fields next to the creek. There are also several safety and bank stability concerns regarding this.
- **Turf condition** this is in relatively poor condition and rehabilitative works will be undertaken once resources become available.
- Advertising a request was made to advertise at the park. Advertising on open space is subject to
 the requirements of a State Government Planning Policy and requires the consent of Council.
 Adopted June 24, 2008

Council has a policy for signs on community buildings and the item being advertised must be at the location of the advertisement.

- **Junior soccer pitches** a request has been made to put more mini soccer pitches in at the oval or to re-orientate the current fields to fit more in.
- **Cricket nets** a request has been made to have some cricket nets at Dee Why Park. Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. An investigation into the provision of unobtrusive fencing, mounding and/or appropriate plantings along the creek to form a barrier for balls entering the creek is to be undertaken.
- 2. The configuration of the fields and in particular the mini fields be reviewed to create at least one, potentially two mini fields using the Campbell Parade end of the park.
- 3. Continue to investigate and implement alternative sources of irrigation water for all three sportsgrounds in this area as per the Generic Sports Ground Plan of Management.

Cromer Park

Comer Park is home to the Manly Warringah Soccer Association and related clubs. The four fields are used exclusively for soccer.

- **Sports field assessment** was undertaken in September 2006 which found the reserve had an issue with over utilisation of the grounds with little opportunity for recovery, lighting is required for field 3 and 4 and the irrigation and drainage is considered poor.
- Non-sports use of field this park is used for soccer from 4pm on weekdays and all day on the weekends. However the ground is rarely used during the day or from November to February. Informally there are some who use the field for walking dogs, cycling with their children and merely enjoying the open space.

There are several opportunities to develop this facility to attract more informal use. Suggestions include children's bicycle tracks, playground markings, bike and walking tracks, placing netball and basketball rings up in school holidays, encourage use by groups for sporting and recreation courses during the holidays, fitness circuits, children's playground and increase the number of seats and barbecues areas for families.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The Cromer Park Master Plan is to be redeveloped taking into account current issues and requests.
- 2. The development of youth, children and family recreation facilities in this area is to be considered as a means of increasing usage of the area. The inclusion of cricket nets and artificial turf spaces are also to be considered.
- 3. The layout of the grounds is to be reviewed and additional mini or sport fields identified.

St Matthews Farm

There are five sporting clubs in five different sports that use this ground throughout the year which has resulted in several issues at this ground.

- **Sports field assessment** found St Matthews Farm suffers subsidence, compaction, excessive overland flow and excessive use of the field area close to the car park.
- **Tensions between clubs** due to the heavy use of these fields and the difference in the needs of each sport there is some tension between clubs.

- Bore water and sprinkler system the sprinkler system does not work adequately. Council is currently undertaking an irrigation audit to improve management and reduce water use.
- **Cleanliness** all clubs who use the shared amenities building feel that it needs to be cleaned more frequently due to antisocial behaviour.
- **Ground management** it has been suggested that a ground maintenance plan be developed which also looks at a revised layout of the fields. A committee which looks into the management and usage of the ground is also required.
- Sportsground rectification this was undertaken in 1999 however requires rectification again.

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. Where relevant all actions recommended from the irrigation audit are implemented.
- 2. A ground configuration review is to be undertaken.
- 3. The cleaning schedule of this area is to be reviewed in light of regular antisocial behavior.
- 4. This ground is considered in the sportsground rectification program.
- 5. Actions from the Generic Sportsground Plan of Management that aim to address ground management issues are to be referenced in the Plan of Management.
- 6. That the clubs using this reserve be encouraged to form a ground management committee in an attempt to address current and future issues.

5. Other Community Issues and Considerations

A. Safety and Security

The three sportsgrounds recorded a good rating for safety and security from the survey respondents however the remaining ten reserves were given a poor rating and safety issues and concerns were one of the top three reasons why people did not go to the reserves.

- Animals there were numerous reports of snakes, funnel web spiders and unleashed dogs in the
 reserves. The existence of potentially dangerous native animals is a consequence of living close to
 natural areas and is something that the community needs to be aware of. The increased presence
 of weeds may contribute to the increase in rodents and pests.
- Lighting landscape lighting to improve safety and decrease the potential for vandalism was requested at all reserves, pathways and car parks.
- Vandalism and antisocial behaviour this is a significant issue for both the community and the sports clubs. The antisocial behavior and resulting damage at the sportsgrounds is severe with considerable damage to both the fields and amenity buildings. The community was also concerned about groups of people hanging around at some of the reserves and at times felt intimidated.
- Appropriate use of the reserves some people have reported the use of the reserves for inappropriate activities such as motorbike riding and golf.
 Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. All buildings and facilities developed for sportsgrounds and open space are designed and constructed in such a way as to reduce the potential for crime and antisocial behaviour.
- 2. Bollards and landscaping be installed to prevent car access to the fields.

- 3. Security cameras or other security measures are considered at any venue where there is considerable and costly damage on a regular basis.
- 4. Investigate vandalism and security at sportsgrounds and develop a series of strategies in attempt to reduce antisocial behaviour and crime (where appropriate use the Crime Prevention Through Environmental Design Principles).
- 5. Appropriate signage be erected to ensure that the public are aware what uses are permissible on open space.
- 6. That landscape lighting is installed where appropriate.

