

Basis for Management

3.1 Consultation

This Plan of Management was prepared based on a community consultation program designed to identify the community's long term visions and aspirations for the site and determine the issues of importance to the community relevant to the reserve areas. Community visions, aspirations and issues were identified through two community workshops. The first workshop, held on 13 March 2002, was designed primarily to determine the community's visions and aspirations for the site along with the identification of significant issues that needed to be addressed. The second workshop, held on 12 December 2002, involved the presentation of the draft Plan of Management and Landscape Master Plan for preliminary community comment to ensure that all issues were appropriately addressed and that the community's vision for the site was reflected in the management actions of the Plan and the associated Landscape Master Plan.

The consultation program also involved discussions and workshop activities with representatives from State Government agencies and Shoalhaven City Council, along with submissions from the broader community.

The issues raised during the consultation program, along with other matters relevant to the development of the Plan of Management, are discussed below, with associated management actions detailed in Section 5.

3.2 Values

From the consultation undertaken, it is apparent that Greys Beach and The Grotto have a number of important values for the community. These relate to their principle functions as a recreational area and natural area respectively. The values of the reserves identified through community consultation are:

Recreation

Greys Beach and The Grotto provide numerous opportunities for a range of active and passive recreation pursuits for locals and tourists. They serve a wide range of water, bushland and park related activities including, fishing, boating and water skiing, picnicking, walking, art and site seeing. The recreational values of Greys Beach and The Grotto are significant to the Shoalhaven and are highly valued by the community.

Social and Economic

The scenic and aesthetic qualities of Greys Beach and The Grotto are significant as they provide opportunities to relax from urban pressures within a short distance of the Nowra and North Nowra town centres. The use of Greys Beach and The Grotto for social gatherings and recreation contributes to the identity and well being of the community. The community values the natural beauty of the reserve and such areas are a major tourism resource, contributing to the local economy. Given the social value of the natural areas within Greys Beach and The Grotto, it is important that they are conserved.

Natural and Conservation

Greys Beach and The Grotto are significant in that they contain escarpment and foreshore environments within close proximity. The Grotto contains a range of significant vegetation, providing habitat for a wide variety of fauna. The reserve area is particularly valuable as it assists in the maintenance of biodiversity and in the conservation of the often unique flora and fauna associated with escarpment and foreshore areas.

Cultural Heritage

Greys Beach and The Grotto have significance to both the local Aboriginal and European communities as both Aboriginal and European people are known to have used the area. In particular, Europeans utilised the reserves for farming and recreational activities, with items of European cultural heritage located in The Grotto. The maintenance of Aboriginal and European heritage values of the site is important to the identity of the reserve area and the community.

Scenic

The environment in and around Greys Beach and The Grotto is characterised by the interface between the Shoalhaven River, rock escarpments and forested foreshore areas which combine to create particularly high scenic values in the reserve area.

Educational and Scientific

The natural areas within Greys Beach and The Grotto provide opportunities for education and scientific research. The area provides an opportunity to gain a further understanding of the mixed escarpment and foreshore environment and such opportunities should be maximised and made available to current and future generations.

3.3 Community Vision and Aspirations

The preparation of this Plan of Management has been driven by the visions and aspirations of the local community. Based on the community consultation undertaken in preparing this Plan, the community's aspiration for the site is:

To continue to use Greys Beach and The Grotto as multi-functional recreation areas (with a focus on the river) and to ensure that these areas are suitable for use by the entire community. More specifically, the community desires improved access, improved maintenance, improved recreational facilities and retention of the natural qualities of the area.

These community aspirations form the basis of the Plan of Management.

3.4 Permissible Uses

The Greys Beach and The Grotto reserve is to be improved and/or used for:

- general community recreation, both active and passive;
- regional festival activities;
- low intensity commercial activities consistent with the Plan of Management;
- activities and works associated with the installation or maintenance of public utilities; and
- other uses approved by Council and consistent with the Plan of Management.

The above permissible uses are described in more detail in the Management Framework and Action Plan.

3.5 Management Areas

Greys Beach and The Grotto are generally treated as a single entity for the purposes of this Plan. However, in addition to a range of management actions common to both areas, a range of specific management actions for each area have also been developed given that Greys Beach is intended as an icon park and will function as the primary recreation area in the reserve system, with The Grotto being maintained as a natural area.

3.6 Legislative and Policy Framework

Given that the Greys Beach and The Grotto reserves consist of both Community Land and Crown Land, both the *Local Government Act 1993* and the *Crown Lands Act 1989* apply to the preparation of this Plan.

The *Local Government Act 1993* is the principle legislation that applies to the management and use of Council owned land. Council land that is classified as 'Community Land' (i.e. for community use) must have a Plan of Management, which must categorise land as either a natural area, a sportsground, a park, an area of cultural significance, or an area of general community use. Further, it must identify the category of land, objectives and performance targets for the land, the means proposed to achieve identified

objectives and methods to assess performance in implementing the Plan's objectives. The requirements of the *Local Government Act 1993* are set out in Table 3.1 below.

Table 3.1 Requirements of the Local Government Act with Respect to the Management of Community Lands

Local Government Act Requirement for Plans of Management	Section of this Plan where the matter is addressed
<i>Categorise the Land</i>	2.2 & 3.6
<i>Contain Objectives for the Management of the Land</i>	4 and 5
<i>Contain Performance Targets</i>	5
<i>Specify the Means of Achieving the Objectives and Performance Targets</i>	5
<i>Specify How Achievement of the Objectives and Performance Targets is to be Assessed</i>	5
<i>Describe the Condition of the Land as at the Adoption of the Plan</i>	2.2
<i>Describe the Buildings on the Land as at Adoption</i>	2.2
<i>Describe the Use of the Buildings and the Land as at Adoption</i>	2.2
<i>State the Purposes for Which the Land will be Allowed to be Used, and the Scale and Intensity of that Use</i>	3.4 & 5

As detailed in Section 2.1, the reserve contains Community Land categorised as Natural Areas and General Community Use. It also contains Crown Land and land classed as "Operational Land" for the purpose of the *Local Government Act*.

The core objectives for the management of the community land under the *Local Government Act 1993* are contained in Table 3.2 below. These objectives overarch all management actions contained within this Plan that relate to lands categorised as Natural Areas or General Community Use areas.

