

Mosman Open Space Recreational Needs Assessment

About this document

This document is the Draft Mosman Open Space Recreational Needs Assessment 2014.

It follows the preparation of a Demand and Consultation findings document and the Recreation Facilities Supply analysis. These were provided previously as separate documents.

Acknowledgements

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Executive Summary

The project brief was to review the Mosman Recreational Needs Assessment prepared in 2000; the current provision, use and users of outdoor recreational facilities in Mosman, and assist Council with planning for development, improvement and maintenance of future recreation facilities in the next 10 years.

The LGA is almost completely surrounded by Sydney and Middle Harbour, with only the western boundary adjoining land. It is characterised by its high aesthetic qualities, historic significance, large areas of bushland, Crown-owned foreshore open space and a number of unmade roads. These all provide high value open space and contribute significantly to the health and wellbeing of residents and visitors. These characteristics however provide some considerable constraints in developing indoor and competitive sports facilities, which are in high demand.

There are many constraints in providing new facilities in Mosman however subject to funding more could be made of water based recreation, promotion and protection of unmade road reserves, especially for fitness access to the Harbour, trees and contact with nature. Some additional packaging, co-location and sharing of sports facilities in multisport hubs, across land management boundaries may provide additional opportunities.

The key opportunities the Council can action to assist in meeting increasing demand include the following:

Equity and Diversity: making opportunities and infrastructure more accessible to a wider range of people, with a priority focus on providing play opportunities, trails and ensuring open space and facilities are equitably distributed. This includes promoting what is accessible to people with a disability for example, to create better choices. Maintaining a good diversity of open space close to where people live is also important for healthy lifestyles and with increasing urban densities.

Programmability and Utilisation: enhancing utilisation of existing facilities on public land for a range of activities at different times of the day, and to program space not typically programmed will provide additional value to residents.

Partnerships and Resource Efficiency: Developing partnerships with adjacent councils, other land management agencies, sporting associations and schools will create more opportunities for participation, and provide efficiencies in service delivery and asset management.

Managing Capacity: Demand may need to be diverted from some locations such as Balmoral to maintain quality. Sportsgrounds capacity will need to be increased through surface enhancements and more intensive management to, accommodate more people, more often.

Asset Renewal: As assets age, there are opportunities to enhance functionality, accessibility, capacity and performance rather than replace like with like. In a number of cases strategic planning can ensure parks provide a suite of more complementary experiences and design that better integrate facilities into park settings.

1. Introduction

The project

The project brief was to review the Mosman Recreational Needs Assessment prepared in 2000; the current provision, use, users and provision of outdoor recreational facilities in Mosman, and assist Council with planning for development, improvement and maintenance of future recreation facilities in the next 10 years.

Recreation facilities were classified and analysed along with demand in those categories.

The influence of the demographic profile and changes were analysed along with potential participation based on state participation rates, NSW sports participation rates and local membership.

The community engagement process included the following:

- An online householder survey
- An online community organisations survey
- An intercept survey of users in public spaces
- Face to face interviews with adjacent Councils
- Telephone interviews with peak sporting bodies
- Telephone interviews with schools
- Telephone surveys of clubs and groups providing recreation activities in Mosman
- Calls for submissions and comments through print, social media and council website
- Workshops for residents and organisations

Context

Mosman is one suburb and a local government area located on the lower North Shore of Sydney, approximately 8 kilometres from the Sydney CBD.

The LGA is almost completely surrounded by Sydney Harbour, with only the western boundary adjoining land.

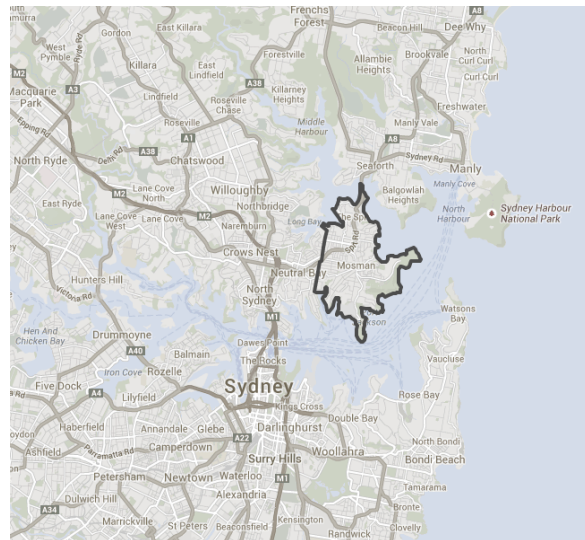


Image 1: Mosman Council LGA

Mosman is characterised by its high aesthetic qualities, waterfront location, historic significance, high property values, large areas of bushland, Crown-owned open space adjacent to the foreshore and a number of unmade roads that provide open space values. These characteristics all contribute significantly to the value of open space, as well as providing some constraints and opportunities associated with supply.

Mosman is primarily residential, with a small commercial / retail focus around Military Road.

Mosman and the harbour frontages have a very high level of significance for cultural heritage. There are a number of defence embattlements and memorials in open space along the foreshore.

This area is also a significant area for Australian art history. Artists' camps were formed at Balmoral Beach and Sirius Cove where Heidelberg School artists such as Tom Roberts regularly painted.

A high proportion of residents have a swimming pool or sports facility (such as tennis, basketball or netball court) at home.

The last plan

Key achievements from the last plan include the following:

1. Indoor and outdoor netball courts constructed in 2011(Drill Hall and Common)
2. A program of improvements to sporting reserves implemented
3. A plan for active youth: Skate park constructed in Balmoral Reserve in 2005
4. Plan for development of aquatic facilities: 25m indoor pool constructed in 2004
5. Playground upgrades completed in 2013
6. Plans of management prepared for Parks and Bushland 2012. Rawson Park 2001 Clifton Gardens 2003, The Spit Reserves 2011, Rosherville Reserve Chinamans Beach 2010
7. A review, and bike and pedestrian plans completed and projects prioritised in 2014
8. Boat / dingy racks and the locations reviewed. Three dinghy racks installed in 2007.
9. Improved access. Pedestrian Access and Mobility Plan (PAMP) completed in 2012. Key projects identified. Accessibility considered in all capital projects
10. Lighting upgrades completed on Balmoral & Rawson Ovals in 2009
11. Subsurface drainage completed at all ovals in 2013
12. Initiatives identified with Recreation Advisory Group
13. Brochure on playgrounds in Mosman completed. 2005. Web information updated regularly
14. Provided training and allocate resources that support bushcare volunteer program. Mosman Bushland Matters published 4 times per year
15. Unmade Roads Restoration Program established in 2002 and total sites works under this program in 2014 is 28.

The key actions of the last plan not yet achieved for various reasons include:

- Seek additional sporting reserves (Drill Hall Common & MBSC developed)
- Assess site options for a BMX facility (Proposed site found not suitable and the need for a BMX specific facility was reviewed)
- Reid Park Plan of Management
- Boat/ dinghy tracks and racks (Rosherville & Sirius Cove yet to be completed)
- Special disability initiatives: Access to the beaches, Play spaces, Sensory gardens, and Paths in natural areas/ foreshore
- Programs and activities that support physical activity
- Volunteers involved in sports development programs for young people

Appendix 4. lists the status of actions from the last plan.

2.1 Open space and recreation facility provision

2.1 Facility overview

This project principally concerns Council owned or managed open space and recreation facilities.

Mosman has 220 ha of open space that is owned or managed by Council or Crown agencies (see *Image 2*). Council manage 32 open spaces with a recreation function covering an area of over 17 ha. There are a further 31 ha of bushland areas managed by Council.

The major spaces are generally located at the east of the municipality or are foreshore reserves. See *Image 2*.

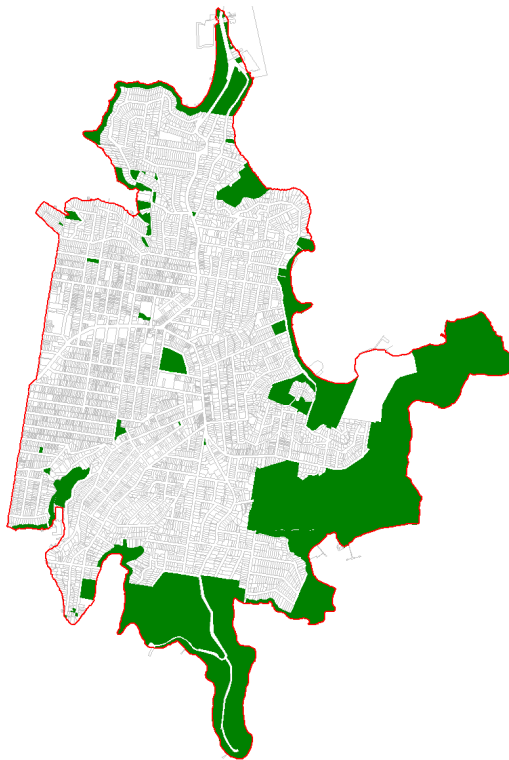


Image 2: Location of open space in Mosman

The quality of public open space and the general public domain contributes significantly to the health and wellbeing of residents and visitors. This quality is enhanced by harbour views, the presence of historic features, mature trees and vegetation, as well as the quality of adjacent housing.

Appendix 1 outlines the availability of recreation facilities in Mosman by classification.

Appendix 2 provides a list of known recreation facilities in Mosman – including those owned or managed by clubs, government agencies and the private sector.

For a small local government area there is a good range of facilities available. The following types of recreation facilities are not present in the Mosman LGA, but most are available in the broader area:

- Outdoor greens / rink sports – (golf, bocce, petanque)
- Outdoor sports courts – beach volleyball
- Outdoor sports grounds – diamond sports and target sports
- Off-road trail outdoor cycle sport facility –BMX and MTB and orienteering
- Outdoor aquatic sports facility – diving and water polo
- Outdoor climbing facility
- Outdoor motor sports
- Outdoor equestrian sports
- Indoor climbing facility
- Indoor racquet sports – squash and racquet ball
- Indoor skate/ BMX facility – skateboard, inline, scooter and BMX
- Indoor bowling sports – ten pin bowls and carpet bowls
- Indoor ice sports – ice racing, skating, curling and ice hockey
- Indoor gym/fitness/dance – gymnastics hall

Open space owned by others

The Crown owns much of the public open space in Mosman. Crown owned open space is concentrated on Mosman's foreshore and in the fingers of bushland inland. Council manages a large number of parcels of Crown land, including: Balmoral Reserve, Rosherville Reserve, Spit Reserve and Mosman Park.

Significant open space and recreation features are located in the Sydney Harbour National Park. These include:

- Cobblers Beach
- Middle Head
- Georges Head
- Chowder Bay
- Bradleys Head
- Athol Hall
- Bradleys Head amphitheatre / military relics

Within the Mosman LGA there are other significant open space / recreation facilities owned or managed by other authorities. These include:

- Sydney Harbour Federation Trust land
- Privately managed art centres, galleries, museums and community gardens
- Water based recreation facilities – e.g. boat sheds, jetties and wharfs, managed by NSW Roads and Maritime Services
- Taronga Zoo
- Church Halls are often used for community purposes such as playgroups, youth groups, and seniors' recreation activities. Scots Kirk Hall (Presbyterian Church hall is used by community groups for tai chi, Pilates and other programs)
- Recycled buildings on Sydney Harbour Federation Trust land at Georges Heights including artists studios, gyms, a dance studio, a child care centre, events centre, accommodation

Other significant open space / recreation facilities outside the Mosman LGA

Significant areas of open space and recreation facilities located close to, yet outside Mosman LGA include:

- Cammeray Golf Course (North Sydney Council)
- North Bridge Golf Course (Willoughby Council)
- St Leonards Park (North Sydney Council)
- Tunks Park / Flat Rock Gully (Willoughby Council, North Sydney Council)
- North Sydney Olympic Pool (North Sydney Council)
- Manly to Spit Walk (Manly Council)
- North Sydney Oval (North Sydney Council)
- Manly Dam (Warringah Council)

The community survey identified a number of sports and facilities that are undertaken / used outside of Mosman by Mosman residents, as these activities or facilities are not available in Mosman. These activities include: Rugby League (North Sydney and Manly) Golf (North Sydney), Basketball (Willoughby, and North Sydney), Hockey (Sydney Olympic Park, and Pennant Hills- Hornsby Shire) and Mountain Biking (Warringah)..

2.2 Open space and recreation facilities, by type

Outdoor sportsgrounds

Mosman has five sports grounds²:

- Mosman Park (Allan Border Oval)
- Balmoral Park East / West
- Georges Heights Oval
- Middle Head Oval
- Rawson Oval

All ovals except for Mosman Park are located in the east of the municipality (see Image 3).

All have been constructed as ovals (rather than as rectangular grounds). These grounds cater primarily to soccer (football), cricket, rugby, and Australian Rules football, as well as athletics, triathlon, school sports and some hockey.

There are three grounds with turf wickets, due to the level at which cricket is played in Mosman.

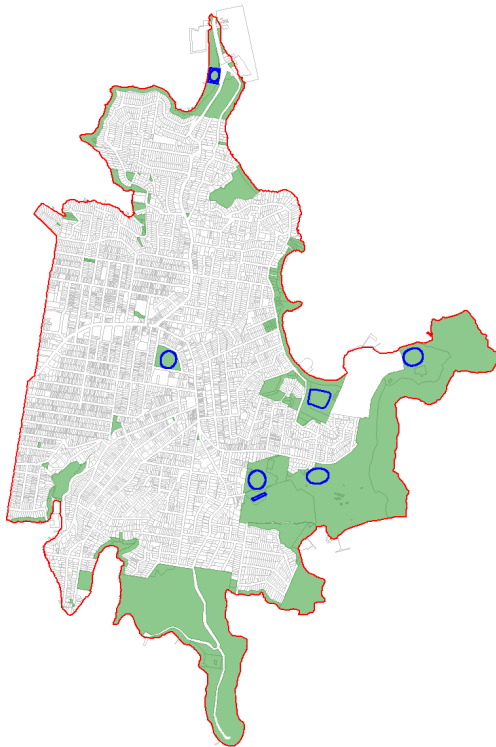


Image 3: Location of sports grounds in Mosman (in blue)

² Rosherville Park, Reid Park and The Spit Reserve are used for pre-season training and some junior sport.

Target sports

There are no known target sports such as sport shooting or archery in the LGA.

Diamond sports

Teeball have used the Middle Head Oval.

There is some suggestion that George Heights Oval is sometimes used for softball by schools.

There is no baseball played in the LGA. Mosman Baseball Club disbanded in 2009.

Outdoor greens / rink sports (e.g. croquet, lawn bowls, golf)

Mosman has two lawn bowls clubs: Warringah Bowls Mosman (two synthetic greens), and Mosman Bowls Club (two grass greens).

There is one croquet club (Mosman Croquet Club) in Mosman. Mosman Croquet Club is located on Rawson Park. Croquet NSW remarked that the Mosman Croquet Club have 'the best facilities in the State'. The Club is looking to improve all abilities access on lawns 3 and 4.

There are no golf courses in Mosman, however there are several within 5km. The nearest courses are located in North Sydney Council (Cammeray), Willoughby (Northbridge Golf Club) and Manly (Balgowlah Golf Club). In addition, there are others located in the Warringah area.

There are no facilities for bocce or petanque in Mosman.

Outdoor sports courts (e.g. netball, basketball, tennis)

Tennis

Tennis courts in Mosman include: two courts on Harbour trust land, one tennis court in Mosman High School, four synthetic tennis courts in Rawson Park (leased by the Crown to a private operator), the Mosman Lawn Tennis Club, and a private one court tennis centre at Bickell Road Mosman.

The Mosman Lawn Tennis facility is a site with 6 lawn courts. It does not have lights and further development of this facility is constrained by the residential setting.

A large number of residential dwellings have tennis courts in Mosman.

Netball

Council has a three-court outdoor netball facility at Rawson Park. This is not lit, and is not able to be used for competition due to the conditions of the lease and the Management Plan, as land is under the control of the Sydney Harbour Foundation Trust.

The indoor court at Marie Bashir Indoor Sports Centre is also suitable for netball.

Basketball

Council has one half-court basketball court in Memory Park and one in Clifton Gardens.

There are no full sized outdoor courts provided by Mosman Council and most schools do not provide public access to their courts for social use outside of school hours.

One indoor facility (Marie Bashir Indoor Sports Centre) provides basketball (and a range of other indoor activities to hirers), however this centre is not available for casual basketball use.

Parks and social, family recreation space

Social / family recreation open space provides unorganised play and social opportunities for people of different age groups and abilities. Open spaces in Mosman that provide a social / family recreational function include:

- Balmoral Foreshore/ The Esplanade
- Spit Reserve West
- Mosman Park
- Bay Street Park
- Clifton Gardens Reserve
- Countess Street Park
- Curraghbeena Park
- Hunter Park
- Reginald Street Park
- Reid Park
- Sirius Cove Reserve
- Memory Park

Children's play spaces

Recreation facilities specific to young people include 14 public playgrounds (see Image 4). Since the last plan Council has undertaken a major upgrade of its playgrounds.

Some areas of the Council area are more than 600m (considered an excessive distance to walk with children) from playgrounds. Residential areas

furthest from play spaces include those around northern Bradleys Head Rd, and the Bay St / Beauty Point Rd area.

Site inspections indicated the use of sand in a number of play spaces (which has high play value), the access to natural elements in many as well as high quality lawn areas.

However, there are few play equipment areas that are inclusive of people with a disability.

Image 4 shows the location of playgrounds in Mosman.

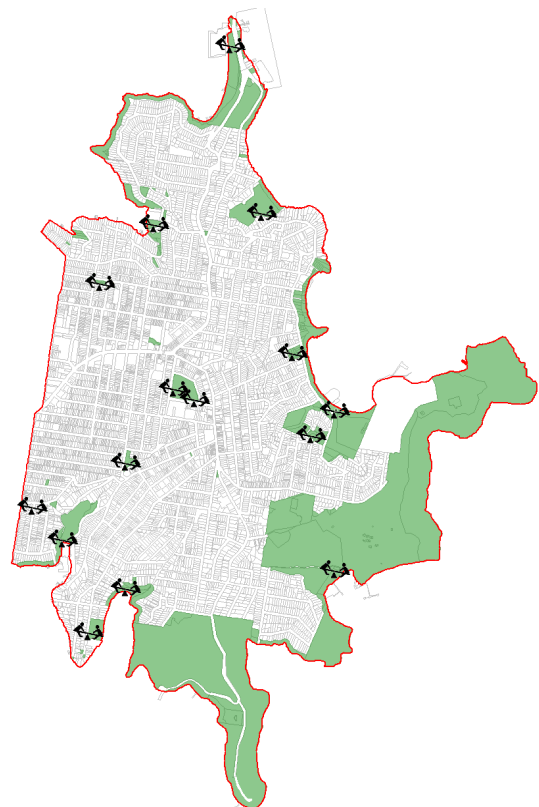


Image 4: Location of playgrounds in Mosman

Council only has two play spaces with bark chips for soft fall. Staff noted that many residents have indicated that they don't like this surface.

During site inspections it was noted that some play space reserves are partly fenced. Some sites have fencing very close to the equipment without open space and landscape elements surrounding equipment or inside the fence. Play activities tend to spill out from equipment, so it is not desirable for a fence to tightly corral that equipment.

Children have a relatively good distribution of informal and unorganised opportunities for play in natural areas, and for physical activity, especially those who live within walking distance of the water.

Dog socialisation and exercise areas

Designated dog off-leash areas in Mosman include (subject to times/dates):

- Rawson Park (parts of)
- Lawry Plunkett Reserve (top of Plunkett Road)
- Reid Park
- Spit Reserve West
- Spit Reserve East
- Clifton Gardens Reserve
- Sirius Park
- Rosherville Reserve
- .

None of these spaces are fenced.

Dogs are allowed on one beach (Clifton Gardens) before 9 am and after 4 pm. Dogs are not allowed on sports grounds (prohibited on Rawson Oval and Drill hall Common).

Outdoor skate / BMX facilities

Mosman has one skate park at Balmoral Park (recently constructed). There are no BMX facilities.

The skate park is not in a very central location for young people to reach, although it is colocated with the very popular Balmoral Park.

Skate websites suggest that the facility is showing some wear and tear and that it needs to be kept clean.

Outdoor gym and fitness facilities

Council has fitness equipment at Balmoral and plans to introduce static exercise equipment at Spit West.

There are a large number of private fitness and gym operators with facilities that are located in Mosman.

There are a number of fitness trainers registered to use public space by Council. Council has a registration process for personal trainers, where they pay an annual license fee per year for a specific number of persons.

Judging from the response from community consultation a number of residents do not appear to know this – thinking instead that they are unauthorized users of public space. Personal trainers do not have identified specific licenced locations, although licences to use Balmoral foreshore and oval area are more expensive due to the area's popularity for training.