B. Playgrounds and Youth Spaces

Playgrounds

Children's playgrounds and spaces were raised as one of the top four issues at the workshop and many people value that children have spaces to play locally.

There are four playgrounds in this Plan of Management area, Dee Why Park (Tulich), Towradgi, Tyagarah and Wabash, all pieces of equipment were found to be non compliant with Australian Standards. The Playground Strategy (draft exhibited April 2007) has noted that the geographic area covered by the reserves in this plan does not require any additional or expanded playgrounds. However it has been noted that the four playgrounds within this area are to be upgraded over time to meet the appropriate standards. This means that they will remain as neighborhood playgrounds rather than be developed into district or regional playgrounds.

The following comments were noted regarding the four playgrounds:

- The equipment is old and unsafe.
- Safety and security at the playgrounds need to be addressed.
- o The playgrounds need chairs, tables, barbecues, shade and toilets.
- o The playgrounds should be linked with tracks.
- Improve signage to the areas.
- The Tulich Playground is excellent while siblings are playing sports but there is little to play on and there are safety issues with it being close to the creek.
- o The grass is not cut regularly enough to allow children to roam around freely.
- They are not the type of area you take children to on a regular basis "they are old and unkept".



Photo 6: Tulich Park Dee Why has been earmarked for an upgrade.

Lack of youth facilities

Overall the community felt that there are not enough areas developed specifically for young people. The following suggestions were made:

- o Could we have some "tennis hit up walls" anywhere?
- Mark the concrete at the reserves with children's bike/ vehicle tracks and playground games.
- Is there anywhere appropriate for a streetscape skate park?

Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The four playgrounds are upgraded in line with the Playground Strategy and Landscape Plan.
- 2. Any development at the sportsgrounds or reserves consider the possibility of youth recreational facilities such as tennis hit walls, basketball hoops, skate facilities and relevant markings for children's play such as targets and cricket wickets.
- 3. Consideration is given to the possibility of developing new facilities in conjunction with other partners such as schools or local industry should the opportunity arise.

C. Community Needs and Involvement

The following section looks at the needs of particular populations in Warringah and other topics that need to be taken into consideration when planning for the reserves in this area.

People over 50 years old

There are a high proportion of the population who are 50 and over in Cromer. There are three large retirement villages within walking distance of a number of the reserves. Walking is a very popular activity for older people.

People with disabilities

Council's Disability Survey Report (2006) notes that people with disabilities used a variety of recreational facilities within Warringah, especially libraries, beaches and parks. In noting which parks were used there was only one person with a disability who used one of the parks in this area. Although comparative data on disability access could not be ascertained through the Plan of Management survey we can assume that access to the parks in this area for people with disabilities may not be as good as it should be. This could be due to several reasons including a lack of definable tracks and signage and awareness as well as the relatively uninviting atmosphere of the reserves.

Fisher Road Special School regularly uses the Tulich Playground in Dee Why Park.

Role of volunteers

There has been considerable work undertaken by volunteers within the corridor and around the creeks over the years. Some have suggested that further voluntary support to undertake the work is required.

Historical and heritage

A request to commemorate Dee Why Park's history regarding the role it played in the provision of vegetables to the American Army stationed here in World War II has been made. There have been reports of at least one Aboriginal heritage site within this area. The National Park Act 1974 manages the identification of these sites.

Low level of community involvement/participation

The level of community involvement in this Plan of Management process and other matters related to this area has been raised.

As can be seen from table 1.1.2 Council has sought community input from the community regarding the development of this paper. However the response has been low with only 16 attendees at the community workshop and 233 surveys completed from 7700 sent out.

The exhibition of this paper and the subsequent draft Plan of Management provides further opportunities for community input. Considerable effort will be made to advertise and inform the community about this process and encourage people to become involved.

Open space and aesthetics

Open space and natural areas are extremely valuable and important in terms of the role they play both visually and spatially. Most survey respondents commented on how they appreciated the actual space Adopted June 24, 2008

and many noted that the appearance of the area was important. The amenity of a place is vital and at this stage it would appear that in terms of the atmosphere the reserves are generally uninviting.

It has been suggested that there is an opportunity for the integration of public art into the embellishment of these areas, improving aesthetics, community pride, and developing a sense of identity.

• Role in health of local community

Many respondents noted that the reserves play a vital role in maintaining a healthy lifestyle for the community. As indicated by the survey most people visit the reserves as part of their exercise program. Improving the track system will not only improve the experience for those already using the reserves but will provide the opportunity for more people to participate in physical activity. Suggested Actions for the Plan of Management

To address the above issues the following actions have been suggested:

- 1. The possibility of developing a "Care for South Creek Program" for residents be investigated and developed in an attempt to encourage ongoing involvement in and care for their local area.
- 2. The community health benefits of providing and developing open space and related infrastructure are considered when prioritising projects across Council.
- 3. Improve the relationship between Council and the various retirement villages in regards to gardening practices and potential volunteering opportunities.
- 4. The development of any infrastructure and facilities be developed taking into consideration the needs of people who have a disability or are less mobile.
- 5. The reserves be developed, promoted and made available for community use for events and activities including festivals, birthday parties and where appropriate markets and major events.
- 6. Aboriginal heritage sites are protected.
- 7. The inclusion of public art in the development of any space or facility is to be considered.