Table 3.2 Local Government Act Objectives for Natural Areas and General Community Use areas

Category	Objectives
Natural Area	<p>(a) to conserve biodiversity and maintain ecosystem function in respect of the land, or the feature or habitat in respect of which the land is categorised as a natural area, and</p> <p>(b) to maintain the land, or that feature or habitat, in its natural state and setting, and</p> <p>(c) to provide for the restoration and regeneration of the land, and</p> <p>(d) to provide for community use of and access to the land in such a manner as will minimise and mitigate any disturbance caused by human intrusion, and</p>
Natural Area (cont)	<p>(e) to assist in and facilitate the implementation of any provisions restricting the use and management of the land that are set out in a recovery plan or threat abatement plan prepared under the <i>Threatened Species Conservation Act 1995</i> or the <i>Fisheries Management Act 1994</i>.</p>
General Community Use	<p>(a) in relation to public recreation and the physical, cultural, social and intellectual welfare or development of individual members of the public, and</p> <p>(b) in relation to purposes for which a lease, license or other estate may be granted in respect of the land (other than the provision of public utilities and works associated with or ancillary to public utilities).</p>

The *Crown Lands Act 1989* applies to Crown Land. The Act is not prescriptive about the content of a Plan of Management, but details when a plan is required and how it should be adopted.

This Plan of Management has been prepared in accordance with the requirements of the *Local Government Act 1993* and the *Crown Lands Act 1989*.

Other legislation and policy which must be considered include the:

- Environmental Planning and Assessment Act 1979;
- Protection of Environment Operations Act 1997;
- State Environmental Planning Policy No. 71 – Coastal Protection;
- Commonwealth Native Title Act 1993;
- The Fisheries Management Act 1994;
- Native Vegetation Conservation Act 1997;
- Threatened Species Conservation Act 1995;
- Rural Fires Act 1997;
- Water Management Act 2000;

- Environment Protection and Biodiversity Conservation Act 1999;
- NSW Rivers and Estuary Policy;
- River and Foreshores Improvement Act 1948;
- Crown Reserves Food & Beverage Policy;
- Shoalhaven Local Environment Plan 1985;
- Shoalhaven City Council Development Control Plans; and
- Shoalhaven City Council Recreation Strategy (1999).

A description of these, and other relevant legislation and policy, is provided in Appendix D

Council's generic plans of management for community land were also used as a guide during plan development.

Management Framework

4.1 Preamble

As outlined in Section 3.1, the community was consulted in the development of the Plan of Management. Based on discussions and workshop activities held with members of the community, State Government authorities, Shoalhaven City Council staff and other key interest groups and submissions from the broader community, the following management issues (summarised in no particular order) and goals were identified:

Table 4.1 Management Issues and Goals

Issue	Goal
Traffic and Access	<i>To improve access to and between Greys Beach and The Grotto for both pedestrians and vehicles</i>
Weed Infestation	<i>To reduce weed infestation throughout the reserve area</i>
Recreation Facilities	<i>To establish Greys Beach as an Icon Park for the Shoalhaven Region To maintain the Grotto as a high quality recreation area</i>
Maintenance	<i>To ensure that the reserve area is kept in a condition suitable for use by the community</i>
Flooding	<i>To ensure that infrastructure can withstand or be replaced at minimal cost when flooded, and that evacuation routes are unobstructed</i>
Flora and Fauna	<i>To conserve and enhance the flora and fauna attributes of the area</i>
Erosion	<i>To reduce erosion throughout the reserve area</i>
Safety	<i>To provide a safe environment for reserve visitors and users.</i>
Festival Activities	<i>To provide facilities at Greys Beach for city wide festival activities</i>
Heritage	<i>To highlight the European and Aboriginal history of the reserve area</i>
Commercial Use Opportunities	<i>To allow commercial use opportunities at Greys Beach that is compatible with recreational user needs and increases user enjoyment of the reserve</i>
Tourism	<i>To establish Greys Beach and The Grotto as a recognised and highly utilised tourist destination</i>

Please note the management goals have been developed with regard to protecting the values of the reserve identified in Section 3.2.

4.2 Traffic and Access

Future control over traffic and access is a major issue relating to the management of Greys Beach and The Grotto as it involves a number of sub issues including pedestrian access, vehicle access, car and boat trailer parking, and access for persons with disabilities.

With regard to Greys Beach, access to the site is currently only available off Illaroo Road west of North Nowra Rotary Park, via Fairway Drive that runs through a cutting in the escarpment and into Greys Beach. The internal reserve road runs the length of Greys Beach and provides access to the boat ramp, picnic areas and Nowra Golf Club. The access point to Greys Beach is of high significance as it services a range of vehicle types and provides access to Greys Beach for a range of uses. No formal pedestrian or bicycle access is provided to the reserve.

A sealed car parking area is located at the eastern end of Greys Beach near the boat ramp. However, there are no areas delineated specifically for boat trailer parking and there are no marked car parking facilities provided in the reserve. Those using the southern end of Greys Beach are able to park virtually unrestricted on grassed areas via a network of informal roads running throughout the foreshore.

Facilities for persons with disabilities are provided at Greys Beach in the form of a fully accessible amenities block and a fully accessible pontoon to facilitate access to the River. Access to the site for persons with disabilities is generally limited to cars or boats given the lack of formal pedestrian access to the site, and the steep nature of the escarpment.

The community and key interest groups identified the existing access point as being inadequate for vehicle and pedestrian access, citing safety as a concern in relation to the relatively narrow and steep access off Illaroo Road. Further, the community identified a lack of defined car and boat trailer parking spaces at Greys Beach as a significant management issue. Unlawful traffic activity such as speeding and overnight camping (i.e. caravans) was also identified as an important matter to consider within Greys Beach.

Traffic and access arrangements at Greys Beach may require further investigation following the completion of the Waterways Infrastructure Strategy and the Shoalhaven Waterways Users Study which are currently being undertaken by Council.

The Grotto is accessed primarily from several points off Yurunga Drive, but is also accessible via Rockhill Road. Walking tracks run across the top of the escarpment, linking lookout areas, with access to the foreshore area below the escarpment available via a small number of walking tracks that wind down the face of the escarpment. The foreshore area can only be accessed on foot, and the existing access tracks into the foreshore area are generally steep, meaning that the foreshore area of The Grotto is not easily accessible from the escarpment. An alternative access exists through the Nowra Golf Club on relatively flat ground and leads into the defined picnic area within The

Grotto. However, this access poses risks associated with parallel activity of golfers.

It is evident that the community requires improved access into this area. The provision of access between Greys Beach and The Grotto around, or through, the golf course would improve the link between these two areas and provide a means for highly improved and disabled access into The Grotto.

However, access via the Nowra Golf Club is problematic as an access trail would need to be protected from golf balls via fencing and a geotechnical assessment of the riverbank around the boundary of the golf course does not support the placement of a walking track along the foreshore. Alternatively, it may be possible to establish a link between Greys Beach and The Grotto along the bottom of the escarpment at the rear of the golf course. However, this option is also problematic due to the lack of available space between the playing areas of the golf course and the steep escarpment. This option would require additional investigation.

No formal parking areas currently exist at The Grotto, however, there are opportunities at the top of the escarpment near the formal entry points for formalised car parking.