Spaces protecting bushland and biodiversity values

Council manages 22 areas protected for their biodiversity values and bushland, covering 31 ha. These areas provide:

- important habitat for fauna (particularly birdlife) and protection of flora
- visual amenity and vertical interest in residential areas
- buffers and screens residences from roadways and vehicle noise
- valuable access to nature and environmental education for children
- restorative values that contribute significantly to residents and visitor's sense of wellbeing
- high quality setting for walking
- a major contribution to air and water quality and reduces the heat island affect of hard surfaces in residential areas

Many unmade roads in Mosman have pockets of bushland/urban forest on them. Local bushcare groups contribute to the maintenance of these.

Unmade roads

Council own 89 unmade road reserves covering 7.5 ha. These provide a significant resource to Mosman residents, in that they protect:

- Pockets of green space in increasingly high-density residential areas.
- Views and areas open to the sky.
- Pockets of vegetation, habitat and many pockets of bushland close to residences.
- Valuable public access to the waterfront.
- Walkways and stairs for exercise
- Open space for play.

A number of these unmade roads have retaining walls, stairs and paths that are likely to require renewal or upgrade in the future. There are also likely to be some encroachment issues associated with these spaces.

Outdoor aquatic sports facility (swimming, boating and fishing facilities)

Council has two outdoor sea baths. One at Balmoral and the other at Clifton Gardens. A small tidal children rock pool at Edwards beach is also available. There is a small boat jetty at Inkerman Street. There was a third baths at Quakers Hat that was substantially demolished in the 1990's.

The North Sydney Olympic Pool is also located south west of Mosman.

There are a number of water-based recreation and sporting clubs located in the LGA. These clubs include swimming, triathlon, rowing, sailing, yachting, outrigger canoe, sea scouts, and a beach club that provides lifesaving activities for young people. Sailing, yachting and sea scouts operate from Balmoral Beach. The Mosman Rowing Club operate out of the Spit Reserve.

Water based recreation opportunities range from social, school, hire based services to club and elite Olympic standard yachting and rowing facilities and programs.

Access to and along the foreshore

Much of the Mosman waterfront is in private ownership, or is Sydney Harbour Federation Trust or Defence or National Park land and therefore there is restrictions on access for residents and visitors, and their use of this land for recreational purposes.

There are still some aging pieces of infrastructure on public land along the foreshore and a number of buildings have been recycled for commercial and community uses.

There are some unmade road reserves that provide access to the harbour, however due to the location of private land it is not possible to provide continuous public access to, and along the foreshore.

Key unmade roads that provide public access to the waterfront include:

- Burrawong Avenue (Taylors Bay)
- Wyong Road
- Shellbank Avenue
- Burton Street, Inkerman Street, Bickell Place (Quakers Hat Bay)
- Fairfax, Edwards Bay Road, Awaba Street, Mandolong Road (Hunter Bay)
- Grecia Lane, Rosherville Road (Middle Harbour)
- McLeod Street, Boyle Street (Mosman Bay)
- McLeod Street, Illawarra Street, Sverge Street (Little Sirius Cove)
- Musgrave Street, Raglan Street (South Mosman)
- Pulpit Lane, Quakers Road (Quakers Hat Bay)
- Unnamed Road (The Spit East)
- Almora Street
- Le Gay Brereton Park

Fishing facilities

Council has three jetties / wharfs: Inkerman Street wharf, Balmoral and Clifton Gardens.

The main fishing locations in Mosman are Clifton Gardens, Sirius Cove and the Spit Reserve (and Ellery Park). Council provides one fish-cleaning tray.

Aquatic areas surrounding Mosman are part of the Sydney Harbour Intertidal Protected Area. They are dedicated for the protection of selected rocky habitats and intertidal species. Collection of intertidal animals (such as crabs, snails, cunjevoi, octopus, sea urchins, anemones, pipis, cockles, mussels, oysters, and saltwater yabbies) is strictly prohibited in this area. Fishing is permitted in Intertidal Protected Areas, but bait collection is not allowed.

Beaches

Council has several beaches located along the eastern foreshore. These include Chinamans Beach, Balmoral Beach, Clifton Gardens and Sirius Cove. Rosherville Reserve has the last semi-natural sand dunes in Sydney Harbour. Council has provided sand to retain a small beach at Spit Reserve West.

Mosman's beaches provide an important resource for a large number of people from the Greater Sydney area.

Off-road trails

Mosman has a number of walking tracks. The most significant tracks run through Sydney Harbour National Park and adjacent open spaces.

Significant off-road trails in Mosman include:

- Harbour Bridge to The Spit Bridge walking track
- Bradleys Head to Chowder Bay walk
- Mosman Park and Balmoral Park (several of Mosman's larger open spaces) are part bounded by perimeter paths.
- Bicentennial Walk (Quakers Hat Park)

Council also has some inner urban spaces and unmade roads that provide walkways, access to the water and public domain in association with community and shopping areas, such as the Library walk.

Council has some excellent information about walks in Mosman, including information about history and features along the walks.

There are few off-road shared paths suitable for cycling in Mosman, and few large reserves that have perimeter paths around them.

The majority of the major foreshore walks are not accessible to people using wheelchairs or mobility devices.

The stairs at Balmoral make it difficult for people with a disability to train on the beach with the triathlon club.

Cycling

The Triathlon Club use Obelisk Bay and Middle Head Road for four triathlons a year.

While the LGA has a number of great opportunities to train with undulating topography and some limited through roads – such as through the National Park, the quality of roads is a concern for competitive cycling.

Mosman Council does not have any cycle sports facilities such as a velodrome, criterium circuit, mountain bike or BMX track facilities. Mountain bike riders go to Manly Dam and Terrey Hills to ride.

Open space for relaxation

Mosman has a large number of open spaces (see Appendix 2) with higher environmental quality without facilities for social, recreational activities, which are protected because they are bushlands.

It has been suggested that community want reserves to maintain their character and identity rather than changing them to; improve quality, "modernise" facilities or increase participation.

A number of small spaces that have high amenity value may be able to accommodate facilities such as community gardens, trails or other activities. However there is often unwillingness by adjacent residents to activate such spaces.

Visual amenity space / look out

Mosman has a number of spaces providing lookouts over the harbour. In fact there are constraints on development of some foreshore land due to the visual importance of this to Sydney Harbour and Sydney's history. Two open spaces have a formal look out function: Carroll's Lookout and Curraghbeena Lookout. These are important to view harbour events such as the New Years Eve fireworks. A number of unmade road reserves also serve this function.

Community horticulture / garden

Mosman has two community gardens operated by the Mosman Community Gardeners Association: Mackie Lane Garden and Middle Head Garden (Soldiers Institute). Both gardens are on land not owned by Council.

All plots are communal and some herbs and plants are located outside the fence to allow residents to enjoy them.

Council has found it difficult to gain an acceptance from adjacent residents to locate additional community gardens in parks in Mosman.

The Mosman Drill Hall is located adjacent to the Marie Bashir Indoor Sports Centre. It is owned by the Sydney Harbour Federation Trust but managed by Mosman Council and can be hired for private functions and community activities. One of its principal users is an afterschool program. It has sport court markings but is not currently used for sport.

Other outdoor fitness facilities (e.g. climbing, parkour etc.)

Mosman does not have any outdoor fitness facilities other than exercise equipment. However there is some evidence of climbing and parkour at the Spit and the cliff has been used for bouldering.

Memorial gardens

Part of Mosman Park (also known as Memorial Park) is set aside as a war memorial. The adjacent space is also used as a parade ground. This space is important on occasions such as ANZAC day, but also due to the close proximity to defence establishments and Mosman history related to defence.

There are no cemeteries or crematoria in Mosman.

Indoor facilities

Whilst indoor facilities are outside the scope of this plan it is necessary to broadly consider these in context with outdoor opportunities.

Indoor courts sports

Marie Bashir Indoor Sports Centre is Mosman's premier indoor recreation facility. It is a single court facility managed directly by Council. It is used for futsal, netball, indoor hockey and basketball competitions as well as casual hire. It is not open for casual use, and the centre is not programmed, rather it is purely available for hire.

The Drill Hall could potentially accommodate young children's sports development programs, , group fitness activities, dance or older adult sports such as table tennis, soft tennis and movement classes such as pilates and yoga.

Some schools also provide indoor sports courts.

There is considerable demand for additional indoor sports clubs and to a degree this can substitute for the lack of opportunities for training for outdoor sports clubs.

Indoor racquet sports

Mosman does not have an indoor racquet sports facility. Both badminton and squash are no longer sports played in Mosman. Mosman Square Seniors Centre does offer table tennis to seniors.

Other indoor facilities

Mosman does not have an indoor skate centre, (the closest venue for roller derby is Sydney, and for indoor skateboarding is at Sydney Olympic Park), Indoor bowling sports, (the closest facilities are in the Sydney CBD), Indoor ice sports (the closest venue is Macquarie Ice Rink in North Ryde).

Indoor aquatic facility

Mosman has one indoor aquatic centre: Mosman Swim Centre. Mosman Swim Centre is located on Vista Street, Mosman. It provides a six lane 25m indoor-heated pool and activities such as learn to swim, aquarobics and swim club.

Queenwood School for Girls own an indoor aquatic facility (Lawrence Pool).

Hall / community meeting place

Halls and community meeting places in Mosman include:

- Balmoral Scout Hall (Balmoral Park)
- Scout and Guide Hall (Parriwi Bushland Reserve)
- Athol Hall (Sydney Harbour National Park)
- Mosman Seniors Centre (Spit Junction)
- Mosman Drill Hall (Cross St)
- Mosman Art Gallery and Community Centre

Other indoor spaces used for fitness and recreation activities in Mosman include Kirk Hall, which is part of the Presbyterian Church. Mosman Library, the senior citizens centre and the youth centres all provide indoor recreation opportunities. Mosman High School and bowling clubs are also used for fitness and recreation activities.

Recreation facilities in schools

Mosman has seven schools. These schools generally have limited space for recreation.

Schools train and compete on Mosman's sport ovals as well as at water-based facilities such as Mosman Rowing Club (Spit Reserve West) and private providers on the Balmoral foreshore.

Schools (combined) are the third biggest type of users of Councils sportsgrounds, using them for more than 1600 hours in 2013.

As few schools have open space or compliant sports facilities there is little opportunity for community clubs to utilise these. However, most schools do have outdoor sports courts and / or school halls. These could contribute opportunities especially for teenagers.

Mosman High School has a community college, which operates from the school and additional community facilities. This provides a wide range of sporting, fitness and recreation programs.

Some schools are located in close proximity to open space.

Appendix 3. lists known facilities provided at schools in Mosman.

3. DEMAND FOR RECREATION ACTIVITIES – OVERVIEW

The assessment of demand for this project included: analysing the demographic profile of Mosman and implications on sport and leisure; analysing available usage and participation data; projecting participation in sport and recreation activities and likely use of different facility types; and community engagement.

The community engagement process for this project included: a householder and community organisations survey, opportunities to comment or make a submission, onsite intercept surveys, telephone interviews of clubs, stakeholders and peak bodies, and workshops with staff, stakeholders, and community.

Further information about the population profile and implications for recreation, and the findings from the community engagement process can be found in the Demand and Consultation Findings document previously submitted for this project.

3.1 Key demographic characteristics that have an influence on leisure

Key characteristics of Mosman that influence leisure behaviour are as follows:

- Relatively slow growth in population, (7.18% in next 10 years) to approximately 31,000 people.
- Increasing housing density (63% of dwellings medium or high density)
- All new dwellings will be apartments
- Thirty five percent of dwellings will be lone person households by 2024 (up 2%)
- Fewer school children and families with children by 2024 (down by 2%)
- An increasing proportion of older adults and people with a disability. Twenty-two percent of population will be 65 years or older by 2024.
- High employment and discretionary income, and education levels (almost double median household income of NSW average)
- Only .5% of dwellings are public housing
- A small proportion of non-English overseas born residents (less than 14% of residents)

- Mosman attracts a high number of visitors to its foreshore parks, perhaps because of its high aesthetic values, beaches, harbour views, accessibility to the Warringah freeway and Taronga Zoo.

Implications of demographic profile and population size

The cost of increasing the level of service and range of services spread across all areas will be a challenge due to the constrained population growth and rate base and limitations of existing supply.

Any increasing densities will mean the further loss of private open space and potentially restorative values, as well as opportunities for incidental play and home based activity such as playing with pets as a well as horticulture.

Affluence and high levels of education may increase the demand for opportunities and expectations of quality of services beyond what Council can afford.

Opportunities to better service specific population groups such as young people, older adults and people with a disability are addressed under the Issues section.

Due to increasing demand for recreation and open space there is a need for Council to consider more conscious and equitable provision of resources to specific population groups. Facilities for each must be equitably distributed across the LGA to “future proof” facilities from demographic change.

3.2 Potential number of people using different types of facilities

Using state participation rates applied to the Mosman population the potential numbers of residents who would use cycling and walking paths is almost double that of the next facility type ranked by the potential number of users. Outdoor playing fields ranked second by potential numbers of users, followed by gym and fitness, and swimming facilities (equal).

Due to the proximity to the harbour, swimming and yachting facilities (as born out by the householder survey and membership data) is likely to be higher than these potential user numbers show.

Table 1: Potential numbers of users of facilities by type, 2014 and 2024

Facility Type	2014	2024
Cycling and walking paths	15583	15588
Outdoor playing field sports	8909	8815
Gym / group fitness	8314	8375
Swimming pools	4267	4266
Outdoor court sports	3531	3530
Indoor court sports	2158	2164
Outdoor water based sports	1895	1914
Skate / roller sports	1715	1604

When potential participation by activity is compared to known membership of clubs, there are a number of sports with considerably higher participation rates than those for NSW.

These include:

- Sailing
- Little athletics
- Triathlon
- Croquet
- Rowing, and
- Rugby union.

The sports with lower than expected participation in Mosman include:

- Cricket
- Hockey
- Rugby league
- Netball

Lower than expected participation in these sports is likely to be a result of the lack facilities, particularly in the case of cricket, hockey and netball.

In the case of tennis – the limited number of lit tennis courts and centres with strong competition pathways, foundation, development, social and coaching programs, as well as the nature of surfaces may impact on participation. For rugby league, the strength of other rugby and football codes and the demographic profile of Mosman are likely to favour rugby union.

There has been a loss of some sports from th LGA since the 2000 Plan. These sports include lacrosse, squash, baseball and water polo.

The consultation with peak sporting bodies and local clubs identified the following demand related issues:

- Mosman Netball Club is one of the largest community run netball clubs in NSW
- Mosman has the highest number of triathletes by LGA in the country
- Sailing and croquet, and the Swans Junior AFL have some of the biggest clubs in NSW
- Mosman / North Sydney leads the way with junior growth in sailing “Tackers” program
- Clubs have stated numbers in soccer (football) and Aust. Rules, cricket and sea scouts are capped, as there is no capacity to accommodate additional participants in local facilities
- Mosman bowls and Mosman croquet facilities are state of the art; and provide an opportunity to grow participation from additional markets at off peak times and for events
- A wide range of sports, health and well being activities are being conducted by schools, including sports not played at club level in Mosman; e.g. softball, rugby league, gymnastics
- Relationships with schools are very important for clubs and there is a drop off when children go to private schools. Many children then drop out of sport after school.

3.3 Activities/Facilities consistently identified as in demand

Throughout the community engagement the following activities / facilities were consistently identified as being in demand or requiring some action.

- Swimming
- Basketball
- Physical exercise, programs / equipment
- Cycle and walking trails
- Sportsgrounds

Others included:

- Kayak / water based club activities
- Practice facilities
- "youth facilities"
- Tennis
- Netball
- Improved play spaces and BBQ/picnic
- Spaces and management of dogs

Outdoor recreation activities residents would like to participate that they don't currently

Forty-five percent of respondents to the community survey would like to participate in an outdoor recreation activity that they don't currently undertake.

The majority of respondents who would like to participate in an outdoor recreation activity that they don't currently undertake, were 30-34 year olds. The most common activities listed were:

- Outdoor fitness /personal training (high intensity) (boot camp) (boxing) program
- Cycling
- Basketball
- Swimming
- Yoga, Pilates, Tai Chi
- Tennis
- Hockey
- Kayaking

The key enablers to encourage people to do these activities vary considerably between activities.

For outdoor fitness activities, enablers in descending order were:

- Put me in touch with others who have this interest or someone to go with
- Provide some assistance to get there and during the activity

Key enablers to encourage people to cycle were, in descending order:

- Provide discounts, or reduce the cost of using an existing facility
- Improve the quality of existing facilities

The key enabler that could encourage people to play basketball was:

- Provide additional or new facilities for this activity

Key enablers that could encourage people to swim, in descending order were:

- Provide an opportunity to learn a new activity / develop confidence in doing this activity
- Provide additional or new facilities for this activity
- Provide suitable programs / or classes in existing facilities

Additional demand for sport and recreation activities

Almost 60% of the survey respondents indicated that there is additional demand for sport and recreation activities that is not currently being met in Mosman. Responses primarily focussed around the following facilities:

- Swimming
- Cycling / Off road trails
- Sportsgrounds
- Basketball
- BBQ / picnic areas
- Physical activity / fitness
- Hockey
- Dog walking
- Waterbased recreation
- Skate / Scooter facilities

Priorities for recreation and sports facility improvement or provision identified from the community survey

Respondents to the household survey identified approximately one hundred and twenty priorities. The majority of those issues raised were similar in nature to those raised about additional facilities.

In descending order of frequency, the key priorities identified were:

- Sports grounds (more, all weather and improvements)
- Trails and paths
- Sports courts (netball, basketball, and tennis)
- Fitness equipment
- Play spaces (softfall, age, fencing)
- Swimming (pool / maintaining Balmoral Baths)
- Environment / Bushland
- BBQ's

This demand related to similar activities reflected overall.

Comments about facilities

A wide range of comments were received about types of facilities and specific parks and sports grounds. These are provided in the Demand and Consultation findings for future reference.

Some key points overall include the following:

- Quality and size of facilities (netball, little athletics) limits growth
- Some participation benefits could be accrued with facility improvements; to drainage, support facilities, storage, number and size of grounds and compliance, ground maintenance, practice wickets, provision of lights and a synthetic playing field
- Lack of lighting in some instances limits uses for tennis, netball, soccer (football), Aust. Rules Football and on road and trails for cycling
- There is a demand for addition cricket practice nets that are accessible to the community (including at Reid Park and longer nets at Balmoral)
- Some conflicts exist between sports and will be exacerbated as demand increases i.e. between: summer and winter users. Same season users, motorised watercraft and sailing / rowing, cyclists and dogs on trails.

- Demand for stand-up paddle boarding, social beach volleyball and kayaking is increasing (mostly amongst males). Boat numbers have also increased. Two marinas have increased their berths. The Navy also now has berths off Balmoral. This is having an affect on swimming among so many boats.
- There is more shared ownership / and storage for boats, and better sharing between sports grounds codes now, as there is not enough space. However clubrooms are mostly undersized and limit options for sharing.
- Some facilities may be underutilized during the day e.g. sports courts use could be encouraged from schools, and older persons i.e. short programs and come and try sessions.
- There is a concern for additional track and trails and about the condition and maintenance of paths, tracks and trails.
- Water based club activities are constrained by issues associated with storage, trailer parking, rigging, washdown, conflicts with motorised use and the condition and functionality of clubrooms.

4. KEY GOALS AND ISSUES

4.1 Goals

The following goals have been established as a result of investigation and public consultation. It is considered that they are consistent with Council's MosPlan commitments to: Partnerships, Environmental Protection, Efficiency, and Social Inclusion and have considered the community and stakeholder preferences, potential demand and the nature characteristics and distribution of current recreation and sporting facilities.

The goals are:

1. Maximise access to recreation and sports facilities during the day and at night, for a wide range of activities and a diversity of population groups (**Equity and diversity**)
2. Increase participation in physical activity and sport through programming of indoor and outdoor venues (**Programmability and utilisation**)
3. Increase efficiency of management and development capability (**Resource Efficiency and Partnerships**)
4. Increase the capacity of sportsgrounds, trails and outdoor spaces to better accommodate current and forecast future demand (**Managing Capacity**)
5. Continue to develop and improve asset management and renewal to enhance: accessibility of sports and recreation facilities to all people, functionality; fit for purpose and shared use (**Asset renewal**)

4.2 Issues and Recommended Actions

4.2.1 Equity and Diversity

Access to recreation and sports facilities during the day and at night, for a wide range of activities and a diversity of population groups

Key opportunities to enhance participation related to specific population groups are provided below.

Older adults and lone person households

There is demand to stay active longer. Strong participation in older people can be supported by providing and programming suitable activities i.e. walking, fishing, outdoor bowls, indoor bowls, warm water swimming, tennis, croquet community gardening, men's shed and golf. Opportunities can also be explored to allow middle-aged people to continue to cycle, and unmet demand can be addressed through indoor exercise and sports such as badminton and table tennis.