4. Conclusion

This Community Issues and Options Discussion Paper has been prepared as part of the process in reviewing the 1996 Plan of Management for Dee Why Valley and South Creek Open Space Corridor. The purpose of this Discussion Paper is to identify community issues and values that will form the basis of the future management of this area.

The intent of the suggested actions is to attract comment from members of the community in regards to the direction and approach Council may take for the draft Plan of Management.

The focus of the community was very much around the actual condition, appearance and development of these facilities. The reserves are generally overgrown and uninviting. The actions here focus upon addressing as many of the identified issues as possible but the overriding priority and focus of the plan will be to improve the appearance, atmosphere and condition of these reserves and their natural and built assets.

To do this the priorities would include: the rehabilitation of the creeks and the riparian zones, the protection and enhancement of potential habitat areas, containment of flood risk, the protection and enhancement of native bush and endangered communities and the development of an inviting and family friendly open space area linked by a shared pathway network.

Do the actions in this paper reflect what really is needed in this area? Council now needs to know what you think and if the direction set out here is reflective of the community needs and values. Please complete the comments page and send in to the Civic Centre, 725 Pittwater Road Dee Why 2099 or

email <u>blaskv@warringah.nsw.gov.au</u> by the 18th June 2007. Comments can also be made through the Council web page at www.warringah.nsw.gov.au.

All comments will be taken into consideration in the development of the Draft Plan of Management. Once completed the draft Plan will be placed on exhibition for further comment. Council is also required as per the Local Government Act (1993) to hold a public land hearing during the draft Plan's exhibition period that will provide another opportunity for the community to comment in this project prior to the adoption of the Dee Why Valley and South Creek Open Space Corridor

5. Action Plan Summary for Each Reserve.

The following table outlines a summary of those actions suggested for each of the reserves. Some actions are not listed in the issues section of this paper however they have been listed as possible actions as a means of achieving the intent suggested throughout the paper.

	Landscaping	Tracks/open space	Buildings/structures	Natural	Other actions
				environment	
7	Signage:	Widen informal	Review future use of	Bush restoration	Preserve as a natural
	directional,	tracks	Water Quality Device	and habitat	bush reserve with limited
S	interpretative			protection	formal access and
달					recreation
Macintosh (171)	Seating			Flood management	Assign as a Wildlife Protection Area
_	Define open space			Weed removal	
	Landscaping	Tracks/open space	Buildings/structures	Natural	Other actions
29			9	environment	
Birinta (167)	Signage: directional			Bush restoration	Preserved as local bush/ natural area
三				Weed removal	
a				Flood management	
	Landscaping	Tracks/open space	Buildings/structures	Natural	Other actions
			3	environment	
	Seating/tables	Widen and maintain	Up grade and relocate	Bush Restoration	Preserve as natural area
		current tracks	playground	and habitat	but access opened
2			. , ,	protection	·
Towradgi (170)	Signage:	Develop tracks in		Flood management	Sydney Water to protect
g	directional,	Willandra Village		and Bank	and repair their facilities
ra	compliance	area		stabilization	·
8	Signage to	Provide safe access		Weed removal	Establish relationship with
-	indicate open	to waterfall and rocks			Willandra Village
	space				
	Define open				
	space				
	Landscaping	Tracks/open space	Buildings/structures	Natural	Other actions
				environment	
	Signage:	Develop shared		Bush restoration	Develop as part of an
	directional,	pathway to Teresa Pl		and habitat	inviting open space
89	interpretive			protection	network
	Seating	Formal tracks		Increase planting of	Develop picnic area at
na		through to Willandra		shade trees at	south end
<u>\S</u>		Rd		South end	
Lidwina (168)	Doggy bins or			Flood management	Reclassify operational
	bags			and bank	land
				stabilization	
	Define open			Weed removal	
	space				

