



WOLLONDILLY  
SHIRE COUNCIL

*Rural Living*

# PLAN OF MANAGEMENT FOR CHURCH STREET DRAINAGE RESERVE, APPIN

**WOLLONDILLY SHIRE COUNCIL**

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## **PUBLIC EXHIBITION AND INVITATION TO MAKE SUBMISSIONS ON DRAFT PLANS**

### **Public Consultation**

This draft plan has been prepared to meet the core objectives for the management of community land pursuant to Section 36 of the Local Government Act 1993.

The Council adopted the draft plan at its meeting on 19 July 2004.

The Council is now seeking submissions in relation to this draft plan. All submissions will be considered before the plan is adopted in its final form.

### **Public Exhibition of Draft Plans of Management**

The draft plans of management may be inspected at the Council's Offices, 62-64 Menangle Street, Picton, between 8.00am and 4.00pm, Mondays to Fridays (public holidays excepted) from Tuesday 3 August 2004 until Friday 3 September 2004.

### **Invitation to Make Submissions on any or all of the Draft Plans of Management**

Any person may make a written submission in relation to any or all of the draft plans of management. Submissions will be received until 4.00pm on Friday 17 September 2004. Any written submission may become a public document.

**Enquiries may be directed to Mrs Kath McKay, Planning Coordinator Recreation and Buildings, on phone 4677 1104.**

## PLANS OF MANAGEMENT FOR COMMUNITY LANDS

### Introduction

Council is required in terms of Section 36 of the Local Government Act 1993 to prepare plans of management for its community lands.

*Please refer to the Schedule attached to this set of plans for information relating to the preparation of plans of management.*

### Other Considerations

In preparing these plans, Council has endeavoured to ensure compatibility with a range of other plans and policies previously adopted by the Council, including:

- The State of Wollondilly Report incorporating Council's Social Plan.
- Wollondilly Vision 2025 (Visions for the separate communities and the Shire as a whole).
- Local Environmental Plan 1991.
- "Supporting Communities" Plan for Community and Recreation Facilities for Wollondilly 2010.
- Stormwater Management Plans (Upper Georges River, Upper Nepean River and Wollondilly District).
- Stonequarry Creek Floodplain Management Plan.
- Strategic Management of Council's Assets Policy.

Should any specific item provided for in a community land plan of management be incompatible with existing plans or policies, then the provisions of those previously adopted plans and policies shall generally have precedence.

*Please refer to the attached Schedule for information relating to the Wollondilly Vision 2025.*

### Proposed Future Management of Community Lands

The plans outline strategies for the ongoing management of the community lands detailing Council's expectations in relation to matters such as general condition and suitability, suitability for all people regardless of physical ability, health and safety concerns, environmental concerns and cost effectiveness.

Council will continue to seek ways and means of improving its management of these lands for the benefit of the public at large. It proposes to develop a comprehensive asset management program and to continue to develop its asset maintenance program to achieve a high level of service at an affordable and sustainable cost.

Council's focus in these plans is to:

- Improve accessibility for people of all ages and levels of ability.
- Upgrade and improve existing facilities rather than build new facilities.
- Improve the standard of amenities provided.
- Improve the level of service provided.
- Address health and safety issues.
- Address environmental issues.
- Provide cost effective services.

## PART 2 – PROPERTY DETAILS

### 1. LAND SUBJECT TO THIS PLAN

This Plan of Management applies specifically to the drainage reserve located between Toggerai Street and Church Street, at Appin as shown in Figure 1 below.