There are significant benefits of providing additional opportunities for social connectedness and connection to nature for lone person households.

An affluent and older population not in the workforce may provide a resource as volunteers for guided activities, skill development and programs.

Providing more seats, shelters, picnic facilities, suitable exercise equipment, public toilets, accessible circuit trails and perimeter paths in parks could assist in more older adults exercising and socialising outdoors.

Due to the high demand for seats and tables especially those with backs and arms and the need for paths to access them for people with mobility aids, the willingness to sponsor these and the value for encouraging older people to use parks, watch activity and enabling a sense of belonging, there is value in developing a strategy for seat and table placement, accessibility and design improvements.

Stairs in parks and unmade road reserves provide opportunities for residents and visitors, as well as older adults, to keep fit.

For older women there is likely to be demand for affordable indoor social programs and classes close to home i.e. Tai Chi, Yoga or gentle exercise in parks.

People with disability

Opportunities to include more people with disabilities in sport and recreation activities are considerable. These opportunities include: improvements to the design of swimming, sport, play and picnic facilities and selective accessible paths of travel through parks and along the foreshore.

Providing more assistance and suitable equipment to individuals to use facilities (especially swimming facilities), as well as programming coupled with transport, and respite care options, could increase the use of facilities in non-peak times and will mean more people from these groups could participate.

There is a need for additional information to enable people to match their ability and interest with available opportunities, especially information about walking paths and transport. Such information needs to be made available in an accessible media and content.

Young people and school aged children

Most issues identified in the community consultation related to provision of facilities for children related to: sportsgrounds, the need to provide safe cycling opportunities and play spaces. Playgrounds for kids older than toddlers, equipment variety, more adventurous and natural elements and more shade were key issues.

For young people more opportunities to play free access social basketball and tennis, lit social places to gather and more tables in open spaces were identified in the community survey and are desirable.

Practice sports facilities are important for older children, as are hard courts, and where sports facilities exist; free access courts for tennis and basketball, practice cricket wickets, and goals for social soccer (football) are desirable.

Any opportunities to provide additional capacity on outdoor playing fields and on sports courts through programming and casual use being made available in indoor spaces, along with better connections between clubs and schools will enhance opportunities for young people.

Off-road opportunities to cycle and walk, secure bike parking and additional public transport will assist young people in accessing facilities and social opportunities.

The need for basketball facilities for young people was a major issue raised in the community engagement process.

With fewer children per household in the longer term, schools will be more important for incidental play, unorganised sport and social activity.

Sports and activities for females

Significantly more males in Australia aged 15–24 years old participate in sport and physical activities than females. Historically football (soccer) and cricket codes have been primarily male; typically it is more difficult for female teams to get access to facilities.

Support needs to be given to sports such as netball, tennis, dance, gymnastics, soccer (football), gym and fitness and kayaking in order to ensure the high propensity of females to play these sports is met with opportunity.

Personal trainers in outdoor parks and users of outdoor exercise equipment has increased significantly in recent years, and with it has seen the increase in participation in physical activities by women. The short duration and flexibility in time to undertake these activities often enables women to schedule them around family and work commitments.

There is growth in demand for kayaking and other non-motorised water based activities from women, however paddlers are made up mainly of individuals who are not part of a club, and transporting and handling crafts were identified as issues, especially by females.

Demand for a diversity of opportunities

A diversity of opportunities and experiences will be enhanced and protected in open space with high environmental quality and a diversity of functions of open space and setting types. There is a good diversity of open space and bushland across the LGA. This should be retained.

Most play spaces are designed primarily for children and are therefore single-purpose. A more cost effective approach to play spaces is to ensure their design addresses the needs of the whole family, multiple age groups and people of all abilities.

Where possible, the social and family recreation areas preferred are those that include play elements, nature play, landscaped areas and trees for shade, kick about space, seating for carers, paths for walking and small wheeled toys, along with social sports opportunities for older children, such as hard courts for basketball and futsal or practice nets for cricket and soccer.

As a general principle providing a path system and spaces that encourage children and carers using wheelchairs and mobility devices in central and social areas is the most important addition.

The play value of equipment could also be enhanced through landscape design, although children appear to have quite good access to natural spaces in and around Mosman. It is also desirable to have a selection of fenced sites.

There is a need to provide additional shade in strategic locations in parks and at play spaces.

Opportunities for cycling off-road are relatively limited due to the topography and lack of Council owned land and foreshore without heritage constraints.

Respondents to the household survey noted that providing a new aquatic facility was a priority issue, however given the population size and the availability of one indoor centre, a large number of residential and sea pools, it is not considered a priority at this time

Equity and Diversity: Strategies

- *Consciously plan to enhance design and equitable access to recreation for specific population groups and include additional recreation, play and social opportunities for older adults and people with a disability*
- *Seek to provide a diversity of recreational opportunities for all residents*
- *Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities*

Recommended actions: Equity and Diversity:

Consciously plan to enhance design and equitable access to recreation for specific population groups

1. Review and undertake design improvement to facilities where funding is available at the Mosman swim centre, and Balmoral Baths to improve accessibility for older adults and people with a disability.
2. Select tracks, sports facilities, playgrounds and trails to encourage more people with a disability to be included in and participate in sport, physical activity and play.
3. Investigate the options for more people with a disability to access water based sporting and recreational activities including transport to all the main recreation clubs and facilities such as Balmoral Beach.
4. Review and update the community directory information (including transport) in order to provide information about accessibility of facilities for people using wheelchairs.
5. Continue to encourage sporting and fitness opportunities that target females, including activities such as netball, football (soccer), personal training, and (where possible) gymnastics and dance etc.
6. Explore options for basketball courts in the selective development of several social family recreation areas such as: 1. Rawson Park 2. Reid Park, and 3. Clifton Gardens.

Seek to encourage access to a diversity of recreational opportunities for all residents

7. Continue to provide a balance of dog off-lead and on-lead areas, and facilities with no dog access, to minimise conflicts between pets and people, and in order to protect all user's interests in parks and beaches.
8. When designing playgrounds consider fencing larger areas of selected reserves with play spaces and include people using wheelchairs and a good size green space as well as other landscape elements inside the fence. . Promote the location of those enclosed play spaces to those who rely on them.
9. Complete the dinghy rack upgrade program and investigate the feasibility of provision of kayak storage (especially for females).
10. Encourage, and work with the Sydney Federation Harbour Trust to revise the 2003 Management Plans for Headland Park, Middle Head, George Heights and Chowder Bay in order to create more accessible and circuit paths and routes for walking and cycling. As well as to accommodate a more sustainable balanced mix and practical layout of multiple sports fields and associated parking and club houses.

Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities

11. In the design of future amenity and pavilion building improvements endeavour to ensure all clubs using grounds or the Harbour have access to shared change rooms for both genders, facilities for referees and first aid, storage, canteen and shade / shelter.

4.2.2 Programmability and Utilisation

Participation in physical activity and sport through programming and promotion of indoor and outdoor venues

The return on investment in sport and recreation facilities should be measured in terms of participation.

Whilst the use of outdoor sports fields exceeds capacity, there are some indoor and outdoor courts that may not be fully utilised and could attract further casual use. Additional use could be both organised sport and programmed activities in order to include people from specific population groups that need additional incentives to participate.

Sports courts and fields with specialised and synthetic surfaces could offer opportunities for programming, and use by all ages and abilities, both social and corporate.

There may be opportunities to resurface some smaller spaces to enable these spaces to be programmed for group fitness, sports training or various other programs.

Some school sites, for example, are central and large enough for small-scale activities, sports and off-field training for outdoor teams sports.

Tennis, netball, bowls and indoor courts can lend themselves to programming, especially if they have lights.

Where possible it is desirable to maximise the number of tennis courts that are lit in Mosman, as the majority of demand for tennis is in the evening, on weekdays and retain ITF approved surfaces to enable a pathway from foundation skill development to club and elite competition.

Indoor facilities offer considerable opportunities for additional programmed use, rather than just venue hire.

Given the lack of available social hard courts in Mosman, the availability of these in schools, and school's reliance on Council's sports grounds, Council should investigate reciprocal rights to access such facilities.

Some schools have synthetic or hard surfaced areas on their perimeter, which could be easily secured from the rest of school for social or sports use for young people out of hours, for example.

Programmability and Utilisation

Strategies: Programmability and Utilisation

- *Maximise the use of available places and spaces (not fully utilised) through programming*
- *Provide additional information to enable users to match their needs with available recreation opportunities and promote use*

Recommended actions: Programmability and Utilisation

Maximising the use of available places and spaces (not fully utilised) through programming

1. Work with schools to develop a co-operative approach to the use of sports facilities for organised and unorganised sports and propose an arrangement whereby use of Council's ovals is compensated for by access to social hard courts and other school facilities not utilised out of hours.
2. Program the use of Marie Bashir Indoor Centre and the outdoor netball courts for a range of activities utilising all available hours (*i.e.* non-peak times) and look to prioritise uses for indoor centres based on level of demand and in favour of those uses that are dependant on indoor sports courts.
3. Encourage local clubs to work with Tennis NSW to increase the diversity of tennis opportunities on existing courts, retain ITF compliant courts and light courts where possible to increase the utilisation of all courts.
4. Explore the feasibility of installing a synthetic surface at George's Heights Oval so that it can be utilised more fully.

Provide additional information to enable users to match their needs with available recreation opportunities and promote use

5. Promote opportunities to participate in water-based recreation through providing additional information and promotion of facilities and programs.
6. Develop a program to consistently sign and promote the shared trails in the LGA.
7. Identify and promote the unmade road reserves in the LGA as public spaces, especially those with tracks and stairs leading down to the Harbour and identify trails that are accessible to people with prams and mobility devices.

4.2.3 Partnerships and Resource Efficiency

Efficiency of management, and development capability

Council has a relatively small population with limited growth projected.

The relatively small Council area means residents are likely to travel across multiple LGAs to access clubs and facilities of their choice. North Sydney Council, whose sports facilities complement those in Mosman, abuts Mosman. North Sydney has a multiple indoor courts sports venues that Mosman doesn't have. It may be possible to program North Sydney Council's indoor centre in conjunction with those in Mosman.

Due to the small size of the LGA Council cannot provide a full array of sport and recreation facilities required by the population.

Economies of scale could be introduced by partnerships to manage and develop existing sports and recreation facilities in schools and open spaces.

The need for second tier sports such as athletics, hockey, diamond sports and indoor sports such as basketball, netball, badminton and futsal may be more cost effectively delivered together, rather than in each LGA.

The Sydney Harbour Federation Trust has several individual tennis courts that could be programmed in conjunction with those at Rawson Park. Additionally there are multiple sports facilities around Rawson Park in different land management arrangements where there are possible synergies.

In noting there is comparatively high provision of parkland areas some opportunities to recycle additional underutilised land for sports purposes should be further investigated around Headland Park.

Partnerships and Resource Efficiency: Strategies

- *Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council*
- *Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies*
- *Provide sports development assistance to second tier sports clubs that have potential for growth, and where facility capacity allows or can be improved*

Recommended actions: Partnerships and Resource Efficiency

Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council

1. Examine opportunities to develop partnerships with neighbouring land and recreational facility managers to take advantage of economies of scale and improved programming of recreational facilities.
2. Work with other partners and stakeholders such as local schools and the Sydney Harbour Federation Trust to investigate opportunities to increase the range of recreation activities provided within the LGA (beyond the mainstream team sports) and to provide more opportunities to engage in activities with the highest demand.

Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies

3. Work closely in partnership with National Parks and Wildlife and Sydney Harbour Federation Trust to manage and utilise the foreshore roads for cycling events and training.
4. Work closely in partnership with the Sydney Harbour Federation Trust to improve sports fields capacity and associated facilities at Middle Head Oval and Georges Heights Oval.
5. Negotiate with schools over use of Council grass playing facilities in the exchange for use of school hard courts / gyms etc.
6. Negotiate with other agencies to support shared / subsidised parking in association with Middle Head Oval.
7. Work with existing land managers and user groups to manage the Rawson Park and Georges Heights sports facilities more as a sporting precinct with multiple codes (croquet, tennis, rugby, soccer-football, cricket, basketball, netball) sharing support facilities and programming available courts.
8. Work with the Sydney Harbour Federation Trust to manage and program the tennis courts in conjunction with those in Rawson Park.

Provide sports development assistance to clubs that have potential for growth where facility capacity allows

9. Encourage Mosman Bowls and schools to increase participation in bowls and use of the greens.
10. Encourage better connections between clubs and schools to provide pathways for children to develop sports skills, play club competition and continue to play sports.

4.2.4 Managing Capacity

Capacity of sportsgrounds, trails and outdoor spaces to meet demand

The sportsgrounds and water space in Mosman are at or near capacity. Additional demand for sport and physical activity won't be met unless additional capacity can be created by the improvement in; condition, use during non-peak times (on greens, sports courts, indoor centres, ovals), casual use of beaches and parks, and by expanding and improving trails, roads and footpaths, for walking and cycling.

Some Council sports facilities are single grounds. Most sports fields are ovals, however there is also pressure from sports needing rectangular grounds. The presence of turf wickets limits some grounds and their capacity to be effectively used by multiple codes. These locational and design characteristics have an implication for clubs as hiring separate multiple venues is expensive and logistically difficult to manage.

The lack of space and lights constrain the availability of off field training and practice facilities.

It would be beneficial for all sports grounds and practice facilities to be lit in order to be able to maximise the use of these when there is demand and capacity and to be able to have the flexibility of moving training and games around in accordance with ground conditions and levels of use for different activities.

There is a very high demand for events on Council reserves, as well as casual use. These events mostly include small group celebrations, such as parties and weddings, however there are also a number of larger community and regional events held throughout the year. Some issues arise in relation to where temporary facilities can be located, without damage to services, lawn and vegetation and managing the demand for private celebrations.

The demand for playing fields is increasing across all the codes. Council is not able to accommodate a considerable amount of the current demand. The use of all sportsgrounds in winter exceeds current carrying capacity of the grounds and the pressure leaves little time to rest grounds between seasons. Council currently funds substantial restoration works between seasons. Ground conditions will continue to decline with current levels of use.

The condition of some grounds is impacted on in some instances by rabbits, dogs, wet conditions and playing patterns. Additional funds could enable more development works such as further drainage improvements and more intense maintenance that will enable some additional use.

Club sport represents only approximately 55% of organised sportsground use. However as clubs involve considerable volunteers and are dependant on these facilities they should be given priority of use.

The investigation of replacing turf fields with some synthetic surfaces will be a worth while exercise. Synthetic surfaces would enable additional capacity however it will not increase availability at peak demand times and will also come at significant cost.

A number of disused buildings on Harbour Trust land, which are in a poor state of repair, may provide a potential development opportunity for a new sports field. Desirably multiple facilities should be located together to enhance flexibility and reduce the cost of servicing.

The use of netball courts is not at capacity due to the lack of light and inability to play competitions there. With a higher recognition of the value of social and physical activities than when the management plan was prepared further use of this site may gain greater acceptance.

It is desirable that most tennis courts are lit, as the majority of demand is in the evening.

Further monitoring of the use of open space by dog and personal trainers, is worthwhile and ongoing liaisons with trainers will be beneficial to minimise overuse and perceived conflicts and divert demand away from some popular sites such as Balmoral.

Off road trails have the highest potential use by participants of any other recreation facility type.

Due to the high demand for walking and cycling, and increasing visitor loads, the capacity and condition of roads, track and trails is, and will continue to be, an issue. A major focus on works in years to come needs to be about expanding and developing a strategic network of trails and routes for cycling and walking.

There is significant growth in cycling as a sport (especially from older adults), through cycling events and people training, therefore identifying some safer routes and signing these may be desirable.

Middle Head and Bradleys Head with no through traffic could be a good route for cycling. Chowder Bay Road is a popular cycling route but is without lights.

The consultation identified that a lot of people would like to cycle, but find it too dangerous. Families would like to cycle more locally (to pool, library, park etc.) but find roads intimidating and dangerous.

Strategies: Managing Capacity

- *Assess methods to increase available funds for drainage, sportsground reconstruction, and lighting to enhance hours of use*
- *Assist schools to enable school sporting and recreation space to be better utilised out of hours*
- *Continue to manage the condition of facilities by diverting demand away from overused sites*
- *Increase opportunities for residents to cycle on-road and off-road*
- *Continue to manage potentially conflicting uses through clear allocation policies and education*

Recommended actions: Managing Capacity

Increase funds for drainage, sportsground reconstruction, lighting and restoration to enhance hours of use

1. Identify the most suitable location for the potential construction of a synthetic sports surface, considering access, lighting, potential multiple (priority) users. The field should as a minimum suit soccer –football, and be able to be used under lights until at least 9pm.
2. Consider options for off-field training for sports clubs such as tennis and netball courts. .

Assist schools to provide additional sporting and recreation space and utilise that current availability for out of hours use

3. Seek to have all sportsgrounds and courts lit suitably for purpose, to maximise usage.
4. Explore options to enter into further arrangements to allow community access of / programming of outdoor facilities at Beauty Point Public School e.g. for football training and social basketball.
5. Explore options to better utilise outdoor space on the perimeter of one or more school sites that can be isolated from the rest of school property - for social recreation activities i.e. basketball games.

Seek additional facilities and increase capacity to meet current recreational demand

6. Provide several public BBQs in the Council area in association with picnic tables / shelter and play facilities away from dog exercise areas where these can be integrated well into park design.

Increase opportunities for residents to cycle on-road and off-road

7. Prepare a plan for the upgrade of off-road cycling and walking tracks to provide:
 - Perimeter path exercise circuits around large reserves (e.g. Reid Park, Clifton Gardens, Middle Head Oval)
 - Dedicated path circuits with selected routes that are wheelchair accessible in different localities across the LGA
 - More continuous cycling and walking opportunities on other government land linking with key sports and community facilities, ferry wharfs and visitor destinations including constructing a trail from Taronga Zoo gate to the wharf

Continue to manage the condition of parks by diverting demand away from overused sites

8. Provide better water craft storage at Rosherville Reserve and Sirius Cove, and continue to manage craft being left on public open space
9. Provide circuits of fitness equipment at a number of key sites in Mosman.
10. Consider upgrading the outdoor netball court run outs at the Drill Hall to enable them to be better utilised as 'multi-purpose' courts for other sports such as basketball, futsal and tennis.
11. Where the management plan allows, seek to utilise these netball courts for competition and training under lights.

Continue to manage potentially conflicting uses through clear allocation policies and education

12. Prepare codes of conduct for sporting facilities, fitness and dog trainers, water based users, dog owners and path users.
13. Provide some clear messages to residents through educational material about the importance and benefits of outdoor fitness and personal training (especially for females) and the process Council uses to manage this in parks.

4.2.5 Asset Renewal

Asset renewal to enhance the accessibility of infrastructure to all people, functionality, fit-for-purpose and shared use

Due the age of the furniture, sporting and support infrastructure, the changing nature of sports, as well as the need to share and cater for a diversity of ages and abilities, as well as the changing economics - there is a need to redesign and renew sporting and recreation infrastructure incrementally.

Sporting and water based clubs consistently reported that clubrooms and amenity blocks are too small, lack storage, are in relatively poor condition and don't meet the current requirements of their sports.

Most supporting infrastructure wasn't designed to accommodate change facilities for females and males, access for people with mobility devices, nor provide necessary storage, referee, first aid, and canteen facilities. However, care needs to be taken when considering that the scales of new support facilities do not become disproportionate to the playing field and that building placement does not impact on field sizes.

For waterbased clubs, the need for washdown and rigging areas, trailer parking, kayak storage and general facility upgrades were identified.

Park furniture will need to be incrementally updated to be DDA compliant and to accommodate higher seats with backs and arms, to accommodate more older adults.

When various facilities such as play equipment reaches the end of its useful life, there will be a need not to replace a like with like, but to redesign spaces to be more inclusive and family oriented with higher quality play value and diversity in order to promote children's development, provide more shade and natural and loose materials.

In some cases sports do not have access to compliant playing facilities that compromises use for competition.

A large number of respondents to the householder survey were concerned about the condition of public toilets and walking paths and trails, suggesting they need additional maintenance, (including the footpaths in Spit and Military Roads).

Asset renewal: Strategies

- *Enhance the functionality and accessibility and integrated nature of furniture, paths and facilities in parks*
- *Work to implement Asset Management Plans and renew assets that are: in poor condition, functionally obsolete, or are not fit-for-purpose*

Asset renewal: Recommended Actions

Enhance the functionality, accessibility and integrated nature of furniture, paths and facilities in parks

1. Review the design of and increase the number of seats and tables, shelters, and paths that can be integrated into park design to improve useability, accessibility and integration of park elements.
2. Prepare a management plan for Harnett Park, Reid Park, Curraghbeena Reserve and Sirius Cove Reserve and ensure they are developed as a suite, with complementary uses.
3. Work with sailing, rowing, sea scouts and other water based clubs and providers as well as the NSW Government to provide a suite of contemporary, shared and accessible storage racks and support facilities on public land in Mosman.
4. As play equipment reaches the end of its useful life, redesign play spaces in conjunction with stakeholders to be more inclusive, family oriented spaces, with higher quality play value, diversity, and more shade and natural and loose materials.