4.3 Weed Infestation

Greys Beach and The Grotto have been subject to significant disturbance since European settlement in the Shoalhaven. Farming and recreational activities in the reserve have resulted in native vegetation clearing and the introduction of weed species into the area.

Several weed species are found at Greys Beach, including lantana along the riverbank and near the boat launching area. However, no significant areas of weed infestation are located within Greys Beach.

With regard to The Grotto, weed infestation is a significant management issue with many areas infested with a number of weed species. Major weed species identified in The Grotto include Lantana, Moth Vine, Morning Glory, Wandering Jew, Crofton Weed, Cobblers Pegs and Black Wattle. Weeds are found throughout The Grotto, with significant infestations evident in the vicinity of cleared areas (i.e. picnic area and near the Ski Park) and in areas of previous European activity (i.e. near the old jetty) (see Master Plan).

Local Bushcare groups currently undertake weed removal and vegetation planting in The Grotto. The Nowra Golf Club Bushcare Group is also active in the locality, undertaking vegetation restoration activities on the golf club's riverbank frontage.

The removal of weed infestations is particularly important in the reserve areas given their environmental qualities. Reducing weed infestation will facilitate the reestablishment of native species, improving fauna habitat, leading to the maintenance and improvement of the significant ecological values of the area.

Care should be taken when removing weeds from the riverbank so that the overall structural integrity of the bank is not compromised. Weed removal should occur in small sections and be replanted with appropriate native species. These replanted areas will require regular maintenance to aid their establishment prior to the removal of other small weed infested areas.

4.4 Recreation Facilities

As outlined in Section 1.6, Greys Beach and The Grotto contain facilities for a range of land and water based recreational activities. The open space and recreational qualities of the area are highly significant to the local community and for tourism.

A major objective of the Plan of Management is to establish Greys Beach as an icon park for the Shoalhaven (i.e. a major recreation area for the local community and for tourists). Given this, facilities should be provided to cater for a range of age groups. Playground equipment for children, walking/cycling tracks, facilities for active recreation, facilities for young adults and general picnicking facilities have been identified as requiring consideration in the future planning for the reserve area.

In particular, the community identified a lack of BBQ facilities at Greys Beach, and more so in The Grotto. The community also indicated concern in that there are no amenities such as toilets in The Grotto.

4.5 Maintenance

Greys Beach is currently maintained as a Category 2 reserve by Shoalhaven City Council. Category 1 and 2 parks are subject to the highest standards of maintenance employed by Council. Grassed areas are kept healthy, broadleaf weeds and bindii are controlled and the areas are regularly cleared of rubbish and mown (grass kept to 35-80 mm at Greys Beach).

The Grotto is maintained as a Category 4 reserve which only necessitates maintenance to the extent that fuel loads are kept at a safe level, noxious weeds are controlled and grass is maintained below 250 mm.

In addition to Council's maintenance activities, local Bushcare groups operate in the area, reducing weed infestation and establishing vegetation.

However, despite Council's current maintenance program in the reserve, the community was of the view that both Greys Beach and The Grotto are currently not maintained to an acceptable standard. The community indicated that Greys Beach is in need of more regular mowing and additional landscape works are required.

With respect to The Grotto, the community suggested that maintenance should be improved around the existing cleared areas of the site, with the remainder of The Grotto retained in its natural state which would include environmental improvement works aimed at controlling weed infestations.

4.6 Flooding

The areas of Greys Beach and The Grotto located below the escarpment are classified by Council as a high hazard floodway. The 1% flood level at Greys Beach ranges from 6.4 m AHD to 7.5 m AHD. Given this, it is important that facilities and infrastructure within the locality are able to withstand flooding events or be of a nature which makes them easy to replace at minimal cost.

In the event of specific flood warning for the area being issued, and the reserves are at risk of being flooded, all pedestrian and vehicle access to these reserves will be closed. Upon receiving this information all persons on these reserves will be evacuated by emergency services and the reserve closed until flooding subsides.

4.7 Flora and Fauna

Greys Beach is generally cleared of native vegetation apart from an area of Spotted Gum – Blackbutt Forest at its eastern extent in the vicinity of the boat ramp (Illustration 2.2). The riverbank is generally devoid of vegetation aside from grasses and weeds, whilst the foreshore area contains scattered trees, many of which are not endemic to the area. Therefore, Greys Beach has little habitat value for fauna species at present.

The Grotto, however, contains significant stands of Spotted Gum – Blackbutt Forest, Grey Gum – Stringybark Forest/Woodland, Fresh Juncus Rushland and Spike-rush Sedgeland (Illustration 2.3). Various rainforest species are also located within The Grotto. These vegetation stands cover the majority of The Grotto, with the area characterised by thick vegetation along the escarpment and foreshore, with a wetland area in the western portion of the reserve. In terms of fauna, The Grotto, being a relatively natural bushland area, provides significant habitat for a range of fauna, particularly given the rock, rainforest and foreshore environments contained within it. In particular, the escarpment area provides habitat for bat species, whilst the foreshore area is significant habitat for waterbirds.

The NPWS Wildlife Atlas indicates that the threatened species listed in Table 4.2 are known to occur in the general locality of the reserve area, although no threatened species have been recorded in the reserve area.

Table 4.2 Threatened Species in the Locality

Fauna	
Greater Broad-nose Bat (<i>Scoteanax rueppellii</i>)	Masked Owl (<i>Tyto novaehollandiae</i>)
Brush-tailed Rock-wallaby (<i>Petrogale penicillata</i>)	Powerful Owl (<i>Ninox strenua</i>)
Parma Wallaby (<i>Macropus parma</i>)	Glossy Black Cockatoo (<i>Calyptorhynchus lathamii</i>)
Long-nosed Potoroo (<i>Potorous tridactylus</i>)	Hooded Plover (<i>Thinornis rubricollis</i>)
Yellow-bellied Glider (<i>Petaurus australis</i>)	Bush Stone-curlew (<i>Burhinus grallarius</i>)
Koala (<i>Phascolarctos cinereus</i>)	Square-tailed Kite (<i>Lophoictinia isura</i>)
Spotted-tailed Quoll (<i>Dasyurus maculatus</i>)	Black Bittern (<i>Ixobrychus flavicollis</i>)
Pink Robin (<i>Petroica rodinogaster</i>)	Australasian Bittern (<i>Botaurus poiciloptilus</i>)
Regent Honeyeater (<i>Xanthomyza phrygia</i>)	Freckled Duck (<i>Stictonetta naevosa</i>)
	Giant Burrowing Frog (<i>Heleioporus australiacus</i>)
Flora	
Bomaderry Zieria (<i>Zieria baeverlaii</i>)	Leafless Tongue-orchid (<i>Crypto stylis hunteriana</i>)
Nowra Heath-myrtle (<i>Triplarina nowraensis</i>)	Eucalyptus langleyi (<i>Nowra malee</i>)

Several Rare or Threatened Australian Plants (ROTAP) species have also been recorded in the locality and include *Acacia subtilinervis*, *Genoplesium baueri*, *Leptospermum epacridoideum*, *Grevillea macleayana*, *Leptospermum sejunctum* and *Rulingia hermanniifolia*.