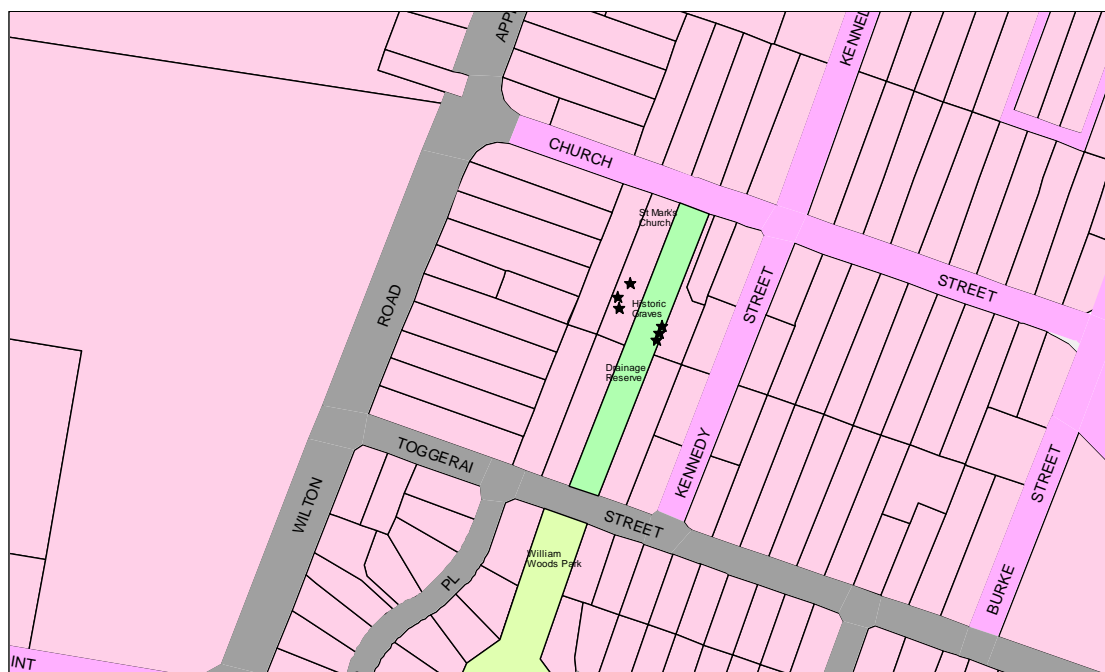
Lot 20 DP 23717

Zoning: 6(a) Open Space

Location: Appin Road, Appin

Owner: Wollondilly Shire Council

**Figure 1**



### 2. DESCRIPTION OF THE LAND AT THE TIME OF PREPARATION OF THE PLAN

The land has been formed to drain surrounding land and contain the waters of Kennedy Creek.

The land collects water from Kennedy Creek piped under William Woods Park which discharges into a culvert under Toggerai Street. It is then discharged through a second culvert under Church Street.

Kennedy Creek flows into the Georges River just five kilometres from its source southeast of Appin in the sandstone gorges on the Illawarra escarpment. The Upper Georges River supports a variety of native fish communities, many with a high conservation value.

The land adjoins private residences and St Mark's Anglican Church and Graveyard. The Church and church graveyard are listed in Schedule 1 of the Wollondilly Local Environment Plan as an item of environmental heritage. The church graveyard contains older and more modern graves.

There are some eight or nine old graves within the Council's land across the creek and suggestions (as yet unsubstantiated) that there may be other graves that have subsided into the land on the church side of the creek.

The land looked generally unkempt, with long grass, weed infestation and introduced exotic plants. The land appeared soft and spongy.

### **3. LAND STATUS AND OWNERSHIP**

The land is freehold Council owned land classified as "community" land in terms of sections 27 and clause 6 of Schedule 7 of the Local Government Act 1993.

### **4. LAND CLASSIFICATION**

The land is classified as "community land" in terms of Section 27 and clause 6 of Schedule 7 of the Local Government Act 1993.

### **5. CURRENT MANAGEMENT REGIME**

Council currently manages the land and facilities. A conservative management regime has been adopted to date, comprising periodic mowing of the long grass to reduce any potential fire hazard and to also assist the flow of the water.

To date, Council has managed the land only as a drainage reserve and has not taken any measures to manage the heritage values of the historic graves found on the land.

### **6. CONDITION OF THE LAND AND STRUCTURES ON ADOPTION OF THE PLAN**

The land was overgrown with long grass and weeds. Well defined banks exist for the length of the land.

There were culverts at either end of the creek. These were generally well maintained although more frequent cleaning is required to reduce the built up of weeds which could choke the entrances.

There were some eight or nine old graves with sandstone headstones being remnants of the early St Mark's Church cemetery.



## **7. LAYOUT OF EXISTING FACILITIES**

Attached as **Appendix 1** is a plan showing the layout of the facilities at the time of adoption of the plan.

## **8. USE OF THE LAND AT THE DATE OF ADOPTION OF THE PLAN**

The land was used as a stormwater drain collecting stormwater from the environs and discharging it into Kennedy Creek.

It appeared also to be used to collect discharge from adjoining resident's stormwater systems. .