Renew assets that are in poor condition, functionally obsolete or not fit for purpose

5. Introduce regular cleaning and concrete maintenance at the Balmoral skate park.
6. In conjunction with other agencies prepare an asset management / replacement plan for all sports oval support facilities and clubhouses and water based recreation infrastructure, and upgrade these to provide facilities consistent with core service levels.

5. Action Plan

Priority 1 - Actions to completed within 1-4 years

Priority 2 - Actions to be completed within 5-7 years

Priority 3 - Actions to be completed within 8-10 years

Strategy and Action	Priority (1, 2 or 3)
Equity and Diversity	
<i>Consciously plan to enhance design and equitable access to recreation for specific population groups</i>	
1. Review and undertake design improvement to facilities at the Mosman swim centre, and Balmoral Baths where funds are available to improve accessibility for older adults and people with a disability.	2
2. Select tracks, sports facilities, playgrounds and trails to encourage more people with a disability to be included in and participate in sport, physical activity and play.	2
3. Investigate the options for more people with a disability to access water based sporting and recreational activities including transport to all the main recreation clubs and facilities such as Balmoral Beach.	1
4. Review and update the community directory information (including transport) in order to provide information about accessibility of facilities for people using wheelchairs.	1
5. Continue to encourage sporting and fitness opportunities that target females, including activities such as netball, football (soccer), personal training, and (where possible) gymnastics and dance etc.	2
6. Provide access to basketball courts in the selective development of several social family recreation areas such as: 1. Rawson Park 2. Reid Park, and 3.Clifton Gardens.	3
<i>Seek to encourage access to a diversity of recreational opportunities for all residents</i>	
7. Continue to provide a balance of dog off-lead and on-lead areas, and facilities with no dog access, to minimise conflicts between pets and people, and in order to protect all user's interests in parks and beaches.	1
8. When designing playgrounds with fences, consider fencing larger areas of selected reserves with play spaces and include people using wheelchairs and a good size green space as well as other landscape elements inside the fence. Provide a specific budget for fencing so it can be integrated into the park design; Promote the location of those enclosed play spaces to those who rely on them	2
9. Complete the dinghy rack upgrade program and investigate the feasibility of provision of kayak storage (especially for females).	1
10. Encourage, and work with the Sydney Federation Harbour Trust to revise the 2003 Management Plans for Headland Park, Middle Head, George Heights and Chowder Bay in order to create more accessible circuit paths and routes for walking and cycling. As well as to accommodate a more sustainable balanced mix and practical layout of multiple sports fields and associated facilities (parking and pavilion buildings)	3

Strategy and Action	Priority (1, 2 or 3)
<i>Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities</i>	
11. In the design of future amenity and pavilion building improvements endeavour to ensure all clubs using grounds or the Harbour have access to shared change rooms for both genders, facilities for referees and first aid, storage, canteen and shade / shelter.	2
Programmability and Utilisation	
<i>Maximising the use of available places and spaces (not fully utilised) through programming</i>	
12. Work with schools to develop a co-operative approach to the use of sports facilities for organised and unorganised sports, and propose an arrangement whereby use of Council's ovals is compensated for by access to social hard courts and other school facilities not utilised out of hours.	1
13. Program the use of Marie Bashir Indoor Centre and the outdoor netball courts for a range of activities utilising all available hours (ie non-peak times) and look to prioritise uses for indoor centres based on level of demand and in favour of those uses that are dependant on indoor sports courts.	1
14. Encourage local clubs to work with Tennis NSW to increase the diversity of tennis opportunities on existing courts, retain ITF compliant courts, and light courts where possible to increase the utilisation of all courts.	3
15. Explore the feasibility of installing a synthetic surface at Balmoral Oval or George's Heights Oval so that it can be utilised more fully and explore grant opportunities.	1
<i>Provide additional information to enable users to match their needs with available recreation opportunities and promote use</i>	
16. Promote opportunities to participate in water based recreation through providing additional information and promotion of facilities and programs.	1
17. Develop a program to consistently sign and promote the shared trails in the LGA;	2
18. Identify and promote the unmade road reserves in the LGA as public spaces, especially those with tracks and stairs leading down to the Harbour and identify trails that are accessible to people with prams and mobility devices. Install bubblers at selected locations.	1
Partnerships and Resource Efficiency	
<i>Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council</i>	
19. Examine opportunities to develop partnerships with neighbouring land and recreational facility managers to take advantage of economies of scale and improved programing of recreational facilities.	2
20. Work with other partners and stakeholders such as local schools and the Sydney Harbour Federation Trust to investigate opportunities to increase the range of recreation activities provided within the LGA (beyond the mainstream team sports) and to provide more opportunities to engage in activities with the highest demand.	2

Strategy and Action	Priority (1, 2 or 3)
<i>Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies</i>	
21. Work closely in partnership with National Parks and Wildlife and Sydney Harbour Federation Trust to manage and utilise the foreshore roads for cycling events and training	3
22. Work closely in partnership with the Sydney Harbour Federation Trust to improve sports fields capacity and associated facilities at Middle Head Oval and Georges Heights Oval	1
23. Negotiate with schools over use of Council grass playing facilities in the exchange for use of school hard courts / gyms etc.	1
24. Negotiate with other agencies to support shared / subsidised parking in association with Middle Head Oval	2
25. Work with existing land managers and user groups to manage the Rawson Park and Georges Heights sports facilities more as a sporting precinct with multiple codes (croquet, tennis, rugby, soccer- football, cricket, basketball, netball) sharing support facilities and programming available courts	3
26. Work with the Sydney Harbour Federation Trust to manage and program the tennis courts in conjunction with those in Rawson Park	3
<i>Provide sports development assistance to clubs that have potential for growth where facility capacity allows</i>	
27. Encourage Mosman Bowls and schools to increase participation in bowls and use of the greens	3
28. Encourage better connections between clubs and schools to provide pathways for children to develop sports skills, play club competition and continue to play sports.	2
Managing Capacity	
<i>Increase funds for drainage, sportsground reconstruction, lighting and restoration to enhance hours of use</i>	
29. Identify the most suitable location for the potential construction of a synthetic sports surface, considering access, lighting, potential multiple (priority) users. The field should as a minimum suit soccer –football and be able to be used under lights until at least 9pm	1
30. Consider options for off-field training for sports clubs such as tennis and netball courts.	2
<i>Assist schools to provide additional sporting and recreation space and utilise that current availability for out of hours use</i>	
31. Seek to have all sportsgrounds and courts lit suitably for purpose, to maximise usage	1
32. Explore options to enter into further arrangements to allow community access of / programming of outdoor facilities at Beauty Point Public School e.g. for football training and social basketball	1
33. Explore options to better utilise outdoor space on the perimeter of one or more school sites that can be isolated from the rest of school property - for social recreation activities i.e. basketball games	2

Strategy and Action	Priority (1, 2 or 3)
<i>Seek additional facilities and increase capacity to meet current recreational demand</i>	
34. Provide several public BBQs in the Council area in association with picnic tables / shelter and play facilities away from dog exercise areas where these can be integrated well into park design. Spit West and Sirius Cove initially.	1
<i>Increase opportunities for residents to cycle on-road and off-road</i>	
35. Prepare a plan for the upgrade of off -road cycling and walking tracks to provide: - perimeter path exercise circuits around large reserves (e.g. Reid Park, Spit Reserve, Clifton Gardens, Middle Head Oval) - dedicated path circuits with selected routes that are wheelchair accessible in different localities across the LGA - more continuous cycling and walking opportunities on other government land linking with key sports and community facilities, ferry wharfs and visitor destinations including constructing a trail from Taronga Zoo gate to the wharf	2
36. Refer to the Mosman Bicycle Plan to mark, light and promote several suitable on road training circuits for cyclists.	3
<i>Continue to manage the condition of parks by diverting demand away from overused sites</i>	
37. Provide better water craft storage at Rosherville Reserve and Sirius Cove, and continue to manage craft being left on public open space	1
38. Provide circuits of fitness equipment at a number of key sites in Mosman.	2
39. Consider upgrading the outdoor netball court run outs at the Drill Hall to enable them to be better utilised as 'multi-purpose' courts for other sports such as basketball, futsal and tennis.	2
40. Where the management plan allows, seek to utilise these netball courts for competition and training under lights.	2
<i>Continue to manage potentially conflicting uses through clear allocation policies and education</i>	
41. Prepare codes of conduct for sporting facilities, fitness and dog trainers, water based users, dog owners and path users	2
42. Provide some clear messages to residents through educational material about the importance and benefits of outdoor fitness and personal training (especially for females) and the process Council uses to manage this in parks.	2
Asset renewal	
<i>Enhance the functionality, accessibility and integrated nature of furniture, paths and facilities in parks</i>	
43. Review the design of and increase the number of park furniture, shelters, and paths that can be integrated into park design to improve useability, accessibility and integration of park elements	1
44. Prepare a management plan for Harnett Park, Reid Park, Curraghbeena Reserve and Sirius Cove Reserve and ensure they are developed as a suite, with complementary uses.	3

Strategy and Action	Priority (1, 2 or 3)
45. Work with sailing, rowing, sea scouts and other water based clubs and providers as well as the Dept. of Transport and Maritime Services to provide a suite of contemporary, shared and accessible storage racks and support facilities on public land in Mosman	3
46. As play equipment reaches the end of its useful life, redesign play spaces in conjunction with stakeholders to be more inclusive, family oriented spaces, with higher quality play value, diversity, and more shade and natural and loose materials	2
<i>Renew assets that are in poor condition, functionally obsolete or not fit for purpose</i>	
47. Introduce regular cleaning and concrete maintenance at the Balmoral skate park	2
48. In conjunction with other agencies prepare an asset management / replacement plan for all and sports oval support facilities and clubhouses and water based recreation infrastructure, and upgrade these to provide facilities consistent with core service levels	1

6. Appendices

Appendix 1. Availability of recreation facilities in Mosman, by classification

Classification	Code/Activity	Availability in Mosman	Council owned	Council Managed
SPORTS FACILITY				
Outdoor Greens / Rink Sports	Golf	X		
	Croquet	✓	✓	
	Bocce/ Petanque	X		
	Lawn bowls	✓	✓	
Outdoor Sports Courts	Netball	✓	✓	✓
	Tennis	✓	X	
Outdoor Sports Grounds				
Ovals	Australian rules football	✓	✓	✓
	Athletics	✓	✓	✓
	Cricket	✓	✓	✓
Diamond Sports	Softball, baseball, tee-ball	No purpose-built facility		
Rectangular Codes	Hockey - outdoor	No purpose-built facility		
	Rugby league	X		
	Rugby union	✓	✓	✓
	Soccer - football	✓	✓	✓
	Touch football	✓	✓	✓
Target Sport Facilities	Archery, shooting etc.	X		
Outdoor Motor Sports		X		
Outdoor Equestrian Sports		X		
Outdoor Skate / BMX Facility		✓	✓	✓
Biodiversity / Biological Heritage Space		✓	✓	✓
Social / Family Recreation Park	Dog off-leash area	✓	✓	✓
	Children's play facility	✓	✓	✓
Open Space For Relaxation		✓	✓	✓
Visual Amenity Space / Look Out		✓	✓	✓
Community Horticulture / Garden	Community garden farm	✓	X	
Outdoor Fitness Facility	Fitness stations, climbing, parkour	✓	✓	✓
	Personal training	✓	X	
Memorial Garden	Memorial park	✓	X	
Zoological/ Botanic Garden	Zoo	✓	X	
Off-Road Trail / Outdoor Cycle Sport Facility	Walking track, Shared Trail	✓	✓	✓
	Cycling - MTB, BMX	X		
	Orienteering	X		
Outdoor Aquatic Sports Facility	Aquatic programs / fitness	✓	✓	
	Lifesaving	✓	X	
	Swimming pool (Sea baths)	✓	✓	✓
	Diving	X		
	Triathlon	✓	✓	
	Fishing	✓	✓	✓
Non-Motorised Boating	Rowing	✓	X	

Classification	Code/Activity	Availability in Mosman	Council owned	Council Managed
	Canoeing / kayaking / dragon boating	✓	X	
	Sailing / Yachting	✓	X	
Indoor Courts Sports	Indoor hockey / floorball / handball / futsal	✓	✓	✓
	Indoor netball / basketball	✓	✓	✓
	Volleyball	✓	X	
	Table tennis	✓	X	
	Badminton	✓	Seniors only	✓
	Indoor cricket	X		
Indoor Racquet Sports	Squash / racquet ball	X		
Indoor Skate Facility	Roller derby, skateboard, inline skate, quad skate	X		
Indoor Bowling Sports	Ten pin, indoor bowls, boccia	X		
Indoor Ice Sports	Skating, dance, ice racing, curling, jockey	X		
	Boxing			
Indoor Gym / Fitness / Dance	Group fitness, yoga, pilates	✓	✓ Seniors only	✓
	Dance	✓		
	Gymnastics	✓	X	
	Circus skills	X		
	Martial arts	✓	X	
Indoor Aquatic Facility	Swimming pool, water polo, diving, water play	✓	✓	
Hall / Community Meeting Place	Scouts / guides, Civic Centre community church hall, youth seniors centres	✓	✓	

Appendix 2. Inventory of recreation facilities

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Ashton Park	Biodiversity / Biological Heritage	Bushland		Bradleys Head Rd	Crown	Council
Balmoral Foreshore (North of Raglan)	Open Space for Relaxation	Foreshore	Balmoral foreshore	The Esplanade	Crown	Council
Balmoral Foreshore (South of Raglan)	Outdoor Aquatic Sports Facility	Foreshore	Beach Club, triathlon, sailing, boot camp	The Esplanade	Crown	Council
Balmoral Park	Biodiversity / Biological Heritage	Bushland	Walking trail	The Esplanade	Crown	Council
Balmoral Park	Outdoor Aquatic Sports Facility	Foreshore	Sailing, Sea Scouts	The Esplanade	Crown	Private
Balmoral Park	Outdoor Skate / BMX Facility	Paved area / plaza	Balmoral Skate Park	The Esplanade	Crown	Council
Balmoral Park	Outdoor Sportsground (2)	Managed Turf	Touch football, soccer football, rugby union, cricket, athletics	The Esplanade	Crown	Council
Bay Street Park	Open Space for Relaxation	Bushland		Bay St	Council	Council
Bay Street Park	Social / Family Recreation Park	Open Parkland	Children's play space	Bay St	Council	Council
Beauty Point Park	Open Space for Relaxation	Open Grass Area		Bay St / Quakers Rd	Council	Council
Botanic Road Park	Open Space for Relaxation	Open Parkland		Botanic Rd	Crown	Council
Carroll's Lookout	Visual Amenity Space / lookout	Bushland		The Esplanade	Crown	Council
Cartref Park	Open Space for Relaxation	Treed Parkland		Brierley St	Council	Council
Chowder Bay	Outdoor Aquatic Sports Facility Centre	Foreshore		Chowder Bay Rd	SHFT	SHFT
Clifton Gardens Reserve	Outdoor Aquatic Sports Facility	Foreshore Waterbased Recreation Facility	Swimming pool Fishing Jetty / wharf	Morella Rd	Council	Council
Clifton Gardens Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area Children's play facility	Morella Rd	Crown	Council
Countess Street Park	Social / Family Recreation Park	Open Parkland	Children's play facility (part fenced)	Corner Awaba St / Countess St	Council	Council
Curraghbeena Lookout	Visual amenity space / lookout	Open Grass Area		Raglan St	Council	Council
Curraghbeena Park	Biodiversity / Biological Heritage	Bushland		Curraghbeena Rd	Crown	Council
Curraghbeena Park	Social / Family Recreation Park	Open Grass Area	Children's play facility	Curraghbeena Rd	Crown	Council
Drill Hall Common	Outdoor Sports Court	Specialised Sports Surface	Netball	Cross St	SHFT	Council
Drill Hall Common	Social Family Recreation Park	Open Grass	Dog off-leash area	Cross St	SHFT	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
		Area				
Ellery Park	Outdoor Aquatic Sports Facility	Beach	Jetty	Spit Rd	Crown	Council
Georges Heights Oval	Outdoor Sportsground	Managed Turf	Soccer-football, rugby union, cricket	Suakin Dr / Dominion Cres	SHFT	Council
Hampshire Park	Open Space for Relaxation	Open Parkland		Bradleys Head Road	Council	Council
Harnett Park	Biodiversity / Biological Heritage	Bushland	Walking Trails	Lower Boyle St	Crown	Council
Harnett Park	Open Space for Relaxation	Open Parkland		Lower Boyle St	Council	Council
Harnett Park	Outdoor Aquatic Sports Facility	Foreshore	Canoeing / kayaking / dragon boating	Lower Boyle St	Crown	Council
Herron Park	Open Space for Relaxation	Open Parkland		Raglan St	Council	Council
Hunter Park	Social / Family Recreation Park	Open Grass Area	Children's play area, tai chi, seats	Hunter Rd	Council	Council
Joel's Reserve	Biodiversity / Biological Heritage	Bushland	Off-Road Trail	Julian St	Council	Council
Joel's Reserve	Open Space for Relaxation	Open Grass Area		Julian St	Council	Council
Lawry Plunkett Reserve	Biodiversity / Biological Heritage	Bushland	Off-Road Trail	Botanic Rd	Council	Council
Lawry Plunkett Reserve	Social / Family Recreation Park	Open Grass Area	Dog off leash area, Children play facility	Plunkett Rd	Council	Council
Library Walk	Off-road Trail	Paved area / plaza	Walkway	Between Military Rd and The Crescent	Crown	Council
Little Ashton Park	Open Space for Relaxation	Open Parkland		Whiting Beach Rd	Council	Council
Memory Park	Social / Family Recreation Park	Treed Parkland	Children's play facility (and half court basketball)	Cowles Rd	Council	Council
Middle Head Oval	Outdoor Sports Grounds	Managed Turf	Soccer - football	Middle Head Rd	SHFT	Council
Morella Road Reserve	Biodiversity / Biological Heritage	Bushland		Morella Rd	Crown	Council
Morella Road Reserve	Open Space for Relaxation	Open Parkland		Morella Rd	Crown	Council
Mosman Bay Reserve	Open Space for Relaxation	Open Parkland		Avenue Road	Crown	Council
Mosman Park	Outdoor Sportsground	Managed Turf	AFL, soccer football, dog obedience, cricket, triathlon	The Crescent	Crown	Council
Mosman Park Playground	Social / Family Recreation Park	Open Parkland	Children's play facility	The Crescent	Crown	Council
Mosman Park Anzac Memorial	Memorial garden	Open Parkland	ANZAC Memorial	The Crescent	Crown	Council
Mosman Square	Open Space for Relaxation	Paved area / plaza		Military Rd	Crown	Council
Mosman Community Garden	Community Horticulture / Garden	Garden / Pasture		Mackie Lane	AUSGRID	Private