	Landscaping	Tracks/open space	Buildings/structures	Natural	Other actions
	, a area, 3			environment	
Tyagarah (496)	Signage: directional, compliance	Crossing at Carcoola Rd	Upgrade playground with shade, barbeque, seating	Bush restoration and habitat protection	Develop as part of an inviting open space network
ah	Seating and	Formal track through	Remove concrete slab	Flood management	Acquire RTA land to
gar	tables, barbeque area	to Carcoola and/or Pinta to school		and bank stabilization	ensure open space link – keep access arm to sell
ya.	Define open	T IIIta to scrioor	Access over/under	Weed removal	Target rubbish dumping
	space		sewage pipe		and encroachments
			<u> </u>	Increase shade	
	Landscaping	Tracks/open space	Buildings/structures	trees Natural	Other actions
				environment	
	Signage:	Formal shared	Upgrade playground	Bush restoration	Develop as part of an
	directional, compliance	pathway down	with shade, barbeque,	and endangered	inviting open space
	Compliance	Cleveland St to St Matthews Farm	seating, tables etc	species protection	network
<u>₹</u>	Seating/tables	Improvements to	Bridge crossings to	Habitat protection	Community garden at
(20		informal tracks	access playground	•	Toronto Ave or picnic area
Wabash (504)		though reserve	from other side	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
aps	Doggy bins or bags	Pathway to Toronto from St Mathews	Board walks thorough wetlands	Weed removal	Road reserves rezoned
>	bags	nom of matriews	Wellands		and consolidated into one reserve
	Barbeque area	Road crossing or	Improve entrances to	Flood management	Target rubbish dumping
	with natural	ramp under bridge at	reserve		and encroachments
	shade	Toronto			
	Define open			Increase shade	
	space	Tueska/anan anasa	Decilding of the control	trees	Other actions
				Natiirai	
81)	Landscaping	Tracks/open space	Buildings/structures	Natural environment	Other actions
06/ 481)	Signage:	Formal shared track	Bridge across creek	environment Work with	Regular communication
e (506/ 481)	Signage: directional,	Formal shared track from Toronto along		environment Work with volunteering	Regular communication with Golf Club on
erve (506/ 481)	Signage:	Formal shared track from Toronto along side South Creek	Bridge across creek	environment Work with	Regular communication
reserve (506/ 481)	Signage: directional, compliance	Formal shared track from Toronto along side South Creek Road – not on road	Bridge across creek (at least 1)	environment Work with volunteering gardening group	Regular communication with Golf Club on management issues
re/ reserve (506/481)	Signage: directional,	Formal shared track from Toronto along side South Creek	Bridge across creek	environment Work with volunteering	Regular communication with Golf Club on
	Signage: directional, compliance Define Open	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel	environment Work with volunteering gardening group Bush restoration, endangered species and habitat	Regular communication with Golf Club on management issues
	Signage: directional, compliance Define Open Space	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre.	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking.	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection.	Regular communication with Golf Club on management issues Pursue trusteeship of land
	Signage: directional, compliance Define Open Space Improve entries	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and	environment Work with volunteering gardening group Bush restoration, endangered species and habitat	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land
	Signage: directional, compliance Define Open Space	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre.	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking.	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection.	Regular communication with Golf Club on management issues Pursue trusteeship of land
	Signage: directional, compliance Define Open Space Improve entries	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate
	Signage: directional, compliance Define Open Space Improve entries	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on
South Creek Foreshore/ reserve (506/ 481)	Signage: directional, compliance Define Open Space Improve entries	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate
	Signage: directional, compliance Define Open Space Improve entries	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on
	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Natural environment	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage:	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Natural environment Planting of shade	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional,	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Natural environment Planting of shade trees to act as	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage:	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Natural environment Planting of shade trees to act as habitat and	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional,	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining Wabash Sportsground	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace northern building Improvements to	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Natural environment Planting of shade trees to act as	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal agreement for southern
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional, compliance	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining Wabash Sportsground rectification and	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace northern building Improvements to southern amenities	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Planting of shade trees to act as habitat and spectator coverage	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal agreement for southern amenity building
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional, compliance Seating/tables	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining Wabash Sportsground rectification and reconfiguration	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace northern building Improvements to southern amenities building	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Planting of shade trees to act as habitat and spectator coverage Habitat protection	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal agreement for southern amenity building Review cleaning schedule
	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional, compliance Seating/tables Landscape	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining Wabash Sportsground rectification and	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace northern building Improvements to southern amenities	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Planting of shade trees to act as habitat and spectator coverage Habitat protection	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal agreement for southern amenity building
South Creek Foresho	Signage: directional, compliance Define Open Space Improve entries to reserves Landscaping Signage: directional, compliance Seating/tables	Formal shared track from Toronto along side South Creek Road – not on road Track across bridge to South Creek Foreshore and to childcare centre. Shared pathway on foreshore land Develop specific access and pathway from South Creek Reserve through Toronto Road end. Tracks/open space Access track around reserve and joining Wabash Sportsground rectification and reconfiguration	Bridge across creek (at least 1) Formal car parking along South Creek Road – parallel parking. Remove weir and pumping station Fitness trail along the track or within open space area on South Creek Road side. Buildings/structures New amenities building to replace northern building Improvements to southern amenities building	environment Work with volunteering gardening group Bush restoration, endangered species and habitat protection. Weed removal Flood management Planting of shade trees to act as habitat and spectator coverage Habitat protection	Regular communication with Golf Club on management issues Pursue trusteeship of land Consolidate Trust for land and waterways Develop lease with Golf Club and negotiate removal of course on public land. Other actions Renegotiation of lease to a license or seasonal agreement for southern amenity building Review cleaning schedule