## **PART 3 – MANAGEMENT ISSUES**

### **1. COUNCIL’S STATEMENT OF PURPOSE**

*To create opportunities in partnership with the community. To enhance the quality of life and the environment, by managing growth and providing services and facilities of the highest quality.*

### **2. WOLLONDILLY VISION 2025**

Derived from community workshops held in February and March 2003 Council adopted " A Vision for Wollondilly 2025" incorporating nine separate visions covering all aspects of the Shire’s future having regard to the lifestyle needs of the residents through to the uniqueness of the rural countryside and the various towns and villages.

The Vision provides Council with a framework to develop new strategies and policies and to guide the organisation so that it can effectively play its vital role in the delivery of the Vision.

Visions 1 and 7 are particularly relevant for the management of community lands and Crown Reserves under the care and control of the Council.

*Please refer to the attached Schedule for details of the Visions and Vision Strategies that particularly affect Council managed land.*

### **3. RECREATION DEMAND AND OPPORTUNITIES**

A preliminary pre-publication Summary Report on the Western Sydney Regional Recreation Demand and Opportunities Study has identified, among other things, that the following issues affect the acquisition and/or development of future recreational assets.

#### **Demand for Informal Use of Parks**

*Note: Refer to Key Vision Strategy 7.1*

#### **Demand for Access to Water (Visual and Physical)**

*Note: Refer to Key Vision Strategy 7.8*

#### **Demand for Interaction with Nature**

*Note: Refer to Key Vision Strategy 7.2*

#### **Connections and Travel on Trails and Routes**

*Note: Refer to Key Vision Strategies 7.4 and 7.7.*

## 4. OTHER EXPRESSED DEMANDS AND OPPORTUNITIES

### Targeting Youth

*Note: Refer to Key Vision Strategy 7.5*

### Targeting People with a Disability

*Note: Refer to Key Vision Strategy 7.1*

### Targeting People from Non English Speaking Backgrounds

*Note: Refer to Key Vision Strategy 7.1*

### Cultural and Civic Spaces

*Note: Refer to Key Vision Strategy 7.5*

### Demand for Sports Facilities

“Existing facilities should where necessary be upgraded and demand managed through greater use of mid week competitions and multi purpose use of grounds between seasons and sports types.”

*Note: Refer to Key Vision Strategy 7.5*

## 5. SUCCESS FACTORS

Council has identified a number of factors, which contribute towards the success of public places. The first four key qualities affect particularly the users of the place; the fifth factor, value for money, affects both users and providers.

- Access and Linkages
- Comfort and Image
- Uses and Activities
- Sociability
- Value for Money

*Please refer to the attached Schedule for further information about the key success factors identified.*

## PART 4 – MANAGEMENT OBJECTIVES

### 1. LAND “CATEGORISATION”

Categories reflect land use and/or physical characteristics of the land. Categorisation is intended to focus attention on the essential nature of the land and how best that may be managed.

Section 36(4) of the Local Government Act prescribes that community land is to categorised as one or more of the following:

- (a) a natural area
- (b) a sports ground
- (c) a park
- (d) an area of cultural significance
- (e) general community use

Note: One parcel can be categorised as to its parts provided the parts are clearly identified (not necessarily surveyed).

*Please refer to the Schedule attached to this set of plans for information on the categorisation of community land.*

Council proposes that the land should be categorised as “a natural area – watercourse” reflecting its natural values and (in part) as “an area of cultural significance” because of its close association with the early history of Appin and the St Mark’s Anglican Church and graveyard. It will also be managed as a stormwater drainage reserve.

### 2. PLAN SHOWING PROPOSED LAND “CATEGORIES”

The land in this plan is to be “categorised” as a natural area – watercourse and also, in part, as an area of cultural significance as shown in **Figure 2** below.

**Figure 2**



### 3. CORE OBJECTIVES FOR THE MANAGEMENT OF COMMUNITY LAND

The Local Government Act prescribes “core objectives” for managing community land according to its category. These core objectives help councils to focus on the essential aspects of each area of land and to determine key performance targets.

#### A Natural Area

The core objectives for community land categorised as a natural area is:

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

**Note:** Councils have limited discretion in relation to the categorisation of land as “a natural area”

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

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

**Area of Cultural Significance**

The core objectives for management of community land categorised as an area of cultural significance are to retain and enhance the cultural significance of the area (namely its Aboriginal, aesthetic, archaeological, historical, technical or research or social significance) for past, present or future generations by the active use of conservation methods.