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Warringah Bowls Club Mosman	Outdoor Greens / Rink Sports	Specialised Sports Surface	Lawn Bowls	Bradleys Head Rd	Private	Private
Warringah Bowls Club Mosman	Indoor Gym / Fitness / Dance	Indoor meeting place / hall	Pilates	Bradleys Head Rd	Private	Private
Sydney School of Soo Bahk Do	Indoor Gym / Fitness / Dance	Indoor	Martial arts	Bradleys Head Rd	Private	Private
Imagination Dance	Indoor Gym / Fitness / Dance	Indoor	Dance	Belmont Rd	Private	Private
Salseros Salsa Sydney	Indoor Gym / Fitness / Dance	Indoor	Dance	Short St	Private	Private
Mosman Dance Academy	Indoor Gym / Fitness / Dance	Indoor	Dance	Spit Rd	Private	Private
Star Dance Studios	Indoor Gym / Fitness / Dance	Indoor	Dance	Melrose St	Private	Private
Fitness First Mosman	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
MediGym	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Rawfit Personal Training	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Vision Personal Training	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Xtend Barre	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Gymbaroo	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Heydon St	Private	Private
Momentum for Life	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Dream Fitness	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	The Crescent	Private	Private
Mosman Pilates	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Sanus Active Body Therapies	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Spit Rd	Private	Private
iTrain Fitness Mosman	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Raglan St	Private	Private
Healthland Fitness International	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Mosman Lawn Bowls Club	Outdoor Greens / Rink Sports	Managed Turf	Lawn bowls	Belmont Rd	Private	Private
Mosman Lawn Tennis Club	Outdoor Sports Courts	Managed Turf	Tennis	Rosebery St	Private	Private
Mosman Tennis Centre	Outdoor Sports Courts	Specialised Sports Surface	Tennis	Bickell Rd	Private	Private
Mosman Swim Centre	Indoor Aquatic Sports Facility	Indoor	Aquatic programs/ fitness, swimming	Vista St	Council	Private
Parrawi Park	Open Space for Relaxation	Open Grass Area	Seating, lookout	Spit Rd	Crown	Council
Parrawi Park Lighthouse Bushland Reserve (Rosherville)	Biodiversity / Biological Heritage	Bushland	Walking trails	Spit Rd	Crown	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Parrawi Park	Hall / Community Meeting Place	Indoor	1 st Mosman Scouts	Spit Rd	Crown	Private
Scots Kirk Hall	Hall / Community Meeting Place	Indoor	Pilates, yoga, tai chi	Belmont Rd	Presbyterian Church	Private
Quakers Hat Park	Biodiversity / Biological Heritage	Bushland	Walking trails	Pearl Bay Ave	Crown	Council
Quakers Hat North	Biodiversity / Biological Heritage	Bushland	Walking trails	Bay St	Crown	Council
Quakers Hat South	Biodiversity / Biological Heritage	Bushland	Walking trails	Bay St	Council	Council
Rawson Park	Biodiversity / Biological Heritage	Bushland		Alexander Ave	Crown	Council
Rawson Park	Outdoor Sportsgrounds	Managed Turf	Cricket, soccer football, rugby union	Alexander Ave	Crown	Council
Rawson Park Tennis Centre	Outdoor Sports Courts	Specialised Sports Surface	Tennis	Alexander Ave	Crown	Private
Mosman Croquet Club	Outdoor Greens / Rink Sports	Managed Turf	Croquet	Alexander Ave	Crown	Private
Marie Bashir Indoor Sports Centre	Indoor Courts Sports	Indoor	Netball, basketball, hockey, floorball, handball, futsal, indoor cricket	Alexander Ave	SHFT	Council
Reginald Street Park	Open Space for Relaxation	Open Parkland		Reginald St	Council	Council
Reginald Street Park	Social / Family Recreation Park	Open Grass Area	Children's play facility	Reginald St	Council	Council
Reid Park	Biodiversity / Biological Heritage	Bushland	Walking trails	Park Ave	Crown	Council
Reid Park	Social / Family Recreation Park	Open Grass Area	Dog off leash area, Children's play area	Park Ave	Crown	Council
Reservoir Park & Boronia House	Open Space for Relaxation	Treed Parkland	Gazebo used for weddings	Military Rd	Council	Council
Rest Park	Open Space for Relaxation	Open Parkland		Avenue Road	Crown	Council
Rosherville Reserve	Biodiversity / Biological Heritage	Bushland		Hopetoun Ave	Crown	Crown
Rosherville Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area, children's play facility	Hopetoun Ave	Crown	Council
Rosherville Reserve	Waterbased Recreation	Beach / Foreshore	Chinamans Beach	Hopetoun Ave	Crown	Council
Sirius Cove Reserve	Outdoor Sports Grounds	Open Parkland	Pre season training (code unspecified)	Sirius Cove Rd	Crown	Council
Sirius Cove Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area, children's play facility	Sirius Cove Rd	Crown	Council
Sirius Park East	Biodiversity / Biological Heritage	Bushland	Walking trails	Sirius Cove Rd	Crown	Council
Sirius Park West	Biodiversity / Biological Heritage	Bushland	Walking trails	Sirius Cove Rd	Crown	Council
Spit Reserve East	Biodiversity / Biological Heritage	Bushland		Spit Rd	Crown	Council
Spit Reserve East	Outdoor Aquatic Sports Facility	Foreshore	Sailing, jetty	Spit Rd	Crown	Council
Spit Reserve East	Social / Family Recreation	Open	Dog off leash	Spit Rd	Crown	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
	Park	Grass Area	area			
Spit Reserve West	Outdoor Aquatic Sports Facility	Foreshore	Rowing, Fishing	Spit Rd	Crown	Council
Spit Reserve West	Off-Road Trail	Paved area / plaza	Cycling, shared walking trail	Spit Rd	Crown	Council
Spit Reserve West	Outdoor Sports Grounds	Managed Turf	Soccer-football, rugby union, cricket (informal)	Spit Rd	Crown	Council
Spit Reserve West	Social / Family Recreation Park	Open Parkland	Children's play facility, dog off leash area, beach	Spit Rd	Crown	Council
Sydney Harbour National Park	Biodiversity / Biological Heritage	Bushland	Bradley's Head Amphitheatre	Morella Rd (and others)	Crown	NPWS
Sydney Harbour National Park (Middle Head Community Garden)	Community Horticulture / Garden	Community Garden	Middle Head Community Garden	Middle Head Rd	Crown	NPWS (private)
Sydney Harbour National Park	Hall / Community Meeting Place	Indoor	Athol Hall	Bradleys Head Rd	Crown	NPWS
Sydney Harbour National Park	Off-Road Trail / Outdoor Cycle Sports Facility	Bushland	Walking trail	Chowder Bay Rd	SHFT	SHFT
Sydney Harbour National Park	Off-Road Trail / Outdoor Cycle Sports Facility	Bushland	Walking trail	Athol Wharf Rd	Crown	NPWS
Sydney Harbour National Park	Social / Family Recreation Park	Beach	Cobblers Beach	Cobblers Beach Rd	Crown	NPWS
Taylors Bay	Outdoor Aquatic Sports Facility	Beach	Taylors Bay	Iluka Rd	Crown	NPWS
The Esplanade	Social / Family Recreation Park	Open Grass Area	Children's play facility	The Esplanade	Crown	Crown
Unnamed Park (Corner of Bickell Rd / Bay St)	Play	Open Parkland	Bickell Place	Corner of Bickell Rd / Bay St	Council	Council
Unnamed Park (Corner of Koowong Ave / Bullencourt Ave North)	Visual Amenity	Bushland	Road reserve	Corner of Koowong Ave / Bullencourt Ave North	Council	Council
Unnamed Park (Corner of Koowong Ave / Quakers Rd)	Visual Amenity	Bushland	Road reserve	Corner of Koowong Ave / Quakers Rd	Council	Council
Unnamed Park (Corner of Spit Rd / Parriwi Road)	Open Space for Relaxation	Open Parkland		Corner of Spit Rd / Parriwi Road	Council	Council
Unnamed Park (Glen St)	Visual Amenity	Bushland	Road reserve	Glen St	Council	Council
Unnamed Park (Shellbank St)	Open Space for Relaxation	Open Parkland		Shellbank St	Council	Council
Wyargine Reserve	Biodiversity / Biological Heritage	Bushland	Wyargine Point	Burran Ave / Stanton Rd	Crown	Council
Mosman Seniors Centre	Hall / Community Meeting Place	Indoor	Badminton, Table tennis, Dance	Mosman Square	Council	Council
Mosman Library	Library	Indoor		Military Rd	Council	Council
Balmoral Beach	Outdoor Aquatic Facility	Balmoral Beach	Windsurfing, Sailing, Kayaking, Paddle Surfing,	The Esplanade	Crown	Council
Balmoral Baths	Outdoor Aquatic Sports	Foreshore	Swimming	The	Crown	NSW RMS

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
	Facility			Esplanade		
Balmoral Wharf	Outdoor Aquatic Sports Facility	Foreshore	Fishing, Boating	The Esplanade	Crown	NSW RMS
Mosman Bay Wharf	Outdoor Aquatic Sports Facility	Foreshore	Wharf	Centenary Dr	Crown	NSW RMS
South Mosman Wharf	Outdoor Aquatic Sports Facility	Foreshore	Wharf	Musgrave St	Crown	NSW RMS
Taronga Zoo	Zoological Garden	Ornamental Garden	Taronga Zoo	Bradleys Head Rd	Crown	Private
Taronga Wharf	Waterbased Recreation	Foreshore	Wharf	Athol Wharf Rd	Crown	NSW RMS

Appendix 3. Summary of open space and recreation facilities in Mosman schools

School	Sport and Recreation Facilities
Mosman Preparatory School	• One indoor hall / basketball court (not big enough for competition sport) • One outdoor court (used for basketball training, tennis, run about / play space) • Two after school care groups use the indoor hall
Sacred Heart Primary School	• One outdoor multi sport court
Queenswood School for Girls	• One indoor hall used for performances, assemblies, dance, drama, gymnastics • One synthetic surface used for netball / basketball / run about • No dedicated sports courts / ovals • A playground with modern playground equipment
Mosman Public School	• One outdoor netball / basketball court • Vegetable garden • School hall
Beauty Point Primary School	• One indoor hall - used for assemblies, not for sport • One outdoor basketball / run about synthetic space • Playground
Mosman High School	• Two outdoor basketball / netball courts • One outdoor tennis court • Exercise circuit
Blessed Sacrament Catholic Primary School	• One outdoor tennis court • Play space • Synthetic run around area

Appendix 4. Mosman Recreation Strategy Action Plan 2001: Status of Actions

ACTION	TASK	STATUS
Establish hard surface netball courts	Submit a Development Application for netball courts at Rawson Park in line with directions in the draft Rawson Park Management Plan.	Completed 2009. 3x External (Drill Hall Common) 1x internal MBSC 1x internal (reduced size) Drill Hall
	Investigate other appropriate locations for hard surface netball courts (as an alternative to Rawson Park) as part of the Development Application process.	Drill Hall Common site developed
	Pursue funding for the development of courts, including grant funding and sponsorship.	Grants received for MBSC & Drill Hall redevelopment
Undertake a program of improvements to sporting reserves.	Implement Council's 5 year Sporting Fields Improvements Program.	Developed and completed majority of priority projects.
	Investigate and address issues and priority works that need to be undertaken at key sporting reserves	Lighting Upgrades completed Balmoral & Rawson Ovals
	Prepare Plans of Management and Landscape Master Plan for Mosman Park, possibly incorporating Mosman Square and surrounds for implementation.	Completed
	Finalise and/ or implement Plans of Management for Rawson Park and Balmoral Reserves.	Completed
Retain the use of Georges Heights Oval and Middle Head Oval and seek additional sporting reserves (as per MOSPLAN 10:01 H).	Represent Council on the Sydney Harbour Federation Trust Consultative Committee and participate in the planning process as per MOSPLAN 10:01.	Completed Sporting Uses identified in SHFT POM's
	Determine Council's future commitment to works, improvements and maintenance for the Georges Heights and Middle Head Ovals. Develop a formal statement of commitment for presentation to the Sydney Harbour Federation Trust.	Informal use / management Agreement ongoing.
	Formalise an agreement between Council and the Sydney Harbour Federation Trust for the use and management of the Georges Heights and Middle Head Ovals, for at least a 20 year period.	Formal licence agreement in development.
	As part of the Sydney Harbour Federation Master Plan process, investigate further opportunities to obtain and establish sporting reserves around Middle Head and Georges Heights.	Input made into SHFT planning processes. Ongoing
Plan for active outdoor facilities for youth, e.g. skate/ rollerblade and BMX facilities.	In accordance with Council's resolution, develop concept designs for a skate/ rollerblade facility for the chosen site/s, in consultation with youth and the broader community. Design and develop the facility once a location is agreed to, and where necessary, have regard to the Flora Fauna Study 2001.	Completed. Skate park Installed Balmoral Reserve 2005
	Continue to respond to proposals and assess site options for a BMX facility, having regard to the recommendations made in the Flora and Fauna Study 2001.	Preferred site not suitable (contamination)
Determine opportunities to increase youth participation in activities.	Facilitate the development of sports and recreation participation programs for young people, through consultations with the Council's Recreation Advisory Group and Youth Advisory Group.	'Advisory Groups' disbanded. Ongoing
Encourage the use of informal and sporting facilities by youth	In consultation with youth, consider the needs of youth in all open space and facility design and planning,	Ongoing
Upgrade and develop quality playgrounds across Mosman.	Implement Council's 5 Year Playground Improvements Program. Continue undertaking works for one larger and one smaller playground each year as a minimum.	Playgrounds upgrade program completed 2013.

ACTION	TASK	STATUS
	Consult with children, parents and Ward Councillors in preparing concept/ detailed designs for each playground prior to upgrade.	2x annual safety inspections. Consultation undertaken in concept planning stage.
Improve existing playgrounds in key areas of informal open space.	As part of Plans of Management, plan for and implement improvements to existing key playgrounds, incorporating unique features and materials	Proposed to recommence program considering safety inspections and AMP
Plan for the appropriate development and use of aquatic facilities in Mosman.	Prepare a management and use strategy for the Council owned 25m public pool to be established in Vista Street in order to ensure the greatest benefit to the Mosman community.	Completed 25m indoor pool completed 2004.
	In accordance with MOSPLAN 10:03 C, assess the appropriateness of and options for establishing another aquatic facility, including a 50-metre pool as desired by the community. Undertake rigorous financial analysis as stated in MOSPLAN	Completed 25m indoor pool completed 2004.
Plan for high standard informal open spaces that support the natural and cultural values of Mosman.	Prepare and implement Plans of Management and Landscape Master Plans for the following key informal open spaces: · Clifton Gardens · Reid Park · The Spit Reserve · Sirius Park · Rosherville Reserve (Landscape Master Plan only) · Rawson Park (PoM under draft)	5 completed (Reid Park outstanding)
	Implement current Plans of Management for: · Balmoral Reserves · Parks, including Rosherville Reserve · Natural Areas (Bushland)	Ongoing - Identified projects prioritised and included in capital works programs.
	Implement Council's 5-year capital works program for the improvement of reserves.	Ongoing - Identified projects prioritised and included in capital works programs.
	Incorporate public art and heritage features in key informal open spaces, as part of Plans of Management and playground planning.	Ongoing. - Identified projects prioritised and included in capital works programs.
Undertake a review of paths in Mosman.	Assess the existing provision of walking and cycle paths and develop strategies to address issues and improve the provision	Completed / ongoing
	Review Council's provision of boat/ dinghy racks and the location of boat racks.	3x dinghy racks installed. 2x to be completed (Rosherville & Sirius Cove)
Investigate the options for indoor and outdoor hockey.	Liaise with SHOROC and potential user groups on the options for establishing a dedicated synthetic surface hockey field in the region.	Regional project. Incomplete.
	In consultation with hockey associations/ clubs, investigate the opportunities to establish an indoor hockey facility, possibly as part of Sydney Harbour Federation Trust planning for Georges Heights and Middle Head.	Not included in SHFT POM for the area.
Improve disability access and undertake special 'access' projects.	Prepare a five-year action plan to improve disability access within all planning and operations, including catering for people in wheelchairs and people with sight impairments.	Pedestrian Access and Mobility Plan (PAMP) completed. Key projects identified. Accessibility considered in all capital projects.
	Investigate and plan special disability initiatives,	Ongoing. Facilities improved and improved accessibility considered in all capital projects.
Establish new programs and events in Mosman.	Draw on the document 'Creating Active Communities, Physical Activity Guidelines for Local Councils' to identify opportunities for programs and activities that support physical activity.	Ongoing
	Consult with the Council's Recreation Advisory Group to develop program and event initiatives. Facilitate and support programs and events developed by this group.	Advisory Groups' disbanded. Ongoing

ACTION	TASK	STATUS
	Provide for staff to publish a quarterly bushland newsletter and hold meetings for persons involved or interested in bushland issues.	Complete and ongoing. Mosman Bushland Matter published 4x pa.
	Prepare a brochure showing the location and nature of parks in Mosman including playgrounds and facilities.	Completed. 2005. Web info updated 2014.
	Involve local clubs and community groups in the development of programs, e.g. sailing and rowing programs. Provide support by providing 'seed' funding and/ or promoting programs.	Programs provided by local clubs and private operators utilising public reserves
Further develop Council's volunteer program, through training and resources.	Provide training and allocate resources that support projects within Council's bushcare volunteer program.	Competed and ongoing. Regular bushcare training opportunities provided.
	In consultation with the Recreation Advisory Group, develop a volunteer program linked to recreation and sport,	'Advisory Groups' disbanded. Ongoing. Clubs advised of NSW Sport & Rec programs.

About this document

This document is the Draft Mosman Open Space Recreational Needs Assessment 2014.

It follows the preparation of a Demand and Consultation findings document and the Recreation Facilities Supply analysis. These were provided previously as separate documents.

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Executive Summary

The project brief was to review the Mosman Recreational Needs Assessment prepared in 2000; the current provision, use and users of outdoor recreational facilities in Mosman, and assist Council with planning for development, improvement and maintenance of future recreation facilities in the next 10 years.

Demand

The demand assessment included an analysis of the demographic profile of Mosman and implications for recreation participation, the projection of future participation in activities and use of facilities, and community engagement.

Mosman has a relatively small population with little growth, (.6% in next 10 years) to approximately 30,000 people. It has increasing housing density and lone person households. In the future there are fewer school children and families with children projected, these things will contain local recreation demand especially for team sports. However with increasing expectations, and as a small LGA with high aesthetic qualities and harbour front facilities, and constraints on sports facility availability in the LGA and neighbouring Councils, the demand for opportunities is likely to continue to increase.

The community engagement process included:

- Online householder and community organisation surveys
- An intercept survey of users in public spaces
- Telephone interviews with peak sporting bodies, adjacent Councils, schools, clubs and providers
- Calls for submissions and comments through print, social media and council website, and
- Workshops for residents and organisations

The community engagement process highlighted additional demand than can be met, (consistent across all forms of consultation) for the following activities: swimming, basketball, physical exercise programs / equipment, cycle and walking trails and additional sportsgrounds. Other issues regularly raised included: netball facilities, kayak / water based club activities, facilities for young people, practice facilities, improved play spaces and BBQ/picnic, spaces for and management of dogs, shade, tennis and hockey facilities.

The findings of the community engagement process are summarised in the separate Demand and Consultation Findings document.

When asked what types of things would enable people to participate in activities they like but don't do now the main things reported are **more complex than just providing facilities. Key examples include:** Put me in touch with someone I can go with; provide assistance to get there and during the activity; and provide either an opportunity to learn ... programs and classes, or targeted information.

Supply of Opportunities

The LGA is almost completely surrounded by Sydney Harbour, with only the western boundary adjoining land. It is characterised by its high aesthetic qualities, undulating topography, historic significance, large areas of bushland, Crown-owned foreshore open space and a number of unmade roads. These all provide high value open space and contribute significantly to the health and wellbeing of residents and visitors. These characteristics however provide some considerable constraints in developing indoor and competitive sports facilities, which are in high demand.

Mosman has five sports grounds¹: Mosman Park (Allan Border Oval); Balmoral Park East / West; Georges Heights Oval; Middle Head Oval, and Rawson Oval. These are overused in winter, and can't meet the demand for the range of sports desired by Mosman residents.

There is a narrower range of recreation activities since the 2000 plan. For example, lacrosse, baseball, and squash are no longer played in Mosman. Facilities not in Mosman, but in neighbouring LGAs include: Golf, BMX and MTB, orienteering, diving, water polo, outdoors climbing, ice sports, dance and gymnastics.

There are many constraints in providing new facilities in Mosman however more could be made of water based recreation, promotion and protection of unmade road reserves, especially for fitness access to the Harbour, trees and contact with nature. Some additional packaging, co-location and sharing of sports facilities in multi sport hubs, across land management boundaries may provide additional opportunities.

¹ Rosherville Park, Reid Park and The Spit Reserve are used for pre-season training and some junior sport.

An overview of facilities is provided in the separate Recreation Facility Supply document.

The key opportunities the Council can action to assist in meeting increasing demand include the following:

Equity and Diversity: making opportunities and infrastructure more accessible to a wider range of people, with a priority focus on providing play opportunities, trails and ensuring open space and facilities are equitably distributed. This includes promoting what is accessible to people with a disability for example, to create better choices. Maintaining a good diversity of open space close to where people live is also important for healthy lifestyles and with increasing urban densities.

Programmability and Utilisation: enhancing utilisation of existing facilities on public land for a range of activities at different times of the day, and to program space not typically programmed will provide additional value to residents.

Partnerships and Resource Efficiency: Developing partnerships with adjacent councils, other land management agencies, sporting associations and schools will create more opportunities for participation, and provide efficiencies in service delivery and asset management.

Managing Capacity: Demand may need to be diverted from some locations such as Balmoral to maintain quality. Sportsgrounds capacity will need to be increased through surface enhancements and more intensive management to, accommodate more people, more often.

Asset Renewal: Many assets are reaching the end of their functional life; particularly support facilities in sporting reserves and along the water. As assets age, there are opportunities to enhance functionality, accessibility, capacity and performance rather than replace like with like. In a number of cases strategic planning can ensure parks provide a suite of more complementary experiences and design better integrate facilities into park settings.

- Quality and location of parks and reserve, and harbour access, history – like no where else. Walking tracks.
- Very limited access to indoor sports- trend towards indoor
- The main opportunities Council has to address demand is

1. Introduction

The project

The project brief was to review the Mosman Recreational Needs Assessment prepared in 2000; the current provision, use, users and provision of outdoor recreational facilities in Mosman, and assist Council with planning for development, improvement and maintenance of future recreation facilities in the next 10 years.