The significance of the ecological values of the site in environmental and social terms has been reinforced by the community who identified the retention of flora and fauna in the locality as being of importance. Further, the community indicated that they value the natural and peaceful characteristics of the reserve area. Given the social and ecological values associated with flora and fauna on the site, vegetated areas along with other environments suitable for fauna habitat (e.g. escarpment) should be conserved. Such areas are not considered suitable for intensive landscape changes and should be maintained in their natural state.

4.8 Erosion

It is evident that both riverbank erosion and erosion of walking tracks is occurring in the reserve area. With regard to riverbank erosion, a geotechnical report relating to the reserve foreshore found that the riverbank is subject to erosion which undermines the stability of the bank.

In terms of existing walking tracks at The Grotto, stormwater flows combined with the steep nature of the trails provides an ideal environment for erosion to occur. As a result, some walkways are becoming degraded. Therefore, the erosion of walking tracks down the escarpment at The Grotto is an issue requiring an ongoing management commitment.

4.9 Safety

The issue of safety relates to a number of matters including the risk of falls and injury, vandalism, fire hazards, water hazards, traffic and golf ball hazards. Safety issues with regard to falls and injury relate mainly to The Grotto where a number of lookouts and tracks are located on the escarpment. Lookout areas are currently fenced and signage is located in the area to alert site users of dangers. The walking tracks from the top of the escarpment to The Grotto are also areas of safety risk as they are generally steep. As with tracks at the top of the escarpment, signage is provided to alert users of risks.

Consolidation of the existing safety and directional signage system would be appropriate to reduce risk. This approach is supported by Council's April 2001 report on walking tracks at The Grotto.

The vandalism of facilities at Greys Beach has been cited as an ongoing problem. Strategies to reduce the appeal of Greys Beach to vandals may be useful in reducing negative activities in the area.

In terms of lighting, the community indicated that the reserve area is not well lit at night. Increased night lighting may improve the appeal of the area and reduce vandalism.

Fire hazards are also present in the reserve area. In particular, The Grotto is subject to fire hazard given the vegetation present. Bushfire risks should be minimised through maintenance activities so as to not expose reserve users to avoidable fire hazard.

Water hazards include the boat ramp and drain areas at Greys Beach along with the river foreshore. Signage encouraging water safety should be erected and the drain area at Greys Beach could be filled to reduce water hazards in the reserve.

For traffic, Greys Beach is a shared zone between vehicles and pedestrians. Strategies need to be implemented to protect pedestrians from vehicles and ensure that vehicle usage is not unnecessarily impeded by pedestrian activity. A balance between vehicle and pedestrian uses must be identified.

The proximity of the Nowra Golf Course to Greys Beach also presents a safety issue requiring consideration. The close proximity of open golf fairway areas to Greys Beach may result in golf balls being hit into public recreational lands. This may result in personal injury or damage to property (e.g. vehicles) for people using the reserve. Council and the Nowra Golf Club should work together to develop a risk management strategy and mitigation measures such as fencing and/or vegetation screening to address this matter.

4.10 Festival activities

Accommodating festival activities in the Greys Beach area has been highlighted as a significant issue for the reserve. Greys Beach provides a unique gateway to the Shoalhaven River and provides for the launching of watercraft to facilitate a range of water sports. Greys Beach also provides a serviced viewing area for the public to engage in festival activities. Management strategies need to be developed to ensure the ongoing use of the site for festival activities. Such activities may also improve the areas status as an icon park.

Given the traffic and access constraints of Greys Beach the reserve has a limited carrying capacity to host large activities and events. Dependent on the proposed festival, appropriate arrangements would need to consider and manage issues such as river access for boating, parking and access to the golf course. Festival applications for Greys Beach should be assessed on a case by case basis to ensure that arrangements can meet the above issues.

The Grotto is less suitable for festival uses and viewing given that it is relatively heavily vegetated. Therefore, it would be more appropriate to concentrate festival activities in the Greys Beach area, leaving The Grotto to function primarily as a natural area for walking or passive recreation activities.

4.11 Heritage

Greys Beach and The Grotto are known to have Aboriginal and European cultural heritage values. Greys Beach was farmed between the early 1900s and 1953 when the land was purchased for the Nowra Golf Club and recreational purposes. Boat building also occurred in the early 1900s. Greys Beach functioned as a popular camping area through the 1900s, with Council developing the Riverbank Caravan Park on the site in 1956. The camping and caravan park areas were removed in the 1990s following flooding of the site. No remnants of previous farming, recreational or boat building activities are visible within Greys Beach.

The Grotto was also farmed during the 1900s with the remnants of market gardens and an orchard still visible on the site. The caves in the escarpment were also significant to early European settlers as they provided shelter for those living on the farm in times of flood. An old wharf was also located within The Grotto and may have facilitated the removal of cedar from the area.

Aboriginal communities are also known to have utilised the area in the past. The NPWS's Aboriginal Sites Register indicates that two artefacts have been found at Greys Beach, with two artefacts and artwork identified in The Grotto. In more recent history, an Aboriginal man is known to have lived in the caves at the base of the escarpment in the reserve area. In addition, the area between the divided portions of Yurunga Drive is currently the subject of Aboriginal Land Claims. Therefore, management actions within The Grotto should be sensitive to the interests of the local Aboriginal community.

The introduction of the Commonwealth Native Title legislation in 1993 recognised the existence of native title and made provision for Aborigines and Torres Strait Islanders to lodge claims over Crown land. The legislation also sets out the requirements for the Crown and appointed Crown reserve trusts in dealing with Crown land in the future unless it can be clearly established that any native title rights and interests that may have existed have been extinguished.

Native title may have been extinguished over parts or the whole of this Crown reserve by the construction of authorised public works or by lawful use of the land that is wholly inconsistent with the continuation of native title rights and interests. It is the responsibility of the Trust to ensure that, prior to any works being undertaken in accordance with the Plan of Management, the issue of native title is addressed.

The Greys Beach and The Grotto reserves are not currently the subject of a Native Title Claim.

European and Aboriginal cultural relics should be preserved as part of the management of the reserve area, with both the European and Aboriginal history associated with the site providing an opportunity to educate the community through signage and provide a cultural theme for the area.

4.12 Commercial Use Opportunities

There are currently no commercial facilities available to users of Greys Beach and The Grotto aside from the Nowra Golf Club. Site users must leave the reserve area in order to access commercial facilities in North Nowra.