Those conservation methods may include any or all of the following methods:

- (a) the continuous protective care and maintenance of the physical material of the land or of the context and setting of the area of cultural significance,
- (b) the restoration of the land, that is, the returning of the existing physical material of the land to a known earlier state by removing accretions or by reassembling existing components without the introduction of new material,
- (c) the reconstruction of the land, that is, the returning of the land as nearly as possible to a known earlier state,
- (d) the adaptive reuse of the land, that is, the enhancement or reinforcement of the cultural significance of the land by the introduction of sympathetic alterations or additions to allow compatible uses (that is, uses that involve no changes to the cultural significance of the physical material of the area, or uses that involve changes that are substantially reversible or changes that require a minimum impact),
- (e) the preservation of the land, that is, the maintenance of the physical material of the land in its existing state and the retardation of deterioration of the land.

A reference to land includes a reference to any buildings erected on the land.

Note: Councils have limited discretion in relation to the categorisation of land as “an area of cultural significance”.

## 4. COUNCIL'S OTHER OBJECTIVES

1. To manage the creek and riparian land as a stormwater drain.
1. Public Safety and Risk Management
2. Bushfire Hazard Management
3. Traffic hazard management on the land
4. Economically sustainable development
5. Community development – developing social capital

## 5. THREATENED SPECIES LAW

The land does not contain any threatened native vegetation.

The Upper Georges River Stormwater Management Plan states as follows:

### ***“3.3.7 Amphibians***

*Two threatened amphibians have been found in the Upper Georges catchment that have conservation significance. They are the following:*

- *Red-crowned Toadlet (Pseudophryne australis) (NPWS 1997; Axis 1995); and*
- *Giant Burrowing Frog (Heleioporus australiacus) (Axis 1995).*

*The Green and Golden Bell Frog (Litoria aurea) is known to exist in the region, and may also occur in the ponds and swamps (Axis 1995). Areas in the catchment where threatened species are most likely to occur include:*

- *Swamps in the O'Hares Creek Catchment (which includes the Dharawal Reserves);*
- *Gully forests along the drainage lines and the Georges River;*
- *The Sandstone Woodland/heath; and*
- *The Heath Complex. “*

While Council has no knowledge of the presence of any threatened amphibian species on the land, it will ensure that their presence is investigated before any development works are undertaken and appropriate measures taken if they are detected.

## 6. OTHER LEGISLATION

### **Part 3A of the Rivers and Foreshores Improvement Act 1948.**

This Act provides for the protection of “protected waters”. Protected waters include rivers. Kennedy Creek (whether modified or not) meets the definition of a river in terms of this Act. It also provides for “protected land”, including land that is not less than 40 metres from the top of the bank or shore of protected waters (measured horizontally from the top of the bank or shore).

A permit is required for the removal of material including vegetation from the banks of a river or from any adjoining, adjacent or nearby lands.

## **NSW Heritage Act 1977**

Section 139 of the NSW Heritage Act 1977 provides that a person must not disturb or excavate any land having reasonable cause to suspect that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed unless the disturbance or excavation is carried out in accordance with an excavation permit from the Heritage Council.

## **1. FUTURE USE OF THE LAND**

### **1. PROPOSED FUTURE USES**

The Council intends to continue to use the land to drain surrounding land and to contain the course of Kennedy Creek.

It proposes also to manage the land as a natural area- watercourse and an area of cultural significance in accordance with the core objectives prescribed in the Local Government Act 1993.

Council proposes to treat the stormwater flowing from Appin into Kennedy Creek through a variety of innovative stormwater treatment devices as funds become available.

The plan permits the construction of a shared pathway through the land subject to further investigation and subject to funding.

## **2. FUTURE USE AND DEVELOPMENT OF THE LAND**

### **1. Schedule of Permitted Uses and Permitted Development**

Attached as **Appendix 2** is a schedule in terms of Section 36(3A)(b) specifying the purposes for which the land and any existing buildings or improvements will be permitted to be used, the purposes for which any further development of the land will be permitted whether under lease or licence or otherwise and the scale and intensity of any such permitted use or intensity.

### **2. Management Strategies and Performance Measures**

Council has prepared strategies to enable it to effectively manage this land, and has established some means of measuring its performance. The strategy plan is attached as **Appendix 3**.

### **3. Master Plan**

Council has not prepared a master plan for the land. As it will be subject to detailed design work first for the creek improvement works and then for the proposed future shared pathway.