	Landscaping	Tracks/open space	Buildings/structures	Natural environment	Other actions
	Signage: directional, compliance	Tracks and crossings to all adjacent areas	Expand of boxes in grandstand	Weed removal	Field 3 and 4 unleashed dog area 10 pm – 8 am weekdays
(147)	Barbecue area/ Seating/ tables	"Learn to cycle" area and adventure trail	Youth space development	Increase shade trees and plantings	Lease for Field 1 only
Cromer Park (1	Doggy bins	Review ground layout	Expand canteen	Flood management	Review Cromer Master Plan
	Landscape lighting	Foot path at front of Cromer Park	Upgrade amenities field 3 and 4.	Bush and habitat restoration	Development of an all weather multi sportsfield
	Develop attractive perimeter area	Fences – not to be replaced	Seating for field 2	Creek restoration	Vandalism, crime deterrents and security measures
	Shade and south Creek Rd plantings		Lights for field 3 and 4	Weed removal	Cricket nets
	<u> </u>		Expand Car Parking area		
	Landscaping	Tracks/open space	Buildings/structures	Natural environment	Other actions
(158)	Signage: directional, compliance	Multi Use Access Path continuation	Bridge or creek crossings	Creek restoration	Removal of rubbish
Dumic (Seating/tables	Tracks to all adjacent areas		Bush and habitat protection	Inclusion of 245 Fisher Rd into reserve.
Du	Dog litter bins/ bags			Weed removal	
	Landscape lighting				
(505)	Landscaping	Tracks/open space	Buildings/structures	Natural environment	Other actions
Path	Signage: directional, compliance, interpretative	Improve function and appearance of road crossings and entrances to reserve	Viewing platform in wetlands	Creek rehabilitation and replacement of half pipe with natural creek line	Redevelopment of current planting areas taking safety considerations into account
e Access	Seating/ tables/ disabled access	Maintenance and potential widening of track	Boardwalk through wetlands	Bush and endangered species restoration	Name required
Multi Use	Improve landscaping	Tracks at minor access points	Barbecue areas	Habitat protection and restoration	Acquire RTA land
Ž	Landscape lighting		Improve road crossings	Weed removal	Accessibility focus
	Landscaping	Tracks/open space	Buildings/structures	Natural environment	Other actions
(457)	Signage: directional, compliance, interpretative	Improve drainage of Campbell Pde field	Upgrade amenities building	Replace concrete half pipe with natural creek line	Dispersal parking strategy / parking developed at Billarong Ave or Palara Pl
Why Park	Seating/ tables/ disabled access	Use Campbell Parade fields for junior soccer	Upgrade and enhance playground	Habitat protection and restoration	Park and playground names
Dee WI	Barbecues	Tracks at minor access points and to facilities	Extra bridge across creek	Weed removal	Pioneers memorial area
	Accessibility focus		Toilets opened once regional track developed	Increase natural shade	Vandalism deterrents



Dee Why Valley and South Creek Open Space Corridor Plan of Management Review Issues and Options Discussion Paper - Comments Page

The 'Issues and Options Discussion Paper' addresses the many issues and comments made during community and stakeholder consultation. Are there any issues missing? Have the issues been represented accurately? Are there any actions you do not agree with or ones that you think should definitely be a priority? Or do you have any ideas for the draft Plan of Management?

Please bring this form into the Civic Centre or send to Dee Why Valley and South Creek Open Space Corridor Plan of Management Review, Civic Centre, 725 Pittwater Road, Dee Why 2099.

A: Which actions should be a priority? Of all the actions proposed here which 3 do you believe are the most important and which 3 are the least important?

Most Important	Least Important
1	1
2	2
3	3

3	3
3	3
B: Is this information accurate or reflective Are there any points within this paper that require entirely accurate? If so please give details?	
C: Are there any issues not included If so please list them.	I in the Issues Discussion Paper?
1	
2	

	comments regarding any of the specific actions? th the inclusion of any of the proposed actions? Please explain your
E: Do you have any o Options Discussion F	ther comments in regards to the Issues and Paper?
Further Involvement in the sent full for you would like to be sent full following.	in this process ture correspondence regarding this project please complete the
Name:	
Address:	Post Code:
Phone: 1	Phone: 2
For more information: Call (02) 9942 2170	

Fax: (02) 9928 2460 or E-mail: blaskv@warringah.nsw.gov.au

All information included in correspondence is collected for the sole purpose of assisting in the preparation of the Plan of Management for Dee Why Valley and South Creek Open Space Corridor. Warringah Council and/or the Council's project contractors may use the information. Names and addresses of respondents will not be published by Council, but may be available to others through freedom of information requests.

Thank you for your time

Appendix G. Summary of submissions received from Issues and Options Discussion Paper Exhibition

(Exhibited from 2nd June until the 18th of June 2007)

Introduction

This document has been based on the comments page which was included in the Issues and Option Discussion Paper. There has generally been a direct listing of comments from the relevant sections however any similar areas have been groups and the number of people saying similar things has been calculated. Any submissions which did not follow the structure of the comments page have generally had their comments placed in the section E – Other comments section and not in the priority section etc. Any comments on the document, process and the project have been placed in an additional table, as have any notes on the area or Warringah as a whole.

Total number of submissions: 36.

Total number of comments pages completed: 25.

Total Number general submissions via email or mail: 11

A: Which actions should be a priority?

Of all the actions proposed here which 3 do you believe are the most important and which 3 are the least important?

Most Important		Least Important	
	Total		Total
Removing weeds	13	Development of Sports fields	3
Replanting and preservation of native vegetation and developing	9	BBQ areas	2
habitat			
Tracks and cycle ways/ shared access links	8	Lighting	2
Flood management and back stabilisation/ Stormwater, drainage	3	St Matthews Farm Seating and tables/ lease and	2
and storm water		development on southern building	
Dee Why Creek rehabilitation	3	Signage	2
Up grading of playgrounds	3	Fitness trials – often un used	2 2 2
Sporting fields and upgrades/ lights/ upgrades/	3	Removal of concrete slab in Tyagarah reserve	2
Creating picnic ground at Lidwina Reserve	2	Management of dogs	2
Regular grass maintenance and cleaning of buildings	2	Landscaping and landscape lighting	2
Parking problems at Dee Why Park/ strategy needed	2	Improvements to the southern building at St Matthews Farm	1
South Creek Foreshore actions	2	Removal of Golf course from St Creek Foreshore	1
Awareness and promotion	1	Advertising	1
New Space for Fields	1	Rubbish – people will always dump	1
Noise and antisocial behaviour at sportsground	2	Boardwalks through the wetlands	1
Acquiring additional land	2	Acquisition land from RTA and departments	1
No unleashed dogs on tracks	1	Seating will deter wildlife	1
Safety Consideration on tracks etc	1		
Seating and facilities for elderly	1		
Board walks in wetlands	1		
Council response to complaints and requests	1		
Accessibility and use of reserves	1		
Community Garden in Wabash	1		
Fitness trail	1		
Declaration of wildlife areas	1		
Use schools for more sportsgrounds	1		
New amenities building at St Matthews Farm	1		