Given the unique environment of the reserve area provided by the escarpment and the Shoalhaven River, opportunity exists to combine recreational activities with commercial uses which are consistent with the nature and character of the area. Such commercial enterprise may be beneficial to the management of Greys Beach in that operators may be able to assist in the maintenance of portions of the site.

Any commercial facility must be consistent with the reservation of public recreation, provide a service to the users of the reserve and be mobile. The mobile requirement will enable a facility to be removed off the site when not required or when specific flood warnings for the area are issued.

Potential commercial use opportunities may include a temporary (drive on/drive off) kiosk/café facility or other activities such as boating, sale of bait, tackle, etc. To facilitate such a service a hardstand area with road access is required.

Subject to further investigations, a proposed commercial use such as a temporary kiosk/café facility would seat up to twenty people and provide takeaway food, drinks, etc for the enjoyment of users of the reserve. It is not intended that the facility will be the main attractor to the reserve but remain

incidental, and the reserve will remain the main focus in line with the Crown reserve Food and Beverage policy.

Any proposed commercial use of Greys Beach (Crown reserve) would require approval of the Minister administering the Crown Lands Act and the relevant Council approvals and permits.

Given that The Grotto is largely a natural area and that the community has indicated a desire to retain the ecological qualities of the site, pursuit of commercial activities within the reserve area should be restricted to Greys Beach only.

4.13 Tourism

The Shoalhaven experiences high volumes of tourists annually. Tourists visit the region for its natural qualities and recreational opportunities. As a result, the reserve area has significant potential to be an integral component of the natural and recreational tourism network within the Shoalhaven Local Government Area. In particular, Greys Beach has the potential to be a major land and water based recreational facility for the Shoalhaven region and The Grotto has potential to accommodate tourists wishing to experience the natural qualities and scenic values of the locality.

The significance of tourism to the local community and the Shoalhaven region is an important consideration in planning for Greys Beach and The Grotto.

5

Action Plan

This section of the plan sets out management objectives, actions, targets, indicators, cost and responsibilities with regard to each issue. Each goal in this plan is aimed at protecting the community values previously identified in this Plan of Management (Section 3 – Basis for Management)

The Action Strategy is framed to incorporate requirements of the *Local Government Act 1993* (i.e. objectives, performance targets, means of achievement and assessment criteria), and the *Crown Lands Act 1989* and more detailed information about how the strategy will be implemented. Components of the Action Strategy are defined as follows:

COMPONENT	DEFINITION
Issue	<i>Defines the primary issue. For each issue a generic goal is identified</i>
Management Objective*	<i>Intended to expand upon the generic goal by relating to management issues specifically identified for the land</i>
Performance Target*	<i>Quantitative Targets that are set to achieve Management Objectives</i>
Means of Achievement*	<i>More detailed steps needed to meet the Performance Target</i>
Performance Indicator*	<i>Quantifiable measure that may be used to assess the extent to which a Performance Target has been met</i>
Priority	<i>Each Management Action is provided with a timeframe to demonstrate priority. (High – complete within 1-2 years, Medium – complete within 2 to 5 years, Low – complete in 5 years or more as resources become available)</i>
Cost	<i>A broad estimate for planning purposes, subject to detailed design. (Very Low (LL) < \$20,000, Low (L) \$20,000 - \$50,000), Medium (M) \$50,000 to \$100,000, High (H) \$100,000 to \$250,000, Very High (HH) > \$250,000)</i>

** These components are required by Local Government Act 1993*

Table 5.1 Traffic and Access Management					
Goal: To improve access to and between Greys Beach and The Grotto					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach</i>					
Improve pedestrian safety for access to Greys Beach from Illaroo Road.	Separation between cars and pedestrians on the access road.	Investigate options presented in Appendix A for improved shared access to and from Greys Beach.	Detailed investigations with respect to the provision of a defined pedestrian/cycleway way into Greys Beach.	Medium	L
Improve safety for pedestrian movements within Greys Beach.	Established pedestrian crossing points across vehicle circulation areas.	Implement pedestrian crossing points as shown on the Master Plan.	Provision of defined pedestrian crossing points.	Medium	LL
Rationalise internal roadways.	Provide clearly identifiable roadways within the area based on existing alignments.	Implement the vehicle circulation and car parking layout shown in the Master Plan, providing a defined vehicle circulation system, with holding bays for boating traffic.	Clear separation between roads and grassed recreation areas. Provision of signed roadways and marked temporary parking bays for vehicles and boats trailers. Defined car parking areas for those using Greys Beach and those using the Nowra Golf Club.	High	H
Rationalise car and boat trailer parking.	Formalised car parking areas within Greys Beach for cars and boat trailers.	Implement the vehicle circulation and car parking layout shown in the Master Plan, providing for increased and defined car, boat and disabled parking.	Marked parking bays delineating those available for boat trailers and those available for vehicles. Provision of defined disabled access car parking bays near the existing amenities block and recreational areas.	High	H

Table 5.1 Traffic and Access Management

Goal: To improve access to and between Greys Beach and The Grotto					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Provide access between Greys Beach and The Grotto.	Define a link between Greys Beach and The Grotto.	Consider the broad options shown on the Master Plan for an accessway between the reserves. Continue discussion with the Nowra Golf Club to discuss management arrangements that could facilitate a defined accessway between the reserves.	Detailed investigations with respect to the provision of a pedestrian walkway between Greys Beach and The Grotto	Medium	L
Reduce traffic speed.	Establish a vehicle speed limit of 40 km/h. Establish Greys Beach as a shared vehicle and pedestrian zone.	Implement signage and traffic calming systems in appropriate locations.	Erection of speed limit and shared access zone signs. Construction of traffic calming devices.	High	LL
Provide for improved disabled access into and within Greys Beach.	Greys Beach fully accessible to all members of the community.	Implement the car parking layout in accordance with the Master Plan. Provision of fully accessible pathway and timber deck facilities in accordance with the Master Plan. Investigate the provision of a fully accessible walk/cycleway into Greys Beach.	Provision of formal disabled car parking bays. Provision of a fully accessible pathway and timber deck areas. Detailed investigation into the provision of a fully accessible pedestrian/cycle pathway into Greys Beach from Illaroo Road.	Medium - High	M

Table 5.1 Traffic and Access Management					
Goal: To improve access to and between Greys Beach and The Grotto					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>The Grotto</i>					
Provide adequate car parking at the top of the escarpment.	Formalised car parking areas on Yurunga Drive.	Provide formal car parking spaces at the main entry points to The Grotto as shown on the Master Plan.	Marked car parking bays at significant entry points to walking tracks.	Low	LL
Improve access into The Grotto.	Formal and accessible walking trails.	Investigate provision of a walkway between Greys Beach and The Grotto (see Master Plan). Establish safe formal walking tracks and close informal dangerous tracks. Provide access for persons with disabilities to an existing viewing platform on the escarpment (see Master Plan).	Detailed investigations into the provision of a pedestrian walkway between Greys Beach and The Grotto. Establishment of formal walking tracks and a fully accessible viewing platform above the escarpment.	Medium	M