#### **4. Development Plan**

Attached as **Appendix 4** is a proposed development plan, which outlines proposed future development. As all future capital expenditure must be able to be justified in terms of the Strategic Management of Council's Assets Policy and is subject to detailed design and to the availability of funding, Council is unable to provide more than an indicative time frame or a "rough order" estimate of costs for these proposed future works.

### **3. LEASES LICENCES AND OTHER ESTATES**

This Plan of Management expressly authorises the granting of such estates or easements over the land as may be required to protect infrastructural services (water, wastewater, stormwater, electrical and telephone lines and the like) installed in, on or above the land subject to the provisions of sections 45 and 46 of the Local Government Act 1993.

Applications for the grant of an estate or an easement will be considered by Council on their merit.

Because of the nature of the land and its important drainage and heritage values, Council does not propose to issue any lease or licence for use of this land unless for the express purpose of managing the land in accordance with the plan.

### **4. APPROVALS FOR WORKS ON THE LAND**

#### **1. Wollondilly Local Environment Plan 1991**

The land is zoned Residential 2(a) zone.

Any development on the land must be in accordance with the objectives and permitted works applying to that zone.

#### **2. Rivers and Foreshores Improvement Act 1948.**

The land is protected land and a permit is required for the excavation or removal of material including vegetation from the banks of a river or from any adjoining, adjacent or nearby lands.

#### **3. NSW Heritage Act 1977**

A permit is required for the disturbance or excavation of the land if there is reasonable cause to suspect a relic could be discovered or disturbed.

#### **4. Local Government Act 1993 – Section 68, Part D**

The Local Government Act provides that the following activities may be permitted on community land only with the prior consent of the Council in writing.

- Engage in a trade or business (such as operating market stalls)
- Direct or procure a theatrical, musical or other entertainment for the public

- Construct a temporary enclosure for the purpose of entertainment
- For fee or reward, play a musical instrument or sing
- Set up, operate or use a loudspeaker or sound amplifying device
- Deliver a public address or hold a religious service or public meeting

Due to the nature of the land and its residential zoning, Council does not anticipate any such requests.

## **5. Advertising and Signage**

The erection or display of advertising and signage within New South Wales is subject to State Environmental Policy No 64 – Advertising and Signage.

- (1) This Policy applies to all signage:
- (a) that, under another environmental planning instrument that applies to the signage, can be displayed with or without development consent; and
  - (b) is visible from any public place or public reserve;

except as provided by this Policy.

### **Note:**

Public place and public reserve are defined in section 4 (1) of the Act to have the same meanings as in the Local Government Act 1993.

- (2) This Policy does not apply to signage that, or the display of which, is exempt development under an environmental planning instrument that applies to it.

## **6. Prohibited Activities**

This plan prohibits the following activities on this land:

- Discharge of grey water or other wastewater or any other contaminant or pollutant into the creek or onto the land.
- Discharge of stormwater without authorisation.
- Depositing of any waste materials, including green wastes and biodegradable materials.
- Unauthorised excavation on or under the land.
- Unauthorised removal of any plant materials.
- Interference with any bird or animal species.
- Interference with or removal of any artefact or other matter from the historic graves unless specific consent has been granted by the Heritage Council or its authorised agents.
- Any activity that is contrary to a notice erected by the Council (Section 632 Local Government Act 1993).

*Appendix 1 - Existing Layout Plan*

**Appendix 2 - Permitted Uses and Development (subject to development consent if required).**

Purposes for which the land and any existing buildings or improvements will be permitted to be used.(Sec 36(3A)(b)(i))	Purposes for which any further development of the land will be permitted whether under lease or licence or otherwise.(Sec 36 (3A)(b)(ii))	The scale and intensity of any such permitted use or development. (Sec 36(3A)(b)(iii))
<ul style="list-style-type: none"> <li>• Stormwater drainage</li> <li>• Stormwater treatment devices</li>   <li>• Infrastructural service installations</li> <li>• Natural watercourse</li> <li>• Native faunal habitat (if any)</li>   <li>• Heritage grave site</li>   <li>• Bushfire hazard reduction works</li> </ul>	<ul style="list-style-type: none"> <li>• Stormwater drainage improvement works</li> <li>• Stormwater treatment device installation</li>   <li>• Infrastructural services installation</li>   <li>• Protection or conservation of heritage items</li> </ul>	<ul style="list-style-type: none"> <li>• As required to improve drainage and to protect the natural values of Kennedy Creek and to install a shared pathway, but subject to immediate cessation of work pending advice from the Heritage Council of New South Wales should an historic relic be exposed or damaged during the development or improvement works.</li> </ul>