Recreation facilities were classified and analysed along with demand in those categories.

The influence of the demographic profile and changes were analysed along with potential participation based on state participation rates, NSW sports participation rates and local membership.

The community engagement process included the following:

- An online householder survey
- An online community organisations survey
- An intercept survey of users in public spaces
- Face to face interviews with adjacent Councils
- Telephone interviews with peak sporting bodies
- Telephone interviews with schools
- Telephone surveys of clubs and groups providing recreation activities in Mosman
- Calls for submissions and comments through print, social media and council website
- Workshops for residents and organisations

The findings of the community engagement process are summarised in the separate document Mosman Recreation Needs Assessment: Demand and Consultation Findings.

Context

Mosman is one suburb and a local government area located on the lower North Shore of Sydney, approximately 8 kilometres from the Sydney CBD.

The LGA is almost completely surrounded by Sydney Harbour, with only the western boundary adjoining land.

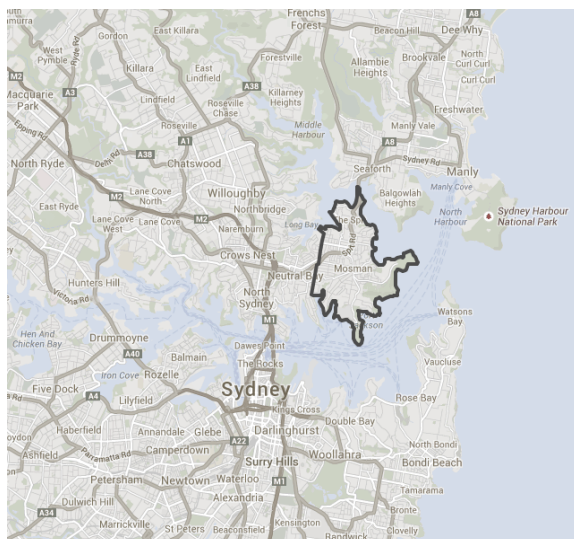


Image 1: Mosman Council LGA

Mosman is characterised by its high aesthetic qualities, waterfront location, undulating topography, historic significance, high property values, large areas of bushland, Crown-owned open space adjacent to the foreshore and a number of unmade roads that provide open space values. These characteristics all contribute significantly to the value of open space, as well as providing some constraints and opportunities associated with supply.

Mosman is primarily residential, with a small commercial / retail focus around Military Rd.

Mosman and the harbour frontages have a very high level of significance for cultural heritage. There are a number of defence embattlements and memorials in open space along the foreshore.

This area is also a significant area for Australian art history. Artists' camps were formed at Balmoral Beach and Sirius Cove where Heidelberg School artists such as Tom Roberts regularly painted.

A high proportion of residents have a swimming pool or sports facility (such as tennis, basketball or netball court) at home.

The last plan

Key achievements from the last plan include the following:

1. Indoor and outdoor netball courts constructed (Drill Hall and Common)
2. A program of improvements to sporting reserves implemented
3. A plan for active youth: Skate park constructed in Balmoral Reserve in 2005
4. Plan for development of aquatic facilities: 25m indoor pool constructed in 2004
5. Playground upgrades completed in 2013
6. Plans of management prepared for Parks and Bushland 2012. Rawson Park 2001 Clifton Gardens 2003, The Spit Reserves 2011, Rosherville Reserve Chinamans Beach 2010
7. A review, and bike and pedestrian plans completed and projects prioritised
8. Boat / dingy racks and the locations reviewed. Three dinghy racks installed.
9. Improved access. Pedestrian Access and Mobility Plan (PAMP) completed. Key projects identified. Accessibility considered in all capital projects
10. Lighting upgrades completed on Balmoral & Rawson Ovals
11. Subsurface drainage completed at all ovals
12. Initiatives identified with Recreation Advisory Group
13. Brochure on playgrounds in Mosman completed. 2005. Web information updated regularly
14. Provided training and allocate resources that support bushcare volunteer program. Mosman Bushland Matters published 4 times per year

The key actions of the last plan not yet achieved for various reasons include:

- Seek additional sporting reserves (Drill Hall Common & MBSC developed)
- Assess site options for a BMX facility (Proposed site found not suitable and the need for a BMX specific facility was reviewed)
- Reid Park Plan of Management
- Boat/ dinghy tracks and racks (Rosherville & Sirius Cove yet to be completed)
- Special disability initiatives: Access to the beaches, Play spaces, Sensory gardens, and Paths in natural areas/ foreshore
- Programs and activities that support physical activity
- Volunteers involved in sports development programs for young people

Appendix 4. lists the status of actions from the last plan.

2.1 Open space and recreation facility provision

2.1 Facility overview

This project principally concerns Council owned or managed open space and recreation facilities.

Mosman has 220 ha of open space that is owned or managed by Council or Crown agencies (see *Image 2*). Council manage 32 open spaces with a recreation function covering an area of over 17 ha. There are a further 31 ha of bushland areas managed by Council.

The major spaces are generally located at the east of the municipality or are foreshore reserves. See following image.

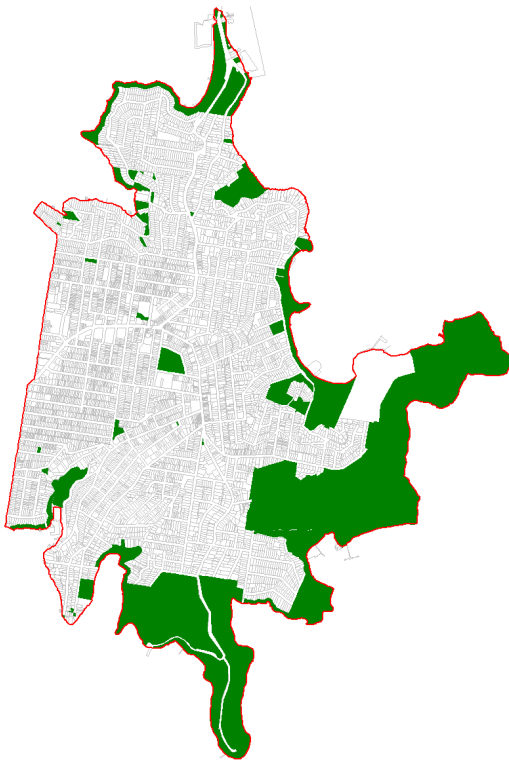


Image 2: Location of open space in Mosman

The quality of public open space and the general public domain contributes significantly to the health and wellbeing of residents and visitors. This quality is enhanced by harbour views, the presence of historic features, mature trees and vegetation, as well as the quality of adjacent housing.

Appendix 1 outlines the availability of recreation facilities in Mosman by classification.

Appendix 2 provides a list of known recreation facilities in Mosman – including those owned or managed by clubs, government agencies and the private sector.

For a small local government area there is a good range of facilities available. The following types of recreation facilities are not present in the Mosman LGA, but most are available in the broader area:

- Outdoor greens / rink sports – (golf, bocce, petanque)
- Outdoor sports courts – beach volleyball
- Outdoor sports grounds – diamond sports and target sports
- Off-road trail outdoor cycle sport facility –BMX and MTB and orienteering
- Outdoor aquatic sports facility – diving and water polo
- Outdoor climbing facility
- Outdoor motor sports
- Outdoor equestrian sports
- Indoor climbing facility
- Indoor racquet sports – squash and racquet ball
- Indoor skate/ BMX facility – skateboard, inline, scooter and BMX
- Indoor bowling sports – ten pin bowls and carpet bowls
- Indoor ice sports – ice racing, skating, curling and ice hockey
- Indoor gym/fitness/dance – gymnastics hall

Open space owned by others

The Crown owns much of the public open space in Mosman. Crown owned open space is concentrated on Mosman's foreshore and in the fingers of bushland inland. Council manages a large number of parcels of Crown land, including: Balmoral Reserve, Rosherville Reserve, Spit Reserve and Mosman Park.

Significant open space and recreation features are located in the Sydney Harbour National Park. These include:

- Cobblers Beach
- Middle Head
- Georges Head
- Chowder Bay
- Bradleys Head
- Athol Hall
- Bradleys Head amphitheatre / military relics

Within the Mosman LGA there are other significant open space / recreation facilities owned or managed by other authorities. These include:

- Sydney Harbour Federation Trust land
- Privately managed art centres, galleries, museums and community gardens
- Water based recreation facilities – e.g. boat sheds, jetties and wharfs, managed by NSW Roads and Maritime Services
- Taronga Zoo
- Church Halls are often used for community purposes such as playgroups, youth groups, and seniors' recreation activities. Scots Kirk Hall (Presbyterian Church hall is used by community groups for tai chi, Pilates and other programs)
- Recycled buildings on Sydney Harbour Federation Trust land at Georges Heights including artists studios, gyms, a dance studio, a child care centre, events centre, accommodation

Other significant open space / recreation facilities outside the Mosman LGA

Significant areas of open space and recreation facilities located close to, yet outside Mosman Council include:

- Cammeray Golf Course (North Sydney Council)
- North Bridge Golf Course (Willoughby Council)
- St Leonards Park (North Sydney Council)
- Tunks Park / Flat Rock Gully (Willoughby Council, North Sydney Council)
- North Sydney Olympic Pool (North Sydney Council)
- Manly to Spit Walk (Manly Council)
- North Sydney Oval (North Sydney Council)
- Manly Dam (Warringah Council)

The community survey identified a number of sports and facilities that are undertaken / used outside of Mosman by Mosman residents, as these activities or facilities are not available in Mosman. These activities include: Rugby League (North Sydney and Manly) Golf, (North Sydney), Basketball (Willoughby, and North Sydney), Hockey (Sydney Olympic Park, and Pennant Hills-Hornsby Shire) and Mountain Biking (Warringah Council).

2.2 Open space and recreation facilities, by type

Outdoor sportsgrounds

Mosman has five sports grounds²:

- Mosman Park (Allan Border Oval)
- Balmoral Park East / West
- Georges Heights Oval
- Middle Head Oval
- Rawson Oval

All ovals except for Mosman Park are located in the east of the municipality (see Image 3).

All have been constructed as ovals (rather than as rectangular grounds). These grounds cater primarily to soccer (football), cricket, rugby, and Aust. Rules football, as well as athletics, triathlon, school sports and some hockey.

There are three grounds with turf wickets, due to the level at which cricket is played in Mosman.

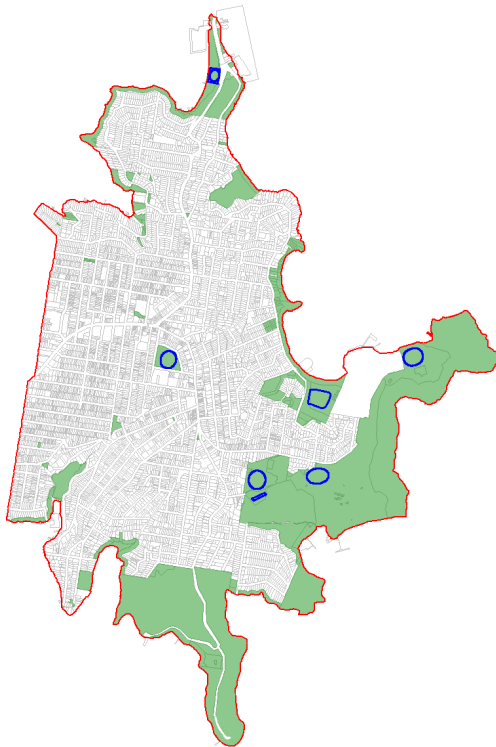


Image 3: Location of sports grounds in Mosman (in blue)

² Rosherville Park, Reid Park and The Spit Reserve are used for pre-season training and some junior sport.

Target sports

There are no known target sports such as sport shooting or archery in the LGA.

Diamond sports

Teeball have used the Middle Head Oval.

There is some suggestion that George Heights Oval is sometimes used for softball by schools.

There is no baseball played in the LGA. Mosman Baseball Club disbanded in 2009.

Outdoor greens / rink sports (e.g. croquet, lawn bowls, golf)

Mosman has two lawn bowls clubs: Warringah Bowls Mosman (two synthetic greens), and Mosman Bowls Club (two grass greens).

There is one croquet club (Mosman Croquet Club) in Mosman. Mosman Croquet Club is located on Rawson Park. Croquet NSW remarked that the Mosman Croquet Club have 'the best facilities in the State'. The Club is looking to improve all abilities access on lawns 3 and 4.

There are no golf courses in Mosman, however there are several within 5km. The nearest courses are located in North Sydney Council (Cammeray), Willoughby (Northbridge Golf Club) and Manly (Balgowlah Golf Club). In addition, there are others located in the Manly area.

There are no facilities for bocce or petanque in Mosman.

Outdoor sports courts (e.g. netball, basketball, tennis)

Tennis

Tennis courts in the Mosman include: two courts on Harbour trust land, one tennis court in Mosman High School, four synthetic tennis courts in Rawson Park (leased by the Crown to a private operator), the Mosman Lawn Tennis Club, and a private one court tennis centre at Bickell Road Mosman.

The Mosman Lawn Tennis facility is a site with 6 lawn courts. It does not have lights and further development of this facility is constrained by the residential setting.

A large number of residential dwellings have tennis courts in Mosman.

Netball

Council has a three-court outdoor netball facility at Rawson Park. This is not lit, and is not able to be used for competition due to the conditions of the lease and the Management Plan, as land is under the control of the Sydney Harbour Foundation Trust. The run-outs of the courts are not sufficient for competition.

The indoor court at Marie Bashir Indoor Sports Centre is also suitable for netball.

Basketball

Council has one half-court basketball court in Memory Park and one in Clifton Gardens.

There are no full sized courts provided by Mosman Council and most schools do not provide public access to their courts for social use outside of school hours.

One indoor facility (Marie Bashir Indoor Sports Centre) provides basketball (and a range of other indoor activities to hirers), however this centre is not available for casual basketball use.

Parks and social, family recreation space

Social / family recreation open space provides unorganised play and social opportunities for people of different age groups and abilities. Open spaces in Mosman that provide a social / family recreational function include:

- Balmoral Foreshore/ The Esplanade
- Spit Reserve West
- Mosman Park
- Bay Street Park
- Clifton Gardens Reserve
- Countess Street Park
- Curraghbeena Park
- Hunter Park
- Reginald Street Park
- Reid Park
- Sirius Cove Reserve
- Memory Park

There is a skate facility at Balmoral Park.

Children's play spaces

Recreation facilities specific to young people include 14 public playgrounds (see Image 4). Since the last plan Council has undertaken a major upgrade of its playgrounds.

Some areas of the Council area are more than 800m (considered an excessive distance to walk with children) from playgrounds. Residential areas furthest from play spaces include those around northern Bradleys Head Rd, and the Bay St / Beauty Point Rd area.

Site inspections indicated the use of sand in a number of play spaces (which has high play value), the access to natural elements in many as well as high quality lawn areas.

However, there are few play equipment areas that are inclusive of people with a disability.

The following image shows the location of playgrounds in Mosman.

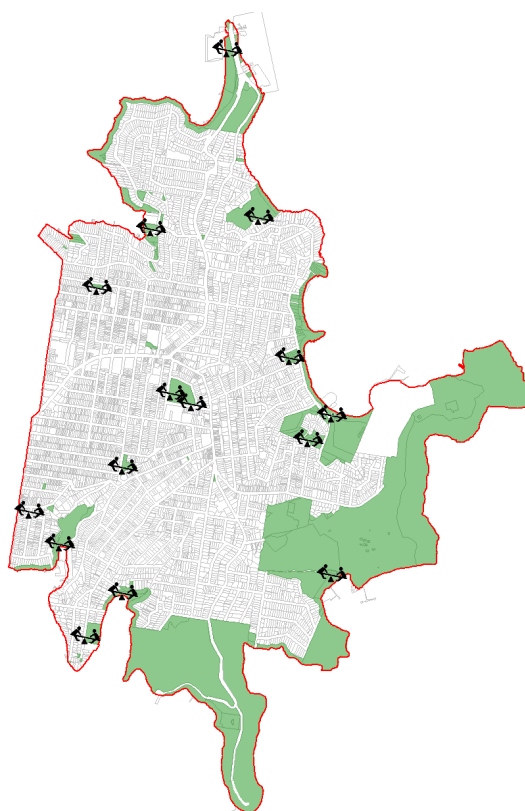


Image 4: Location of playgrounds in Mosman

Council only has two play spaces with bark chips for soft fall. Staff noted that many residents have indicated that they don't like this surface.

During site inspections it was noted that some play space reserves are partly fenced. Some sites have fencing very close to the equipment without open space and landscape elements surrounding equipment or inside the fence. Play activities tend to spill out from equipment, so it is not desirable for a fence to tightly corral that equipment.

Children have a relatively good distribution of informal and unorganised opportunities for play in natural areas, and for physical activity, especially those who live within walking distance of the water.

Dog socialisation and exercise areas

Designated dog off-leash areas in Mosman include (subject to times/dates):

- Rawson Park (parts of)
- Lawry Plunkett Reserve
- Reid Park
- Spit Reserve West
- Spit Reserve East
- Clifton Gardens Reserve
- Sirius Park
- Rosherville Reserve
- Sirius Cove.

None of these spaces are fenced.

Dogs are allowed on one beach (Clifton Gardens) before 9 am and after 4 pm. Dogs are not allowed on sports grounds (prohibited on Rawson Oval and Drill hall Common).

Outdoor skate / BMX facilities

Mosman has one skate park at Balmoral Park (recently constructed). There are no BMX facilities.

The skate park is not in a very central location for young people to reach, although it is colocated with the very popular Balmoral Park.

Skate websites suggest that the facility is showing some wear and tear and that it needs to be kept clean.

Outdoor gym and fitness facilities

Council has fitness equipment at Balmoral and plans to introduce static exercise equipment at Spit West.

There are a large number of private fitness and gym operators with facilities that are located in Mosman.

There are a number of fitness trainers registered to use public space by Council. Council has a registration process for personal trainers, where they pay an annual license fee per year for a specific number of persons. Judging from the response from community consultation a number of residents do not appear to know this – thinking

instead that they are unauthorized users of public space. Personal trainers do not have identified specific licenced locations, although licences to use Balmoral foreshore and oval area are more expensive due the area's popularity for training.

Spaces protecting bushland and biodiversity values

Council manages 22 areas protected for their biodiversity values and bushland, covering 31 ha. These areas provide:

- important habitat for fauna (particularly birdlife) and protection of flora
- visual amenity and vertical interest in residential areas
- buffers and screens residences from roadways and vehicle noise
- valuable access to nature and environmental education for children
- restorative values that contribute significantly to residents and visitor's sense of wellbeing
- high quality setting for walking and cycling
- a major contribution to air and water quality and reduces the heat island affect of hard surfaces in residential areas

Many unmade roads in Mosman have pockets of bushland/urban forest on them. Local bushcare groups contribute to the maintenance of these.

Unmade roads

Council own 89 unmade road reserves covering 7.5 ha. These provide a significant resource to Mosman residents, in that they protect:

- Pockets of green space in increasingly high-density residential areas.
- Views and areas open to the sky.
- Pockets of vegetation, habitat and many pockets of bushland close to residences.
- Valuable public access to the waterfront.
- Walkways and stairs for exercise
- Open space for play.

A number of these unmade roads have retaining walls, stairs and paths that are likely to require renewal or upgrade in the near future. There are also likely to be some encroachment issues associated with these spaces.

Outdoor aquatic sports facility (swimming, boating and fishing facilities)

Council has two outdoor sea baths at Balmoral and Clifton Gardens, and a small tidal children rock pool at Edwards beach. There is a small boat jetty at Inkerman Street. There was a third bath at Quakers Hat that was substantially demolished in the 1990's.

The North Sydney Olympic Pool is also located south west of Mosman.

There are a number of water-based recreation and sporting clubs located in the LGA. These clubs include swimming, triathlon, rowing, sailing, yachting, outrigger canoe, sea scouts, and a beach club that provides lifesaving activities for young people. Sailing, yachting and sea scouts operate from Balmoral Beach. The Mosman Rowing Club operate out of the Spit Reserve.

Water based recreation opportunities range from social, school, hire based services to club and elite Olympic standard yachting and rowing facilities and programs.

Access to and along the foreshore

Much of the Mosman waterfront is in private ownership, or is Sydney Harbour Federation Trust or Defence or National Park land and therefore there is restrictions on access for residents and visitors, and their use of this land for recreational purposes.

There are still some aging pieces of infrastructure on public land along the foreshore and a number of buildings have been recycled for commercial and community uses.

There are some unmade road reserves that provide access to the harbour, however due to the location of private land it is not possible to provide continuous public access to, and along the foreshore.