Table 5.2 Weed Management

Goal: To reduce weed infestation throughout the reserve area					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach and The Grotto</i>					
Control weed species to assist regeneration of native flora species.	Reduce prevalence of weed species in the reserve area.	Implement the weed control plan contained in Appendix B.	Removal of weed species and regeneration of native vegetation.	Medium	L
Increase Bushcare activities within the area.	Reduce prevalence of weed species within the reserve area. Revegetate weed infested areas with native vegetation.	Encourage Bushcare groups to continue and expand activities in accordance with best practice landcare native vegetation regeneration actions. Cease the planting of non endemic species in regeneration areas.	Removal of weed species and regeneration of native vegetation.	Medium	LL

Table 5.3 Recreation Facilities Management

Goals:					
To establish Greys Beach as an Icon Park for the Shoalhaven Region					
To maintain The Grotto as a high quality natural recreational area					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach</i>					
Develop a theme for Greys Beach based on natural site features	Establishment of infrastructure and facilities that reflect the natural and recreational qualities of the reserve.	Implementation of the themed elements of the Master Plan, including: <ul style="list-style-type: none"> ▪ River promenade ▪ River amphitheatre. Provision of information signage at the entrance to Greys Beach highlighting the natural, historical and recreational qualities of the site.	Completion of the riverside promenade and amphitheatre. Implementation of an information signage system.	High - Medium	H

Table 5.3 Recreation Facilities Management

Goals: To establish Greys Beach as an Icon Park for the Shoalhaven Region
To maintain The Grotto as a high quality natural recreational area

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Improve the level of facilities available at Greys Beach.	A range of facilities suitable for use by all age groups. Facilities that complement the natural and recreational values of the site. Development Greys Beach as a recreational destination. All recreation facilities to be sited at least two metres from the top of the riverbank.	Construction of: <ul style="list-style-type: none"> ▪ additional formalised car parking facilities ▪ a formal pedestrian/cycle way ▪ promenade ▪ an amphitheatre ▪ two additional timber deck fishing areas ▪ additional BBQs, seating and designated picnicking areas ▪ a children's playground ▪ fitness trail ▪ kiosk / café hardstand area. Implementation of the relevant components of the Master Plan for Greys Beach relating to improved facilities.	Construction and implementation of the facilities components of the Master Plan. All recreation facilities to be sited at least two metres from the top of the riverbank.	High	HH
Improve facilities available for children.	Children's playground and bicycle track.	Construct an integrated playground at Greys Beach as shown on the Master Plan.	Provision of a childrens playground and bicycle track.	High	L

Table 5.3 Recreation Facilities Management

Goals: To establish Greys Beach as an Icon Park for the Shoalhaven Region
To maintain The Grotto as a high quality natural recreational area

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Avoid conflict between different site uses.	Accommodate all appropriate recreational uses within the reserve area.	Implement the Master Plan which accommodates the range of recreational activities viable at Greys Beach, whilst providing for delineation between the various water and land based activities and passive and active recreation. Erect signage highlighting areas used for fishing and boating.	Establishment of precinct areas for particular recreational activities.	High	LL
Provide improved facilities for water based recreation.	Additional boat tie up points. Improved access to the boat ramp.	Provide timber fishing platforms and formal car parking and traffic circulation (including boat trailer holding bays) as shown in the Master Plan.	Provision of two additional timber deck fishing areas, including boat tie up points Marked car and boat parking bays and formalised traffic circulation arrangements.	High	H

Table 5.3 Recreation Facilities Management

Goals: To establish Greys Beach as an Icon Park for the Shoalhaven Region
To maintain The Grotto as a high quality natural recreational area

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Provide for improved disabled access into and within Greys Beach.	Greys Beach fully accessible to all members of the community.	<p>Implement the car parking layout in accordance with the Master Plan.</p> <p>Provide formal pedestrian crossing points as shown in the Master Plan to provide access to the amenities building from other areas within the reserve.</p> <p>Construct fully accessible pathway and timber deck facilities in accordance with the Master Plan.</p> <p>Investigate the provision of a fully accessible accessway into Greys Beach (see Master Plan).</p>	<p>Provision of formal disabled car parking bays.</p> <p>Provision of a fully accessible pathway and timber deck areas.</p> <p>Detailed investigation into the provision of a fully accessible pedestrian/cycle pathway into Greys Beach from Illaroo Road.</p>	Low – Medium	M

Table 5.3 Recreation Facilities Management					
Goals:					
To establish Greys Beach as an Icon Park for the Shoalhaven Region					
To maintain The Grotto as a high quality natural recreational area					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>The Grotto</i>					
Improve the level of facilities available for recreational use within The Grotto without impacting on the natural values of the area.	A formalised picnic area.	Provide seating and gas fired BBQs in accordance with the Master Plan. Upgrade the existing picnic area as shown in the Master Plan.	Provision of new seating and gas fired BBQs. Provision of a formalised picnic area.	Low	M
Improve walking trails within The Grotto.	Formal walking trails, both on top of the escarpment and through the foreshore area of the reserve.	Formalise the walking trails shown on the Master Plan. Create destinations for walking track users to move between. Create a new walking trail through The Grotto connecting the eastern and western ends of the reserve. Cover formal trails with gravel (or similar).	Provision of formalised walking trails in The Grotto. Provision of signage to mark significant destinations along the walking trails.	Low	LL

Table 5.4 Maintenance Management

Goal: To ensure that the reserve area is kept in a condition suitable for use by the community

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Greys Beach					
Provide a high standard of maintenance at Greys Beach.	Maintain the environment and facilities at Greys Beach to facilitate continual recreational use of the site. Have Greys Beach recognised as a well maintained, clean, well serviced recreational area.	Maintenance of Greys Beach as a Category 1 reserve under Council's maintenance policy. Encourage Bushcare Groups to assist Council in the maintenance of the reserve.	Healthy grass, low levels of weed infestation (no bindii and less than 10% broadleaf weed growth), even surface, turf length between 35mm and 60 mm (maximum 50mm beyond hard edging), repair of bare patches, no use of herbicides around trees or posts, regular litter removal.	Medium	L (on a per annum basis)
Reduce bushfire hazards within the reserve.	Minimal bushfire risk in the vicinity of picnicking areas.	Ensure that recreational areas are consistently kept mown and that access tracks are kept clear of vegetation. Erect signs advising that the lighting of fires is not permitted.	Turf length between 35mm and 60 mm, litter and debris free environment.	High	LL (on a per annum basis)