**Appendix 3 - Management Strategies and Performance Measures**

<b>Key Vision Strategies &amp; Management Objectives</b>	<b>Proposed Practical Steps to be Taken (subject to funding)</b>	<b>Success Factors (Universal Values)</b>	<b>Performance Measures</b>
<b>WATERCOURSE</b>			
<p>Conserve biodiversity and maintain ecosystem function in Kennedy Creek.</p> <p>S.2.5 Implement water sensitive management tools and best practice planning guidelines and controls for protection of water catchment and riparian lands.</p>	<p>1(a) Treat the stormwater flowing from Appin into Kennedy Creek through a variety of innovative stormwater treatment devices (as funds become available) and as detailed under “Council’s other objectives for the watercourse – management as a stormwater drain”</p>	<p>Uses and Activities</p>	<p>1(a) A free flowing creek able to progress the flow of water draining into it and improved biodiversity in Kennedy Creek</p>
<p><b>PROVIDE FOR THE RESTORATION AND REGENERATION OF THE LAND</b></p> <p>S1.1 Support the restoration of native vegetation on private and public lands</p>	<p>2(a) Subject to the availability of skilled labour, remove weeds and replace them with local provenant native species where appropriate.</p>		<p>2(a) Improved terrestrial and aquatic biodiversity which will be monitored using aquatic macroinvertebrates and riparian transects.</p>
<p>To assist in and facilitate the implementation of any provisions restricting the use and management of the land that are set out in a recovery plan or threat abatement plan.</p>	<p>3(a) Publish notices in the Council publications or other local newspaper when any such plans are prepared, advising of the restrictions</p>		<p>3(a) Notices published when such plans are prepared, advising of the restrictions.</p>

Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (Universal Values)	Performance Measures
To provide for community use of and access to the land in such a manner as will minimise and mitigate any disturbance caused by human intrusion.	4(a) Permit the construction of a shared pathway through the land subject to detailed investigation to ensure that the construction will not impact adversely on the natural or heritage values of the land.	Uses and Activities, Access and Linkages	4(a) No evidence of disturbance of natural or heritage values of the land.
To manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and water flows. S 2.1 .Implement biodiversity strategies to rehabilitate and revegetate creek and river corridors and tributaries.	5(a) Treat stormwater flowing into the creek and progressively remove the exotic aquatic plants from the creek.		5(a) Stormwater treatment plan adopted and implemented.
To restore the degraded watercourse	6(a) Remove restrictions such as rubbish and weeds, keep culverts clear and implement a stormwater treatment plan.		6(a) Free flow of water through the land and improved water quality (refer to performance measure 7(b) below).
To manage the land as a public storm water drain.	7(a) Continue to use the land and the creek to drain surrounding land and to convey stormwater.		6(a) Retention of creek as a public stormwater drain.

Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (universal values)	Performance Measures
	7(b) Continue to protect the watercourse by requiring persons wishing to discharge stormwater into the creek to first obtain a discharge permit to which conditions will be attached.		7(b) No unauthorised discharge into the creek.
To treat the stormwater flowing from Appin into Kennedy Creek through a variety of innovative stormwater treatment devices as funds become available	8(a) Commission a comprehensive investigation and design scoping study that identifies all factors associated with stormwater pollution in Kennedy Creek including weed removal, revegetation works, flooding and the preservation of heritage items that are found within the creek.		8(a) Adoption of a scoping study within twelve months of adoption of the plan.
	8(b) Construct gross pollutant traps and pit baskets at strategic locations throughout the catchment		8(b) Less pollutants entering Kennedy Creek and the Upper Georges River catchment. This will be measured by the volume (m3) of pollutants removed from the traps.

Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (universal values)	Performance Measures
	<p>8(c) Construct secondary treatment devices recommended to Council through the design study. (Council believes a sand filter device could be utilised however the exact control measures will be determined by the study).</p>		<p>8(c) Improved water quality discharging from Kennedy Creek into the Georges River. This will be monitored at water quality sampling points upstream and downstream from the Kennedy Creek confluence with the Georges River.</p>
	<p>8(d) Design and implement a community based stormwater education project and to mount an education campaign to accompany the construction program.</p> <p><i>Explanation:</i></p> <p><i>The implementation of a locally specific stormwater education campaign will lead to greater community awareness of the stormwater pollution issue. This has shown to be the case in a similar project undertaken within the Shire in The Oaks village</i></p>		<p>8(d) Reduction in volume of pollutants removed from the pollutant traps and greater community awareness of the issue of stormwater pollution. This will be monitored using a specifically designed pre and post project survey to be sent directly to each household in Appin.</p>



Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (universal values)	Performance Measures
<b>AN AREA OF CULTURAL SIGNIFICANCE</b>			
Retain and enhance the cultural significance of the area; S 3.5 Implement a strategy for Wollondilly's heritage that identifies protects and manages the Non-Aboriginal heritage within the Shire.	9(a) Council proposes to develop and implement a heritage management strategy for the Shire.	Uses and Activities	9(a) Strategy developed and implemented.
	9(b) Clear the land around the graves of weeds or exotic vegetation		9(b) Grave site is clean and tidy and clear of weeds.
	9(c) Erect a heritage sign or plaque on the land advising of the need to preserve the old headstones and respect the area as an historic burial site.		9(c) Sign erected.
Protect and maintain the context and setting of the area of cultural significance	10(a) Take measures to protect the graves and surrounding land against accidental damage when any works are undertaken on the land.	Uses and Activities, Comfort and Image	10(a) No damage to graves arising from other works on the land.

Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (universal values)	Performance Measures
Allow low impact compatible uses of the land to enhance or reinforce its cultural significance.	10(b) Refer to 4(a) above		10(b) Refer to 4(a) above.
<b>COUNCIL'S OTHER OBJECTIVES</b>			
<b>Public Safety and Risk Management</b> Adequately address all public safety and risk management issues.	11(a) Ensure that any works undertaken do not increase the risk to users of the land.	Comfort and Image	11(a) No complaints about the condition of the land or any vegetation or about the condition of any infrastructure (such as a pathway) on the land increasing public risk.
<b>Bushfire Hazard Management</b> To specifically provide for the management of bushfire hazards on the land.  S1.1 Take account of Bushfire Hazard Management Guidelines or Policies	12(a) Regularly mow the grass to reduce the bushfire hazard.	Comfort and Image	12(a) Grass does not present a fire hazard.
	12(b) Abide by the provisions of the Wollondilly Bush Fire Risk Management Plan insofar as the management of bush fire hazards on Council's community land is concerned.		12(b) Management of bushfire hazards is in accordance with the Bush Fire Risk Management Plan as adopted.

Key Vision Strategies & Management Objectives	Proposed Practical Steps to be Taken (subject to funding)	Success Factors (universal values)	Performance Measures
	12(c) Prepare a bushfire risk management plan for Council's community lands/Crown reserves.		12(c) Bushfire risk management plan adopted and implemented.
	12(d) Comply with asset protection zones and strategic fire advantage zones in line with the Bushfire Environmental Assessment Code 2003.		12(d) No complaints of asset protection zones or strategic fire advantage zones being non-compliant.
<p><b>Traffic Management</b></p> <p>To provide for safe pedestrian and vehicular traffic within the land.</p>	13(a) Erect bollards and a gate at both ends of the land to restrict vehicular access to Council's maintenance vehicles..	Access and Linkages	13(a) No reports of incidents arising from the use of vehicular traffic on the land.
<p><b>Economically Sustainable Development</b></p> <p>To ensure that any new landscape design and construction is in line with the Council's commitment to economically sustainable</p>	14(a) Use low maintenance native plants and low maintenance materials wherever practicable.	Value for Money	14(a) Ongoing maintenance of the land requires little effort and is cost effective.

**Appendix 4 - Draft Development Plan**

<b>Item</b>	<b>Action</b>		<b>Capital Cost (estimate)</b>	<b>Priority</b>
1(a)	Install stormwater treatment devices in Kennedy Creek		Not yet estimated	High
2(a)	Remove exotic plants and replant with natives		\$10,000	Medium
4(a)	Construct shared pathway		\$80,000	Low
8(a)	Commission investigation and design scoping study		\$30,000	High
8(b)	Construct gross pollutant traps and pit baskets		\$25,000	High
8(c)	Construct secondary treatment devices		\$100,000	Medium
8(d)	Design and implement a stormwater education project		\$10,000	Medium
9(c)	Erect heritage sign on land		\$2,000	Low
13(a)	Install bollards and gates to restrict vehicular access		\$5,000	Medium