Key unmade roads that provide public access to the waterfront include:

- Burrawong Avenue (Taylors Bay)
- Wyong Road
- Shellbank Avenue
- Burton Street, Inkerman Street, Bickell Place (Quakers Hat Bay)
- Fairfax, Edwards Bay Road, Awaba Street, Mandolong Road (Hunter Bay)
- Grecia Lane, Rosherville Road (Middle Harbour)
- McLeod Street, Boyle Street (Mosman Bay)
- McLeod Street, Illawarra Street, Sverge Street (Little Sirius Cove)
- Musgrave Street, Raglan Street (South Mosman)
- Pulpit Lane, Quakers Road (Quakers Hat Bay)
- Unnamed Road (The Spit East)

Fishing facilities

Council has three small jetties / wharfs: Inkerman Street wharf, Balmoral and Clifton Gardens.

The main fishing locations in Mosman are Clifton Gardens, Sirius Cove and the Spit Reserve (and Ellery Park). Council provides one fish-cleaning tray.

Aquatic areas surrounding Mosman are part of the Sydney Harbour Intertidal Protected Area. They are dedicated for the protection of selected rocky habitats and intertidal species. Collection of intertidal animals (such as crabs, snails, cunjevoi, octopus, sea urchins, anemones, pipis, cockles, mussels, oysters, and saltwater yabbies) is strictly prohibited in this area. Fishing is permitted in Intertidal Protected Areas, but bait collection is not allowed.

Beaches

Council has several beaches located along the eastern foreshore. These include Chinamans Beach, Balmoral Beach, Clifton Gardens and Sirius Cove. Rosherville Reserve has the last natural beach in Sydney Harbour. Council has provided sand to retain a small beach at Spit Reserve West.

Mosman's beaches provide an important resource for a large number of people from the Greater Sydney area.

Off-road trails

Mosman has a number of walking tracks. The most significant tracks run through Sydney Harbour National Park and adjacent open spaces.

Significant off-road trails in Mosman include:

- Harbour Bridge to The Spit Bridge walking track
- Bradleys Head to Chowder Bay walk
- Mosman Park and Balmoral Park (several of Mosman's larger open spaces) are part bounded by perimeter paths.

Council also has some inner urban spaces and unmade roads that provide walkways, access to the water and public domain in association with community and shopping areas, such as the Library walk.

Council has some excellent information about walks in Mosman, including information about history and features along the walks.

There are few off-road shared paths suitable for cycling in Mosman, and few large reserves that have perimeter paths around them.

The majority of the major foreshore walks are not accessible to people using wheelchairs or mobility devices.

The stairs at Balmoral make it difficult for people with a disability to train on the beach with the triathlon club.

Cycling

The Triathlon Club use Obelisk Bay and Middle Head Road for four triathlons a year.

While the LGA has a number of great opportunities to train with undulating topography and some limited through roads – such as through the National Park, the quality of roads is a concern for competitive cycling.

Mosman Council does not have any cycle sports facilities such as a velodrome, criterium circuit, mountain bike or BMX track facilities. Mountain bike riders go to Manly Dam and Terrey Hills to ride.

Open space for relaxation

Mosman has a large number of open spaces (see Appendix 2) with higher environmental quality without facilities for social, recreational activities, which are protected because they are bushlands.

It has been suggested that community want reserves to maintain their character and identity rather than changing them to; improve quality, "modernise" facilities or increase participation.

A number of small spaces that have high amenity value may be able to accommodate facilities such as community gardens, trails or other activities. However there is often unwillingness by adjacent residents to activate such spaces.

Visual amenity space / look out

Mosman has a number of spaces providing lookouts over the harbour. In fact there are constraints on development of some foreshore land due to the visual importance of this to Sydney Harbour and Sydney's history. Two open spaces have a formal look out function: Carroll's Lookout and Curraghbeena Lookout. These are important to view harbour events such as the New Years Eve fireworks. A number of unmade road reserves also serve this function.

Community horticulture / garden

Mosman has two community gardens operated by the Mosman Community Gardeners Association: Mackie Lane Garden and Middle Head Garden (Soldiers Institute). Both gardens are on land not owned by Council.

All plots are communal and some herbs and plants are located outside the fence to allow residents to enjoy them.

Council has found it difficult to gain an acceptance from adjacent residents to locate additional community gardens in parks in Mosman.

Other outdoor fitness facilities (e.g. climbing, parkour etc.)

Mosman does not have any outdoor fitness facilities other than exercise equipment. However there is some evidence of climbing and parkour at the Spit and the cliff has been used for bouldering.

Memorial gardens

Part of Mosman Park (also known as Memorial Park) is set aside as a war memorial. The adjacent space is also used as a parade ground. This space is important on occasions such as ANZAC day, but also due to the close proximity to defence establishments and Mosman history related to defence.

There are no cemeteries or crematoria in Mosman.

Indoor facilities

Whilst indoor facilities are outside the scope of this plan it is necessary to broadly consider these in context with outdoor opportunities.

Indoor courts sports

Marie Bashir Indoor Sports Centre is Mosman's premier indoor recreation facility. It is a single court facility managed directly by Council. It is used for futsal, netball, indoor hockey and basketball competitions as well as casual hire. It is not open for casual use, and the centre is not programmed, rather it is purely available for hire.

The facility's value is limited by being a single court. This limits flexibility of use, the number of codes that can use it, the size of any indoor sports clubs and the cost per participant to run.

The Mosman Drill Hall is located adjacent to the Marie Bashir Indoor Sports Centre. It is owned by the Sydney Harbour Federation Trust and can be hired for private functions and community activities. One of its principal users is an afterschool program. It has sport court markings but is not currently used for sport.

The Drill Hall could also potentially accommodate young children's sports development programs, training to minimise outdoor ground use, group fitness activities, dance or older adult sports such as table tennis, soft tennis and movement classes such as pilates and yoga. It appears to be used for programs, which do not need a sports floor and is underutilised as a sporting facility during the day.

Some schools also provide indoor sports courts.

There is considerable demand for additional indoor sports clubs and to a degree this can substitute for the lack of opportunities for training for outdoor sports clubs.

Indoor racquet sports

Mosman does not have an indoor racquet sports facility. Both badminton and squash are no longer sports played in Mosman. Mosman Square Seniors Centre does offer table tennis to seniors.

Other indoor facilities

Mosman does not have an indoor skate centre, (the closest venue for roller derby is Sydney, and for indoor skateboarding is at Sydney Olympic Park), Indoor bowling sports, (the closest facilities are in the Sydney CBD), Indoor ice sports (the closest venue is Macquarie Ice Rink in North Ryde).

Indoor aquatic facility

Mosman has one indoor aquatic centre: Mosman Swim Centre. Mosman Swim Centre is located on Vista Street, Mosman. It provides a six lane 25m indoor-heated pool and activities such as learn to swim, aquarobics and swim club.

Queenwood School for Girls own an indoor aquatic facility (Lawrence Pool).

Hall / community meeting place

Halls and community meeting places in Mosman include:

- Balmoral Scout Hall (Balmoral Park)
- Scout and Guide Hall (Parriwi Bushland Reserve)
- Athol Hall (Sydney Harbour National Park)
- Mosman Seniors Centre (Spit Junction)
- Mosman Drill Hall (Cross St)
- Mosman Art Gallery and Community Centre

Other indoor spaces used for fitness and recreation activities in Mosman include Kirk Hall, which is part of the Presbyterian Church. Mosman Library, the senior citizens centre and the youth centres all provide indoor recreation opportunities. Mosman High School and bowling clubs are also used for fitness and recreation activities.

Recreation facilities in schools

Mosman has seven schools. These schools generally have limited space for recreation.

Schools train and compete on Mosman's sport reserves as well as at water-based facilities such as Mosman Rowing Club (Spit Reserve West) and private providers on the Balmoral foreshore.

Schools (combined) are the third biggest type of users of Councils sportsgrounds, using them for more than 1600 hours in 2013.

As few schools have open space or compliant sports facilities there is little opportunity for community clubs to utilise these. However, most schools do have outdoor sports courts and / or school halls. These could contribute opportunities especially for teenagers.

Mosman High School has a community college, which operates from the school and additional community facilities. This provides a wide range of sporting, fitness and recreation programs.

Some schools are located in close proximity to open space.

Appendix 3. lists known facilities provided at schools in Mosman.

3. DEMAND FOR RECREATION ACTIVITIES – OVERVIEW

The assessment of demand for this project included: analysing the demographic profile of Mosman and implications on sport and leisure; analysing available usage and participation data; projecting participation in sport and recreation activities and likely use of different facility types; and community engagement.

The community engagement process for this project included: a householder and community organisations survey, opportunities to comment or make a submission, onsite intercept surveys, telephone interviews of clubs, stakeholders and peak bodies, and workshops with staff, stakeholders, and community.

Further information about the population profile and implications for recreation, and the findings from the community engagement process can be found in the Demand and Consultation Findings document previously submitted for this project.

3.1 Key demographic characteristics that have an influence on leisure needs

Key characteristics of Mosman that influence leisure behaviour are as follows:

- Slow growth in population, (.6% in next 10 years) to approximately 30,000 people.
- Increasing housing density (63% of dwellings medium or high density)
- All new dwellings will be apartments
- Thirty five percent of dwellings will be lone person households by 2024 (up 2%)
- Fewer school children and families with children by 2024 (down by 2%)
- An increasing proportion of older adults and people with a disability. Twenty-two percent of population will be 65 years or older by 2024.
- High employment and discretionary income, and education levels (almost double median household income of NSW average)
- Only .5% of dwellings are public housing
- A small proportion of non-English overseas born residents (less than 14% of residents)

- Mosman attracts a high number of visitors to its foreshore parks, perhaps because of its high aesthetic values, foreshore parks and beaches, harbour views, accessibility to the Warringah freeway and Taronga Zoo.

Implications of demographic profile and population size

The cost of increasing the level of service and range of services spread across all areas will be a challenge due to the constrained population growth and rate base and limitations of existing supply..

Any increasing densities will mean the further loss of private open space and potentially restorative values, as well as opportunities for incidental play and home based activity such as playing with pets as a well as horticulture.

Affluence and high levels of education may increase the demand for opportunities and expectations of quality of services beyond what Council can afford.

Opportunities to better service specific population groups such as young people, older adults and people with a disability are addressed under the Issues section.

Due to increasing demand for recreation and open space there is a need for Council to consider more conscious and equitable provision of resources to specific population groups. Facilities for each must be equitably distributed across the LGA to “future proof” facilities from demographic change.

3.2 Potential number of people using different types of facilities

Using state participation rates applied to the Mosman population the potential numbers of residents who would use cycling and walking paths is almost double that of the next facility type ranked by the potential number of users. Outdoor playing fields ranked second by potential numbers of users, followed by gym and fitness, and swimming facilities (equal).

Due to the proximity to the harbour, swimming and yachting facilities (as born out by the householder survey and membership data) is likely to be higher than these potential user numbers show.

Table 1: Potential numbers of users of facilities by type, 2014 and 2024

Facility Type	2014	2024
Cycling and walking paths	15583	15588
Outdoor playing field sports	8909	8815
Gym / group fitness	8314	8375
Swimming pools	4267	4266
Outdoor court sports	3531	3530
Indoor court sports	2158	2164
Outdoor water based sports	1895	1914
Skate / roller sports	1715	1604

When potential participation by activity is compared to known membership of clubs, there are a number of sports with considerably higher participation rates than those for NSW.

These include:

- Sailing
- Little athletics
- Triathlon
- Croquet
- Rowing, and
- Rugby union.

The sports with lower than expected participation in Mosman include:

- Cricket
- Hockey
- Rugby league
- Netball

Lower than expected participation in these sports is likely to be a result of the lack facilities, particularly in the case of cricket, hockey and netball.

In the case of tennis – the limited number of lit tennis courts and centres with strong competition pathways, foundation, development, social and coaching programs, as well as the nature of surfaces may impact on participation. For rugby league, the strength of other rugby and football codes and the demographic profile of Mosman are likely to favour rugby union.

There has been a loss of some sports from the LGA since the 2000 Plan. These sports include lacrosse, squash, baseball and water polo.

The consultation with peak sporting bodies and local clubs identified the following demand related issues:

- Mosman Netball Club is one of the largest community run netball clubs in NSW
- Mosman has the highest number of triathletes by LGA in the country
- Sailing and croquet, and the Swans Junior AFL have some of the biggest clubs in NSW
- Mosman / North Sydney leads the way with junior growth in sailing “Tackers” program
- Clubs have stated numbers in soccer (football) and Aust. Rules, cricket and sea scouts are capped, as there is no capacity to accommodate additional participants in local facilities
- Mosman bowls and Mosman croquet facilities are state of the art; and provide an opportunity to grow participation from additional markets at off peak times and for events
- A wide range of sports, health and well being activities are being conducted by schools, including sports not played at club level in Mosman; e.g. softball, rugby league, gymnastics
- Relationships with schools are very important for clubs and there is a drop off when children go to private schools. Many children then drop out of sport after school.

3.3 Activities/Facilities consistently identified as in demand

Throughout the community engagement the following activities / facilities were consistently identified as being in demand or requiring some action.

- Swimming
- Basketball
- Physical exercise, programs / equipment
- Cycle and walking trails
- Sportsgrounds

Others included:

- Kayak / water based club activities
- Practice facilities
- "youth facilities"
- Tennis
- Netball
- Improved play spaces and BBQ/picnic
- Spaces and management of dogs

Outdoor recreation activities residents would like to participate that they don't currently

Forty-five percent of respondents to the community survey would like to participate in an outdoor recreation activity that they don't currently undertake.

The majority of respondents who would like to participate in an outdoor recreation activity that they don't currently undertake, were 30-34 year olds. The most common activities listed were:

- Outdoor fitness /personal training (high intensity) (boot camp) (boxing) program
- Cycling
- Basketball
- Swimming
- Yoga, Pilates, Tai Chi
- Tennis
- Hockey
- Kayaking

The key enablers to encourage people to do these activities vary considerably between activities.

For outdoor fitness activities, enablers in descending order were:

- Put me in touch with others who have this interest or someone to go with
- Provide some assistance to get there and during the activity

Key enablers to encourage people to cycle were, in descending order:

- Provide discounts, or reduce the cost of using an existing facility
- Improve the quality of existing facilities

The key enabler that could encourage people to play basketball was:

- Provide additional or new facilities for this activity

Key enablers that could encourage people to swim, in descending order were:

- Provide an opportunity to learn a new activity / develop confidence in doing this activity
- Provide additional or new facilities for this activity
- Provide suitable programs / or classes in existing facilities

Additional demand for sport and recreation activities

Almost 60% of the survey respondents indicated that there is additional demand for sport and recreation activities that is not currently being met in Mosman. Responses primarily focussed around the following facilities:

- Swimming
- Cycling / Off road trails
- Sportsgrounds
- Basketball
- BBQ / picnic areas
- Physical activity / fitness
- Hockey
- Dog walking
- Waterbased recreation
- Skate / Scooter facilities

Priorities for recreation and sports facility improvement or provision identified from the community survey

Respondents to the household survey identified approximately one hundred and twenty priorities. The majority of those issues raised were similar in nature to those raised about additional facilities.

In descending order of frequency, the key priorities identified were:

- Sports grounds (more, all weather and improvements)
- Trails and paths
- Sports courts (netball, basketball, and tennis)
- Fitness equipment
- Play spaces (softfall, age, fencing)
- Swimming (pool / maintaining Balmoral Baths)
- Environment / Bushland
- BBQ's

This demand related to similar activities reflected overall.

Comments about facilities

A wide range of comments were received about types of facilities and specific parks and sports grounds. These are provided in the Demand and Consultation findings for future reference.

Some key points overall include the following:

- Quality and size of facilities (netball, little athletics) limits growth
- Some participation benefits could be accrued with facility improvements; to drainage, support facilities, storage, number and size of grounds and compliance, ground maintenance, practice wickets, provision of lights and a synthetic playing field
- Lack of lighting in some instances limits uses for tennis, netball, soccer (football), Aust. Rules Football and on road and trails for cycling
- There is a demand for addition cricket practice nets that are accessible to the community (including at Reid Park and longer nets at Balmoral)
- Some conflicts exist between sports and will be exacerbated as demand increases i.e. between: summer and winter users. Same season users, motorised watercraft and sailing / rowing, cyclists and dogs on trails.

- Demand for stand-up paddle boarding, social beach volleyball and kayaking is increasing (mostly amongst males). Boat numbers have also increased. Two marinas have increased their berths. The Navy also now has berths off Balmoral. This is having an affect on swimming among so many boats.
- There is more shared ownership / and storage for boats, and better sharing between sports grounds codes now, as there is not enough space. However clubrooms are mostly undersized and limit options for sharing.
- Some facilities may be underutilized during the day e.g. sports courts use could be encouraged from schools, and older persons i.e. short programs and come and try sessions.
- There is a concern for additional track and trails and about the condition and maintenance of paths, tracks and trails.
- Water based club clubs activities are constrained by issues associated with storage, trailer parking, rigging, washdown, conflicts with motorised use and the condition and functionality of clubrooms.

4. KEY GOALS AND ISSUES

4.1 Goals

The following goals provided are consistent with Council's MosPlan commitments to: Partnerships, Environmental Protection, Efficiency, and Social Inclusion and have considered the community and stakeholder preferences, potential demand and the nature characteristics and distribution of current recreation and sporting facilities.

The goals are:

1. Maximise access to recreation and sports facilities during the day and at night, for a wide range of activities and a diversity of population groups (**Equity and diversity**)
2. Increase participation in physical activity and sport through programming of indoor and outdoor venues (**Programmability and utilisation**)
3. Increase efficiency of management and development capability (**Resource Efficiency and Partnerships**)
4. Increase the capacity of sportsgrounds, trails and outdoor spaces to better accommodate current and forecast future demand (**Managing Capacity**)
5. Continue to develop and improve asset management and renewal to enhance: accessibility of sports and recreation facilities to all people, functionality; fit for purpose and shared use (**Asset renewal**)

4.2 Issues and Recommended Actions

4.2.1 Equity and Diversity

Access to recreation and sports facilities during the day and at night, for a wide range of activities and a diversity of population groups

Key opportunities to enhance participation related to specific population groups are provided below.

Older adults and lone person households

There is demand to stay active longer. Strong participation in older people can be supported by providing and programming suitable activities i.e. walking, fishing, outdoor bowls, indoor bowls, warm water swimming, tennis, croquet community gardening, men's shed and golf. Opportunities can also be explored to allow middle-aged people to continue to cycle, and unmet demand can be addressed through indoor exercise and sports such as badminton and table tennis.

There are significant benefits of providing additional opportunities for social connectedness and connection to nature for lone person households.

An affluent and older population not in the workforce may provide a resource as volunteers for guided activities, skill development and programs.

Providing more seats, shelters, picnic facilities, suitable exercise equipment, public toilets, accessible circuit trails and perimeter paths in parks could assist in more older adults exercising and socialising outdoors.

Due to the high demand for seats and tables especially those with backs and arms and the need for paths to access them for people with mobility aids, the willingness to sponsor these and the value for encouraging older people to use parks, watch activity and enabling a sense of belonging, there is value in developing a strategy for seat and table placement, accessibility and design improvements.

Stairs in parks and unmade road reserves provide opportunities for residents and visitors, as well as older adults, to keep fit.

For older women there is likely to be demand for affordable indoor social programs and classes close to home i.e. Tai Chi, Yoga or gentle exercise in parks.

People with disability

Opportunities to include more people with disabilities in sport and recreation activities are considerable. These opportunities include: improvements to the design of swimming, sport, play and picnic facilities and selective accessible paths of travel through parks and along the foreshore.

Providing more assistance and suitable equipment to individuals to use facilities (especially swimming facilities), as well as programming coupled with transport, and respite care options, could increase the use of facilities in non-peak times and will mean more people from these groups could participate.

There is a need for additional information to enable people to match their ability and interest with available opportunities, especially information about walking paths and transport. Such information needs to be made available in an accessible media and content.

Young people and school aged children

Most issues identified in the community consultation related to provision of facilities for children related to: sportsgrounds, the need to provide safe cycling opportunities and play spaces. Playgrounds for kids older than toddlers, equipment variety, more adventurous and natural elements and more shade were key issues.

For young people more opportunities to play free access social basketball and tennis, lit social places to gather and more tables in open spaces were identified in the community survey and are desirable.

Practice sports facilities are important for older children, as are hard courts, and where sports facilities exist; free access courts for tennis and basketball, practice cricket wickets, and goals for social soccer (football) are desirable.

Any opportunities to provide additional capacity on outdoor playing fields and on sports courts through programming and casual use being made available in indoor spaces, along with better connections between clubs and schools will enhance opportunities for young people.

Off-road opportunities to cycle and walk, secure bike parking and additional public transport will assist young people in accessing facilities and social opportunities.

The need for basketball facilities for young people was a major issue raised in the community engagement process.

With fewer children per household in the longer term, schools will be more important for incidental play, unorganised sport and social activity.