B: Is this information accurate or reflective of the current situation

Are there any points within this paper that require further clarification or may not be considered entirely accurate? If so please give details?

Topic areas	Points
Catchment facilities	Whose role is to maintain the water quality device in McIntosh? A water garden may be ideal for this area and would also
	assist in providing a treatment train.
Dee Why Park	Parking relocation required for Dee Why Park
	Mounding needed to reduce noise at Dee Why Park
	Why have more night lights at Dee Why Park?
	Dee Why Park very sensitive area and subject to flooding
Dogs	If install doggy bins does this mean that they are official dog walking areas
Lidwina Reserve	Lidwina Reserve too small for sportsground/ put in playground, toilet and bbq
Natural areas	Not enough mention for the conservation of habitat
	Fines/ traps for cats out at night
Playgrounds	 Do not feel there are not enough playgrounds in the area – Cromer Park and St Matthews Farm need a playground
Sports grounds	 Lighting for night training should be 100 lux as training involved considerable match practice activities requiring additional lighting for safety.
	Responsible timing of lights at St Matthews farm
	Rain water tanks for St Matthews Farm
	Consideration of changing the timer on irrigation by consulting with the sports
South Creek Foreshore	 Entrance to South Creek Foreshore should be on eastern side of South Creek Rd with bridge to weir further down or down South creek road and put bridge in at Kirkstone area.
	Why spend money on eastern side of creek track in golf course when can't go on academy of sports land
Tenure	Why Wabash marked as potential land acquisition?
-	Can't find information on DA2003/ 0085
	Has the encroachment by Dee Why Bowling club been resolved?

C: Are there any issues not included in the Issues Discussion Paper?

Topic areas	Points
Community needs	Need to be aware of large number of senior citizens in area
	More consideration of youth activities
	Foot bridge in Tyagarah will need to be replaced soon
	There needs to be a quite o[pen space passive park space for the whole community
Creeks	Stability and erosion of banks at back of Bolta Place
Dee Why Park	Where are we going to put cricket nets for Dee Why Park
	No real plan for parking at Dee Why Park
	Billarong Ave is not suitable for a car park – additional traffic to area, blind spot on corner
Financials	Costs – is there any comparisons on the amount spent on sport compared to environmental initiatives
Health	Need to get the community active – more exercise stations/ motivational signs
Land	Ambleside Reserve should be included in this Plan of Manager
	Why is other Crown land in the area not included?
	Why wasn't the RTA Dee Why wetlands included as endangered
Lighting	Lighting for Multiuse pathway
	More lighting for sports grounds car parks
	Lighting required to cross bridge in Tyagarah
Natural areas	Keep cat in at night programs and domestic animals
	More rubbish bins
	Riparian zone at St Matthews needs top be maintained more regularly
	Weed eradication should include bush regeneration of endemic natives
St Matthews Farm	More lighting in south west corner of St Mathews farm
St Creek Foreshore	There is not access through to the Academy of sport land so why build a track
	Walking on the golf course is dangerous
	Current work in South Creek Foreshore should be included in the report – in Councils Bushland section
Tracks	Circuit walks/ maps/ distances
	Share pathway required along Carawa Rd linking the open space along South Creek and Dee Why

D: Do you have any comments regarding any of the specific actions?

Do you agree or disagree with the inclusion of any of the proposed actions? Please explain your response.

Topic Areas	Points
Dogs	Managing dogs – only night unleashed areas/ dogs encourage exercise/
Community Facilities	Public toilets needed around Lidwina Reserve for bush care program
	 Like inclusion of board walks and community gardens – as will bring in a sense of community to this area
	 Like idea of multi use tracks with public art, bbq area which are themed and structured
	There should no increase in formal car parking
	More consideration for lights in car parks
Creeks	Manage sedimentation of the creeks flowing into the lagoons
Dee Why Park	 Need to close off the seating area in Dee Why Park under amenities building
	Rehabilitation of habitat at Dee Why Park very important
	Tulich Park Playground needs an upgrade
	 Dispersal parking strategy at DW park - no parking at Billorong Ave – this will encourage antisocial behaviour and only
	used for 20 days per year
	 Spend money on drainage problem on eastern side of the Dee Why Creek in Dee Why Park
	Dee Why Park needs seating, tables, toilets, disabled access
	 Toilets needed in Dee Why Park – a family and disabled accessible one needed
	Agree with replacing half pipe
	 Why remove half pipe at Dee Why Park as stops erosion, looks fine and appears to work well
	 Disagree with improving drainage of Campbell parade end of Dee Why Park – it is expensive and environmentally
	damaging
	Viewing platform around eroded section of Dee why park
Land tenure/ development	Need to acquire the wetlands land in Dee Why
	Avoid development of land that would impact on the corridor – ie RTA land Dept of Planning
	Agree with all land acquisitions and development of tracks
	All boundaries should defined to assist encroachments
Lidwina Reserve	Lidwina Reserve – great for picnic area with additional plantings
Natural areas	Retain Dumic and Lidwina for riparian access
	Agree with all natural environment actions
South Creek Foreshore	Agree to remove weir
	Agree on more communications between council and golf course
	Remove lantana completely from South Creek reserve
	Agree with all south creek reserve actions