Table 5.4 Maintenance Management					
Goal: To ensure that the reserve area is kept in a condition suitable for use by the community					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>The Grotto</i>					
Provide a standard of maintenance in The Grotto that facilitates site access consistent with the natural character of the area.	Retain and enhance existing vegetated areas in the reserve. Retain the cleared area within The Grotto for passive recreational purposes.	Implement the weed management program detailed in Appendix B. Maintain the existing cleared area as a Category 3 reserve under Council's maintenance policy. Investigate opportunities for improved access for maintenance vehicles into The Grotto.	Healthy grass, less than 30% weed cover in grass cover, turf length between 50mm and 100mm (maximum 75 mm beyond hard edging), repair bare areas in excess on 1m ² , regular litter removal.	Medium	L (on a per annum basis)
Reduce bushfire hazard within the reserve.	Minimal bushfire risk around the existing picnic area. No open fires within The Grotto.	Maintain The Grotto as a Category 3 reserve. Regularly reduce fuel loads around the picnic area. Provide only gas fired or electric BBQs within the picnic area. Clear access tracks of vegetation and debris. Erect signs indicating that open fires are not permitted.	Turf length between 50mm and 100mm. Access tracks free of debris. Restrictions on open fires. Low fuel loads.	Medium	LL (on a per annum basis)

Table 5.5 Flooding Management

Goal: To ensure that infrastructure can withstand or be replaced at minimal cost when flooded, and that evacuation routes are unobstructed					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach and The Grotto</i>					
Provide facilities within the reserve area which are able to tolerate flooding.	Minimal asset losses within the reserve area due to flood impacts.	Provide facilities in accordance with those shown on the Master Plan. Flood tolerant materials and facilities to be utilised for all future site improvements.	Asset losses due to flood events and replacement costs.	High	L
Provide unobstructed flood evacuation routes.	Ensure that vehicle and pedestrian routes remain accessible to both reserves.	Should road or track maintenance be undertaken an unobstructed evacuation route will be provided (if the reserve remains open to the public).	In the event of a road or walking track undergoing maintenance, at least one unobstructed evacuation route will be signed to facilitate public access (if the reserve remains open to the public).	High	LL

Table 5.6 Flora and Fauna Management

Goal: To conserve and enhance the flora and fauna attributes of the area

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach and The Grotto</i>					
Retain and enhance native vegetation	Retention of all significant native vegetation in The Grotto. Retention or replacement of all significant native vegetation at Greys Beach. Increase in the area and diversity of native vegetation at Greys Beach. Reduction in the levels of weed infestation.	Undertake site improvements at The Grotto within existing cleared areas only. Replace native vegetation where it is necessary for it to be removed to facilitate site improvements at Greys Beach. Implement vegetation plantings at Greys Beach in accordance with the Master Plan. All landscape plantings to be endemic to the local area. Implement the weed management plan contained in Appendix B Provide signage to educate site users of the value of the native vegetation in the reserve area.	Area of native vegetation. Plantings of new native vegetation. Reduction in weed infestation. Provision of educational signage.	Medium	M

Table 5.6 Flora and Fauna Management

Goal: To conserve and enhance the flora and fauna attributes of the area

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Enhance habitat available for native fauna.	<p>Retain all significant native vegetation in The Grotto.</p> <p>Retain or replace all significant native vegetation at Greys Beach.</p> <p>Increase the area and range of native vegetation at Greys Beach.</p> <p>Reduce levels of weed infestation.</p>	<p>Implement the weed management plan contained in Appendix B to encourage regrowth of native flora.</p> <p>Implement vegetation plantings at Greys Beach in accordance with the Master Plan. All landscape plantings to be endemic to the local area.</p> <p>Provide formalised walking tracks through The Grotto and close and rehabilitate informal tracks.</p> <p>Formalise car parking areas at significant track entry points into The Grotto to direct users to these areas.</p>	<p>Area of native vegetation.</p> <p>Plantings of new native vegetation.</p> <p>Reduction in weed infestation.</p> <p>Closure and rehabilitation of informal walking tracks.</p>	Medium	M

Table 5.7 Erosion Management

Goal: To reduce erosion throughout the reserve area					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach and The Grotto</i>					
Improve the stability of the riverbank.	Replace existing vegetation cover on the foreshore by 10% per annum.	Progressively remove and replace weed species on the riverbank with native plant species suitable for bank stabilisation in accordance with best practice foreshore restoration.	Area of Riverbank rehabilitated with native bank stabilising vegetation.	Medium	L
Minimise erosion of walking tracks caused by stormwater.	No further degradation of walking tracks.	Surface formal walking tracks with gravel (or similar) or boardwalks. Provide minor drainage channels parallel to walking tracks to collect and divert runoff. Close and rehabilitate informal walking tracks.	Reduction in degradation of walking tracks.	Medium	L
Minimise erosion of walking tracks caused by human activities.	No further degradation of walking tracks.	Designate formal walking tracks and surface with gravel overlay (or similar). Provide signage to direct users along designated tracks. Close informal walking tracks.	Reduction of degradation of walking tracks.	Medium	L

Table 5.8 Safety Management

Goal: To provide a safe environment for reserve visitors and users					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach</i>					
Reduce vandalism.	Reduce asset destruction and degradation. Reduce unlawful vehicle activity.	Erect additional low level lighting at Greys Beach. Implement traffic calming devices to deter unlawful uses of the area. Erect signage encouraging people to report incidences of vandalism. Facilitate the development of a café on the foreshore. Encourage increased evening/night usage of the site to increase surveillance through the implementation of the Master Plan. Vegetation planting to allow for passive visual surveillance.	Reduction in the level of vandalism.	Medium	M

Table 5.8 Safety Management

Goal: To provide a safe environment for reserve visitors and users

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Provide a safe area for recreation activities.	<p>Increase the appeal of Greys Beach for day and night time recreational pursuits.</p> <p>Reduce the hazard presented to Greys Beach users by golf balls leaving the golf course area.</p> <p>Reduce drainage hazards to users of Greys Beach.</p>	<p>Erect additional low level lighting at Greys Beach, particularly along the foreshore promenade and between the existing amenities and the amphitheatre.</p> <p>Facilitate the development of a café on the foreshore.</p> <p>Provide landscape plantings that do not reduce casual surveillance opportunities.</p> <p>Provide a public phone.</p> <p>Investigate risk management options/ strategies including fencing and/or vegetation screening along the northern side of Fairway Drive to reduce the hazard associated with golf balls leaving the golf course area.</p> <p>Reduce drainage hazards by reclaiming the open drain that divides the reserve.</p>	<p>Increase in the level of lawful day and night usage.</p> <p>Provision of mitigation measures to reduce golf balls entering the Greys Beach reserve by the Nowra Golf Club and Council.</p> <p>Opened drain filled and the reserve land reclaimed.</p>	Medium	M