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	There should be no bridge access to golf course land
Sportsgrounds	What are the restrictions on night time usage of the grounds – games and practice
	Agree with all of St Mathews proposed actions
	Very important to replace Northern amenities building at St Matthews and that it be shared by all clubs
	Sports fields should not be directly adjacent to residential areas
Water Catchment	Water quality would improve if water flow over rock barriers such as broken weirs
Tyagarah Reserve	Agree with actions in Tyagarah reserve – please add lighting and upgrade bridge

E: Do you have any other comments in regards to the Issues and Options Discussion Paper?

Topic Areas	Points	No
Community facilities	Concrete slab be made into a skate park with input from the local kids	1
	Support Canopy trees to provide shade	1
	Support Youth facilities	1
	Engineering structures should be aesthetic and blend into the landscape	1
	Open toilet blocks for use more often	1
	Signs are essential as there is a lack of consistency and require maps etc. Consistent corporate signs through out Warringah	1
	Could Cricket nets be demountable	1
	 We must encourage wheelchairs, and suppress motor bikes and motored scooters on the tracks with signage and security cameras 	1
	 Agree with playground upgrades – Dee Why park the playground could be expanded to include the drain ditch, need some focus on disability equipment 	1
Cromer Park	Cromer Park fencing along South Creek road reinstalled to reduce vandalism	1
	Car park at Cromer Park expanded	1
	100 lux lights for field 3 and 4 at Cromer Park	1
	Synthetic turf welcomed for Cromer Park and suggests some 5 a side artificial turf	1
	Sports fields rectification program for Cromer Park 2008/ 2009	1
	Drainage required on fields 3 and 4	1
	MWFA opposed to Cromer park being a dog area and cricket nets being placed at the park	1
	Walking tracks need to be accessible for senior citizens/ vegetation controlled	1
	Public walkway in Lidwina Reserve great idea	1
	Linking tracks to all reserves is important	1
	Would like to see the track form Jamieson Park linking right through to Dee Why Park	1

Topic Areas	Points	No
	If developing tracks must take into consideration the road crossings, signage.	1
	Cromer bike area should great	1
	Board walks should have interpretative signage etc	1
Creeks	Pollutant traps needed on all water courses which discharge into the creeks	1
	Fish may not move further up the stream even if the weir was not there.	1
	Dredging works should continue into south creek	1
	Avoid car parks near creeks	1
	 Main problem is that homes have encroached too close to the creeks, drainage lines and impacted on the natural areas 	1
Dee Why Park	Mounding required to protect residents from noise in Dee Why Park	1
	Any additional footbridges should match the Palara one	1
	No car parking but use of the other streets with another bridge is a good idea	2
	Fencing and mounding along Dee Why Creek to prevent balls not favoured – mowing difficulties	1
	Cricket nets should not be near the residents at Dee Why Park	1
	 Opposed to car park on Dee Why Park – unnecessary because no one parks in the streets on that side now, will affect habitat and natural area, and affect the current lifestyle of the residents, attract more antisocial behaviour and lower house prices. A petition of 54 signatures 	4
	Alcohol free zones required at Dee Why Park	1
	Support Habitat restoration at Billarong,	2
	Campbell Ave should be for passive use only not sport and this will affect the number of cars and spectators using the field	1
	Area unsafe for pedestrians	1
	Fitness circuit for Campbell Parade end of Dee Why park linking with Multiuse pathway	1
	History shows that the Campbell Parade end of the ground is not suitable for a sports ground and will be too expensive	1
	Proposed draining to the Dee Why Park is environmentally damaging	1
	The Campbell parade end of De Why Park is too close for residents and the noise is excessive and code of conduct will not work	1
	Dee Why Amenities building - will this be set up with bbq, tables, opened public toilets and a tennis hit up wall.	1
	 The Campbell parade end of the Dee Why Park be known as Tullich park and be integrated with developments addressing people over 50, people with disabilities, role of volunteers, historic and heritage, open space and aesthetics and role of health - drawings were included. 	1
	Vandalism is a problem at Dee Why Park	1
	Lighting required on Pittwater Road side to improve lighting on field one	1
	What if the progress on the amenity improvements as approved?	1
	Can an artificial turf area be placed on the park?	1
Dogs	Dog owners should be supported not suffocated as leads to health lifestyle	1

Topic Areas	Points	No
Financials	Interested in how stage, set priorities and costs - happy to use environmental levy on this	
Health	Any recommendations to increase activity should be a priority	1
Natural areas	Concern that noting all reserves need bush regeneration is not possible due to resources etc	1
	More bush and creek regeneration required	2
	 Increase quality and quantity of mowing of reserves - including cleared areas within reserves to prevent weed infestation 	1
	Rubbish removal required in South Creek Reserve, Foreshore and Wabash	1
	Cats a problem in natural areas	1
Rubbish	Open and accessible areas might allow for more rubbish dumping	1
	Rubbish is brought into the lagoons as serve as stormwater conduits	1
	Council should employ teams to pick up rubbish or Community groups formed to collect rubbish	1
Sports grounds	Lighting for sportsgrounds should be reduced to conserve energy	1
	There are no other sportsgrounds in Warringah which have fences to residential areas	1
	School have facilities and car parking and are noting they are community friendly	2
	Overuse and allocation [problems will not be resolved until Sporting Union reviewed.	
	Junior Rugby League and Union should be encouraged to play on Mini fields to open up more full-size fields.	
	Increases in lighting have not taken the impact on the environment/ Solar lights??	2
St Matthews Farm	St Matthews Farm – all clubs deserve equal right at the ground, all improvements should be for the kids.	1
	St Mathews Farm – agree with all proposals to improve the reserve.	2
	St Mathews Farm – amenities building would benefit. Include tennis hit walls,	2
	St Matthews Farm – management committee welcomed	
South Creek Foreshore	 Dangerous to have track on western side of South Creek in Golf Course – need track on other side with bridge near lagoon mouth 	2
	Golf Club wishes to work with Council to improve management of area	1
	Chain and padlock removed from the gate at weir as people think it is locked	1
	Bridge should be built to replace weir	1
	 Pedestrian bridge on northern side of the road bridge and path from north to south under Toronto Bridge 	
	 The signs at the Golf Course are inadequate and be replaced informing people that they have access etc 	1
	 Support track in the western side of the creek in the PO land to the academy of sport land and the development of a track around Narrabeen 	1
	 Golf Club should inform members about the public land and right of access to avoid the abuse members give to the public 	1
Tenure/ Land	Why is the Redhill estate reserve not in this plan	1
	Agree with protection of public land and the incorporation of all land for potential acquisition	1

Topic Areas	Points	No
	 RTA wetlands should be included in this plan – if not all actions in vicinity need to take the wetlands into consideration. Significant concern on the reduction of the size and functionality of the area was expressed. 	1
	Must acquire the RTA wetlands	2
	Brooker Ave should be included in this plan	1
	Fisher road added to Dumic place	1
Tracks	Easy to read one page maps to use on pathways	1
Wabash Reserve	 Not enough focus on Wabash Reserve – wetlands full of weeds, remnant market garden should remain, need tracks and cycle ways through here. 	1
Volunteers/ Education	Initiating Care for South Creek program and working in Lidwina Place Reserve with volunteers – resources required/	1
	Promote and publicise the Friends of the Bush Program more	1
	Schools need to be part of the education plan	1
	Need to encourage more people to volunteer in the area	1

Appendix H: Strategic Documents

How does this Plan relate to other Strategic Documents?

In accordance with the requirements of the *Local Government Act* 1993, Warringah Council has adopted a coordinated approach to planning. This involves development of a number of linked strategic documents under the guidance of the *Warringah PLAN 2002-2005*. This Plan of Management highlights Council's commitment to protecting Warringah's identity, high quality of life and enhancement of natural environmental, aesthetic, cultural, heritage and recreational values. Table 6: Warringah's Strategic Planning Documents, illustrates the framework for planning and this Plan's relationship to other strategic documents which share the same guiding principles.

Warringah Management Plan Strategic Plans for Service Areas Recreation Social SAFE Other Local Environment Cultural Environme Warringah Strategic al Strategy Strategy Plan Survey nt Plan Strategy **Documents** Specific Area/Need Planning Non-Urban Specific Area Community Generic Plans ΑII Youth Aged other **Plans** Area/Need **Facilities** Strategy Land Strategy of Project Review Management Management **Plans Operational Planning** Service Implementation Estuary and Reserve Grants Events and ΑII other Area flood plain Bookina Policy of S94 **Programs Policies Business** management Policy Plans Plans plans

Table 6 - Warringah Council's Strategic Planning Documents Flow Chart

Strategic Documents Used in the Preparation of this Plan

The following Council documents have been used to assist and guide the strategic outcomes of this Plan, ensuring consistency in values, principles and policies:

- Warringah's strategic plan Living Warringah
- The Warringah Strategic Plan and Warringah Management Plan 2006-2009;
- Sports in Warringah Strategy (2004);
- Warringah Local Environmental Plan 2000
- Community Facilities Management and Subsidies Policy
- Recreation Strategy Plan (1999)
- Warringah Creek Study (2004)
- Generic Sportsgrounds Plan of Management (2007)
- Playground Strategy (2007)
- Local Habitat Strategy (2007)
- Warringah PLAN 2004– 2007
- Local Environment Plan 2000
- Cultural Strategy 2007
- Environmental Strategy 2001
- Section 94 Plan 2001

Other Relevant Legislation and Policies

This Plan must also be in accordance with the provisions contained within relevant legislation and policy guidelines, including but not limited to the following:

- Environmental Planning and Assessment Act 1979.
- Local Government Act, 1993.
- Australian Heritage Commission Act 1975;
- Environment Protection and Biodiversity Conservation Act, 1999.
- Protection of the Environment Operations Act, 1997.
- Threatened Species Conservation Act 1995.
- Disability Discrimination Act 1992.
- Noxious Weeds Act 1993
- Rural Lands Protection Act 1998