Table 5.8 Safety Management

Goal: To provide a safe environment for reserve visitors and users

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Provide for the safe movement of pedestrians within the site.	Establish movement systems in areas of conflicting uses (e.g., areas shared by vehicles and pedestrians, swimmers and boats).	<p>Consider options presented in Appendix A for improved shared access to and from Greys Beach.</p> <p>Provide defined pedestrian walkways and road crossing points as shown on the Master Plan.</p> <p>Provide signage indicating that the area is a shared pedestrian and traffic zone.</p> <p>Provision of signage delineating boating and fishing areas.</p>	<p>Detailed investigations with respect to the provision of a defined pedestrian/cycleway way into Greys Beach.</p> <p>Provision of defined pedestrian crossing points and walkways.</p> <p>Provision of signage.</p>	Medium	L

Table 5.8 Safety Management

Goal: To provide a safe environment for reserve visitors and users

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
The Grotto					
Provide for the safe movement of pedestrians within the site.	Improved standard of walking trail, accessway and lookout safety.	Provide formalised walking tracks treated for erosion. Close informal and dangerous walking tracks. Maintain fencing around lookout areas. Erect signage warning of safety dangers using international symbols (include signage at major entry points highlighting night dangers).	Improvements in safety levels of walking tracks. Continued maintenance of fenced lookout areas. Closure of informal and dangerous tracks. Erection of safety signage.	High	L
Reduce bushfire hazard.	Minimal bushfire hazard near picnic area No open fires within the reserve Maintain a property protection along Yurunga Drive in accordance with Shoalhaven District Bushfire Management Committee – Bush Fire Risk Management Plan.	Maintain The Grotto as a Category 3 reserve. Provide only gas fired BBQs within the picnic area. Clear access tracks of vegetation and debris. Erect signs indicating that open fires are not permitted. Investigate opportunities for improved access for maintenance/emergency services vehicles into The Grotto. Provide a clear firebreak of 1.5m from the road shoulder of Yurunga Drive.	Maintain turf length between 50mm and 100mm. Access tracks free of debris. Restrictions on open fire. Maintain a clear firebreak of 1.5m from the road shoulder of Yurunga Drive.	Medium - High	L (on a per annum basis)

Table 5.9 Festival Management

Goal: To provide facilities at Greys Beach for city wide festival activities

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Greys Beach					
Provide festival activities at Greys Beach.	Continued use of site for festival activities such as the Shoalhaven River Fest.	<p>Provide improved facilities in accordance with the Plan of Management to encourage increased recreational usage of the site.</p> <p>Provide a central gathering point for festival administration and displays.</p> <p>Promote Greys Beach as an Icon Park with supporting site facilities and landscaping.</p> <p>Provide limited parking and circulation in accordance with the Master Plan.</p> <p>Provide area along the riverbank for river viewing as shown on the Master Plan.</p> <p>Festival applications for Greys Beach should be assessed on a case by case basis to ensure that arrangements manage issues such as river access for boating, parking and access to the golf course.</p>	<p>Continued usage of the site for the Shoalhaven River Fest and similar events.</p> <p>Provision of car parking and recreation facilities in accordance with the Master Plan. Additional off site car parking should be supported.</p> <p>Implementation of a Traffic Management Plan.</p>	High	H

Table 5.10 Heritage Management

Goal: To highlight the European and Aboriginal history of the reserve area					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach and The Grotto</i>					
Protect areas of Aboriginal cultural significance.	Highlight areas of Aboriginal cultural significance where appropriate to the Local Aboriginal Community. Protect sensitive areas of Aboriginal cultural significance from degradation.	Ensure areas of Aboriginal cultural significance remain relatively undisturbed through measures acceptable to Council and the Local Aboriginal Land Council. Liaison between Shoalhaven City Council and the Local Aboriginal Land Council. Erection of signage along an interpretive trail to educate the community about the presence and significance of Aboriginal cultural sites, where deemed appropriate by the Local Aboriginal Land Council (see Master Plan).	Erection of educational signage. Conservation of sensitive Aboriginal sites.	Medium	LL
Protect areas of European heritage in the locality.	Establish a signage system highlighting the European history of the reserve area.	Erection of signage along an interpretive trail to educate the community about the presence and significance of European cultural history (see Master Plan).	Erection of educational signage.	Low	LL

Table 5.11 Commercial Use Opportunities Management

Goal: To allow commercial use opportunities at Greys Beach that is compatible with recreational user needs and increases user enjoyment of the reserve

Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
<i>Greys Beach</i>					
Provide commercial use opportunities at Greys Beach.	Establish commercial use opportunities at Greys Beach that are compatible with recreational user needs and increases user enjoyment of the reserve.	<p>Subject to further investigations encourage a temporary (drive on/drive off) kiosk/café facility with supporting hardstand area, road access and seating for up to twenty people.</p> <p>The temporary (drive on/drive off) kiosk/café facility to be sited near or on the site shown on the Landscape Master Plan.</p> <p>Encourage a commercial user to take on reserve management responsibilities in the vicinity of their premise. Responsibilities could include general maintenance, funding for festival activities and contribution towards the establishment of recreation facilities in return for operating at Greys Beach.</p>	<p>Operation of a temporary (drive on/drive off) kiosk/café facility consistent with the reservation which provides a service to the users of the reserve.</p> <p>A mobile facility which can be removed off the site when not used or when specific flood warnings for the area are issued.</p> <p>A facility that will meet the requirements of the Crown reserve Food and Beverage policy and the relevant Council approvals and permits.</p>	Low - Medium	LL

Table 5.12 Tourism Management

Goal: To establish Greys Beach and The Grotto as a recognised and highly utilised tourist destination					
Management Objectives	Performance Targets	Actions / Means of Achievement	Performance Indicators	Priority	Cost
Greys Beach					
Provide improved facilities for tourist use.	Increase tourist usage of the site.	Upgrade Greys Beach in accordance with the Master Plan to provide formal walking trails, improved picnic areas, formalised car and boat parking, an amphitheatre for events, a riverside promenade, a commercial enterprise, playground equipment, signage and other defined recreational spaces. Encourage festivals at Greys Beach. Erect signage on Highways and local roads to alert travellers to the recreational facilities available at Greys Beach and its location.	Level of tourist usage.	Medium	HH
The Grotto					
Establish The Grotto as a destination for tourists seeking interaction with the natural environment.	Increase tourist usage of the site.	Improve access to the site by formalising walking tracks. Formalise car parking at the main entry points to the area. Upgrade the existing picnic area as shown on the Master Plan. Erect signage to highlight the natural qualities of the area at the main entry points to The Grotto. Erect directional signage to guide tourists to The Grotto.	Level of tourist usage.	Low	M