Sports and activities for females

Significantly more males in Australia aged 15–24 years old participate in sport and physical activities than females. Historically football (soccer) and cricket codes have been primarily male; typically it is more difficult for female teams to get access to facilities.

Support needs to be given to sports such as netball, tennis, dance, gymnastics, soccer (football), gym and fitness and kayaking in order to ensure the high propensity of females to play these sports is met with opportunity.

Personal trainers in outdoor parks and users of outdoor exercise equipment has increased significantly in recent years, and with it has seen the increase in participation in physical activities by women. The short duration and flexibility in time to undertake these activities often enables women to schedule them around family and work commitments.

There is growth in demand for kayaking and other non-motorised water based activities from women, however paddlers are made up mainly of individuals who are not part of a club, and transporting and handling crafts were identified as issues, especially by females.

Demand for a diversity of opportunities

A diversity of opportunities and experiences will be enhanced and protected in open space with high environmental quality and a diversity of functions of open space and setting types. There is a good diversity of open space and bushland across the LGA. This should be retained.

Most play spaces are designed primarily for children and are therefore single-purpose. A more cost effective approach to play spaces is to ensure their design addresses the needs of the whole family, multiple age groups and people of all abilities.

Where possible, the social and family recreation areas preferred are those that include play elements, nature play, landscaped areas and trees for shade, kick about space, seating for carers, paths for walking and small wheeled toys, along with social sports opportunities for older children, such as hard courts for basketball and futsal or practice nets for cricket and soccer.

As a general principle providing a path system and spaces that encourage children and carers using wheelchairs and mobility devices in central and social areas is the most important addition.

The play value of equipment could also be enhanced through landscape design, although children appear to have quite good access to natural spaces in and around Mosman. It is also desirable to have a selection of fenced sites.

There is a need to provide additional shade in strategic locations in parks and at play spaces.

Opportunities for cycling off-road are relatively limited due to the topography and lack of Council owned land and foreshore without heritage constraints.

Respondents to the household survey noted that providing a new aquatic facility was a priority issue, however given the population size and the availability of one indoor centre, a large number of residential and sea pools, it is not considered a priority at this time

Equity and Diversity: Strategies

- *Consciously plan to enhance design and equitable access to recreation for specific population groups and include additional recreation, play and social opportunities for older adults and people with a disability*
- *Seek to provide a diversity of recreational opportunities for all residents*
- *Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities*

Recommended actions: Equity and Diversity:

Consciously plan to enhance design and equitable access to recreation for specific population groups

1. Review and undertake design improvement to facilities at the Mosman swim centre, and Balmoral Baths to improve accessibility for older adults and people with a disability.
2. Select tracks, sports facilities, playgrounds and trails to encourage more people with a disability to be included in and participate in sport, physical activity and play.
3. Investigate the options for more people with a disability to access water based sporting and recreational activities including transport to all the main recreation clubs and facilities such as Balmoral Beach.
4. Review and update the community directory information (including transport) in order to provide information about accessibility of facilities for people using wheelchairs.
5. Continue to encourage sporting and fitness opportunities that target females, including activities such as netball, football (soccer), personal training, and (where possible) gymnastics and dance etc.
6. Provide access to basketball courts in the selective development of several social family recreation areas such as: 1. Rawson Park 2. Reid Park, and 3. Sirius Cove.

Seek to encourage access to a diversity of recreational opportunities for all residents

7. Continue to provide a balance of dog off-lead and on-lead areas, and facilities with no dog access, to minimise conflicts between pets and people, and in order to protect all user's interests in parks and beaches.
8. When designing playgrounds consider fencing larger areas of selected reserves with play spaces and include people using wheelchairs and a good size green space as well as other landscape elements inside the fence. Provide a specific budget for fencing so it can be integrated into the park design. Promote the location of those enclosed play spaces to those who rely on them.
9. Complete the dinghy rack upgrade program and investigate the feasibility of provision of kayak storage (especially for females).
10. Encourage, and work with the Sydney Federation Harbour Trust to revise the 2003 Management Plans for Headland Park, Middle Head, George Heights and Chowder Bay in order to create more accessible and circuit paths and routes for walking and cycling. As well as to accommodate a more sustainable balanced mix and practical layout of multiple sports fields and associated parking and club houses.

Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities

11. In the design of future amenity and pavilion building improvements endeavour to ensure all clubs using grounds or the Harbour have access to shared change rooms for both genders, facilities for referees and first aid, storage, canteen and shade / shelter.

4.2.2 Programmability and Utilisation

Participation in physical activity and sport through programming and promotion of indoor and outdoor venues

The return on investment in sport and recreation facilities should be measured in terms of participation.

Whilst the use of outdoor sports fields exceeds capacity, there are some indoor and outdoor courts that may not be fully utilised and could attract further casual use. Additional use could be both organised sport and programmed activities in order to include people from specific population groups that need additional incentives to participate.

Sports courts and fields with specialised and synthetic surfaces could offer opportunities for programming, and use by all ages and abilities, both social and corporate.

There may be opportunities to resurface some smaller spaces to enable these spaces to be programmed for group fitness, sports training or various other programs.

Some school sites, for example, are central and large enough for small-scale activities, sports and off-field training for outdoor teams sports.

Tennis, netball, bowls and indoor courts can lend themselves to programming, especially if they have lights.

Where possible it is desirable to maximise the number of tennis courts that are lit in Mosman, as the majority of demand for tennis is in the evening, on weekdays and retain ITF approved surfaces to enable a pathway from foundation skill development to club and elite competition.

Indoor facilities offer considerable opportunities for additional programmed use, rather than just venue hire.

Provision of at least one beach volleyball court would be beneficial, in order to add diversity to beach opportunities.

Given the lack of available social hard courts in Mosman, the availability of these in schools, and school's reliance on Council's sports grounds, Council should investigate reciprocal rights to access such facilities.

Some schools have synthetic or hard surfaced areas on their perimeter, which could be easily secured from the rest of school for social or sports use for young people out of hours, for example.

Programmability and Utilisation

Strategies: Programmability and Utilisation

- *Maximise the use of available places and spaces (not fully utilised) through programming*
- *Provide additional information to enable users to match their needs with available recreation opportunities and promote use*

Recommended actions: Programmability and Utilisation

Maximising the use of available places and spaces (not fully utilised) through programming

1. Work with schools to develop a co-operative approach to the use of sports facilities for organised and unorganised sports and propose an arrangement whereby use of Council's ovals is compensated for by access to social hard courts and other school facilities not utilised out of hours.
2. Program the use of the Drill Hall, Marie Bashir Indoor Centre and the outdoor netball courts for a range of activities utilising all available hours (ie non-peak times) and look to prioritise uses for indoor centres based on level of demand and in favour of those uses that are dependant on indoor sports courts.
3. Encourage local clubs to work with Tennis NSW to increase the diversity of tennis opportunities on existing courts, retain ITF compliant courts and light courts where possible to increase the utilisation of all courts.
4. Explore the feasibility of installing a synthetic surface at Balmoral Oval or Middle Head Oval so that it can be utilised more fully.

Provide additional information to enable users to match their needs with available recreation opportunities and promote use

5. Promote opportunities to participate in water-based recreation through providing additional information and promotion of facilities and programs.
6. Develop a program to consistently sign and promote the shared trails in the LGA.
7. Identify and promote the unmade road reserves in the LGA as public spaces, especially those with tracks and stairs leading down to the Harbour and identify trails that are accessible to people with prams and mobility devices.

4.2.3 Partnerships and Resource Efficiency

Efficiency of management, and development capability

Council has a relatively small population with limited growth projected.

The relatively small Council area means residents are likely to travel across multiple LGAs to access clubs and facilities of their choice. North Sydney Council, whose sports facilities complement those in Mosman, abuts Mosman. North Sydney has a multiple indoor courts sports venues that Mosman doesn't have. It may be possible to program North Sydney Council's indoor centre in conjunction with those in Mosman.

Due to the small size of the LGA Council cannot provide a full array of sport and recreation facilities required by the population.

Economies of scale could be introduced by partnerships to manage and develop existing sports and recreation facilities in schools and open spaces.

The need for second tier sports such as athletics, hockey, diamond sports and indoor sports such as basketball, netball, badminton and futsal may be more cost effectively delivered together, rather than in each LGA.

The Sydney Harbour Federation Trust has several individual tennis courts that could be programmed in conjunction with those at Rawson Park. Additionally there are multiple sports facilities around Rawson Park in different land management arrangements where there are possible synergies.

In noting there is comparatively high provision of parkland areas some opportunities to recycle additional underutilised land for sports purposes should be further investigated around Headland Park.

Partnerships and Resource Efficiency: Strategies

- *Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council*
- *Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies*
- *Provide sports development assistance to second tier sports clubs that have potential for growth, and where facility capacity allows or can be improved*

Recommended actions: Partnerships and Resource Efficiency

Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council

1. Examine opportunities to develop partnerships with neighbouring land and recreational facility managers to take advantage of economies of scale and improved programming of recreational facilities.
2. Work with other partners and stakeholders such as local schools and the Sydney Harbour Federation Trust to investigate opportunities to increase the range of recreation activities provided within the LGA (beyond the mainstream team sports) and to provide more opportunities to engage in activities with the highest demand.

Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies

3. Work closely in partnership with National Parks and Wildlife and Sydney Harbour Federation Trust to manage and utilise the foreshore roads for cycling events and training.
4. Work closely in partnership with the Sydney Harbour Federation Trust to improve sports fields capacity and associated facilities at Middle Head Oval and Georges Heights Oval.
5. Negotiate with schools over use of Council grass playing facilities in the exchange for use of school hard courts / gyms etc.
6. Negotiate with other agencies to support shared / subsidised parking in association with Middle Head Oval.

Recommended actions: Partnerships and Resource Efficiency (cont'd)

7. Work with existing land managers and user groups to manage the Rawson Park and Georges Heights sports facilities more as a sporting precinct with multiple codes (croquet, tennis, rugby, soccer-football, cricket, basketball, netball) sharing support facilities and programming available courts.
8. Work with the Sydney Harbour Federation Trust to manage and program the tennis courts in conjunction with those in Rawson Park.

Provide sports development assistance to clubs that have potential for growth where facility capacity allows

9. Encourage Mosman Bowls and schools to increase participation in bowls and use of the greens.
10. Encourage better connections between clubs and schools to provide pathways for children to develop sports skills, play club competition and continue to play sports.

4.2.4 Managing Capacity

Capacity of sportsgrounds, trails and outdoor spaces to meet demand

The sportsgrounds and water space in Mosman are at or near capacity. Additional demand for sport and physical activity won't be met unless additional capacity can be created by the improvement in; condition, use during non-peak times (on greens, sports courts, indoor centres, ovals), casual use of beaches and parks, and by expanding and improving trails, roads and footpaths, for walking and cycling.

Some Council sports facilities are single grounds. Most sports fields are ovals, however there is also pressure from sports needing rectangular grounds. The presence of turf wickets limits some grounds and their capacity to be effectively used by multiple codes. These locational and design characteristics have an implication for clubs as hiring separate multiple venues is expensive and logistically difficult to manage.

The lack of space and lights constrain the availability of off field training and practice facilities.

It would be beneficial for all sports grounds and practice facilities to be lit in order to be able to maximise the use of these when there is demand and capacity and to be able to have the flexibility of moving training and games around in accordance with ground conditions and levels of use for different activities.

There is a very high demand for events on Council reserves, as well as casual use. These events mostly include small group celebrations, such as parties and weddings, however there are also a number of larger community and regional events held throughout the year. Some issues arise in relation to where temporary facilities can be located, without damage to services, lawn and vegetation and managing the demand for private celebrations.

The demand for playing fields is increasing across all the codes. Council is not able to accommodate a considerable amount of the current demand. The use of all sportsgrounds in winter exceeds current carrying capacity of the grounds and the pressure leaves little time to rest grounds between seasons. Council currently funds substantial restoration works between seasons. Ground conditions will continue to decline with current levels of use.

The condition of some grounds is impacted on in some instances by rabbits, dogs, wet conditions and playing patterns. Additional funds could enable

more development works such as further drainage improvements and more intense maintenance that will enable some additional use.

Club sport represents only approximately 55% of organised sportsground use. However as clubs involve considerable volunteers and are dependant on these facilities they should be given priority of use.

The investigation of replacing turf fields with some synthetic surfaces will be a worth while exercise. Synthetic surfaces would enable additional capacity however it will not increase availability at peak demand times and will also come at significant cost.

A number of disused buildings on Harbour Trust land, which are in a poor state of repair, may provide a potential development opportunity for a new sports field. Desirably multiple facilities should be located together to enhance flexibility and reduce the cost of servicing.

The use of netball courts is not at capacity due to the lack of light and inability to play competitions there. With a higher recognition of the value of social and physical activities than when the management plan was prepared further use of this site may gain greater acceptance.

It is desirable that most tennis courts are lit, as the majority of demand is in the evening.

Further monitoring of the use of open space by dog trainers and PT's is worthwhile and ongoing liaisons with trainers will be beneficial to minimise overuse and perceived conflicts and divert demand away from some popular sites such as Balmoral.

Off road trails have the highest potential use by participants of any other recreation facility type.

Due to the high demand for walking and cycling, and increasing visitor loads, the capacity and condition of roads, track and trails is, and will continue to be, an issue. A major focus on works in years to come needs to be about expanding and developing a strategic network of trails and routes for cycling and walking.

There is significant growth in cycling as a sport (especially from older adults), through cycling events and people training, therefore identifying some safer routes and signing these may be desirable.

Middle Head and Bradleys Head with no through traffic could be a good route for cycling. Chowder Bay Road is a popular cycling route but is without lights.

The consultation identified that a lot of people would like to cycle, but find it too dangerous. Families would like to cycle more locally (to pool, library, park etc.) but find roads intimidating and dangerous.

Strategies: Managing Capacity

- *Assess methods to increase available funds for drainage, sportsground reconstruction, and lighting to enhance hours of use*
- *Assist schools to enable school sporting and recreation space to be better utilised out of hours*
- *Continue to manage the condition of facilities by diverting demand away from overused sites*
- *Increase opportunities for residents to cycle on-road and off-road*
- *Continue to manage potentially conflicting uses through clear allocation policies and education*

Recommended actions: Managing Capacity

Increase funds for drainage, sportsground reconstruction, lighting and restoration to enhance hours of use

1. Identify the most suitable location for the potential construction of a synthetic sports surface, considering access, lighting, potential multiple (priority) users. The field should as a minimum suit soccer –football and be able to be used under lights until at least 9pm.
2. Consider options for off-field training for sports clubs such as tennis and netball courts and indoor facilities such as the Drill Hall.

Assist schools to provide additional sporting and recreation space and utilise that current availability for out of hours use

3. Seek to have all sportsgrounds and courts lit suitably for purpose, to maximise usage.
4. Explore options to enter into further arrangements to allow community access of / programming of outdoor facilities at Beauty Point Public School e.g. for football training and social basketball.
5. Explore options to better utilise outdoor space on the perimeter of one or more school sites that can be isolated from the rest of school property - for social recreation activities i.e. basketball games.

Seek additional facilities and increase capacity to meet current recreational demand

6. Provide several public BBQs in the Council area in association with picnic tables / shelter and play facilities away from dog exercise areas where these can be integrated well into park design.

Increase opportunities for residents to cycle on-road and off-road

7. Prepare a plan for the upgrade of off -road cycling and walking tracks to provide:
 - Perimeter path exercise circuits around large reserves (e.g. Reid Park, Spit Reserve, Clifton Gardens, Middle Head Oval)
 - Dedicated path circuits with selected routes that are wheelchair accessible in different localities across the LGA
 - More continuous cycling and walking opportunities on other government land linking with key sports and community facilities, ferry wharfs and visitor destinations including constructing a trail from Taronga Zoo gate to the wharf
8. Refer to the Mosman Bicycle Plan to mark, light and promote several suitable on road training circuits for cyclists.

Continue to manage the condition of parks by diverting demand away from overused sites

9. Provide better water craft storage at Rosherville Reserve and Sirius Cove, and continue to manage craft being left on public open space
10. Provide clusters of fitness equipment at a number of key sites in Mosman.
11. Consider upgrading the outdoor netball court run outs at the Drill Hall to enable them to be better utilised as 'multi-purpose' courts for other sports such as basketball, futsal and tennis.
12. Where the management plan allows, seek to utilise these netball courts for competition and training under lights.

Continue to manage potentially conflicting uses through clear allocation policies and education

12. Prepare codes of conduct for sporting facilities, fitness and dog trainers, water based users, dog owners and path users.
13. Provide some clear messages to residents through educational material about the importance and benefits of outdoor fitness and personal training (especially for females) and the process Council uses to manage this in parks.

4.2.5 Asset Renewal

Asset renewal to enhance the accessibility of infrastructure to all people, functionality, fit-for-purpose and shared use

Due the age of the furniture, sporting and support infrastructure, the changing nature of sports, as well as the need to share and cater for a diversity of ages and abilities, as well as the changing economics - there is a need to redesign and renew sporting and recreation infrastructure incrementally.

Sporting and water based clubs consistently reported that clubrooms and amenity blocks are too small, lack storage, are in relatively poor condition and don't meet the current requirements of their sports.

Most supporting infrastructure wasn't designed to accommodate change facilities for females and males, access for people with mobility devices, nor provide necessary storage, referee, first aid, and canteen facilities. However, care needs to be taken when considering that the scales of new support facilities do not become disproportionate to the playing field and that building placement does not impact on field sizes.

For waterbased clubs, the need for washdown and rigging areas, trailer parking, kayak storage and general facility upgrades were identified.

Park furniture will need to be incrementally updated to be DDA compliant and to accommodate higher seats with backs and arms, to accommodate more older adults.

When various facilities such as play equipment reaches the end of its useful life, there will be a need not to replace a like with like, but to redesign spaces to be more inclusive and family oriented with higher quality play value and diversity in order to promote children's development, provide more shade and natural and loose materials.

In some cases sports do not have access to compliant playing facilities that compromises use for competition.

A large number of respondents to the householder survey were concerned about the condition of public toilets and walking paths and trails, suggesting they need additional maintenance, (including the footpaths in Spit and Military Roads).

Asset renewal: Strategies

- *Enhance the functionality and accessibility and integrated nature of furniture, paths and facilities in parks*
- *Work to implement Asset Management Plans and renew assets that are: in poor condition, functionally obsolete, or are not fit-for-purpose*

Asset renewal: Recommended Actions

Enhance the functionality, accessibility and integrated nature of furniture, paths and facilities in parks

1. Review the design of and increase the number of park furniture, shelters, and paths that can be integrated into park design to improve useability, accessibility and integration of park elements.
2. Prepare a management plan for Harnett Park, Reid Park, Curraghbeena Reserve and Sirius Cove Reserve and ensure they are developed as a suite, with complementary uses.
3. Work with sailing, rowing, sea scouts and other water based clubs and providers as well as the Dept. of Transport and Maritime Services to provide a suite of contemporary, shared and accessible storage racks and support facilities on public land in Mosman.
4. As play equipment reaches the end of its useful life, redesign play spaces in conjunction with stakeholders to be more inclusive, family oriented spaces, with higher quality play value, diversity, and more shade and natural and loose materials.

Renew assets that are in poor condition, functionally obsolete or not fit for purpose

5. Investigate the need for additional asset maintenance, renewal and improvements to Balmoral Baths infrastructure, including accessibility works and removal of oysters and barnacles for personal safety reasons.
6. Introduce regular cleaning and concrete maintenance at the Balmoral skate park.

7. In conjunction with the adopted Asset Management Plans introduce a 10-year capital improvement program, which considers current needs and provision gaps for sportsgrounds, pavilion buildings, toilets, storage and lights.
8. In conjunction with other agencies prepare an asset management / replacement plan for all and sports oval support facilities and clubhouses and water based recreation infrastructure, and upgrade these to provide facilities consistent with core service levels.

5. Action Plan

Strategy and Action	Priority (1, 2 or 3)
Equity and Diversity	
<i>Consciously plan to enhance design and equitable access to recreation for specific population groups</i>	
1. Review and undertake design improvement to facilities at the Mosman swim centre, and Balmoral Baths to improve accessibility for older adults and people with a disability.	2
2. Select tracks, sports facilities, playgrounds and trails to encourage more people with a disability to be included in and participate in sport, physical activity and play.	2
3. Investigate the options for more people with a disability to access water based sporting and recreational activities including transport to all the main recreation clubs and facilities such as Balmoral Beach.	1
4. Review and update the community directory information (including transport) in order to provide information about accessibility of facilities for people using wheelchairs.	1
5. Continue to encourage sporting and fitness opportunities that target females, including activities such as netball, football (soccer), personal training, and (where possible) gymnastics and dance etc.	2
6. Provide access to basketball courts in the selective development of several social family recreation areas such as: 1. Rawson Park 2. Reid Park, and 3. Sirius Cove.	3
<i>Seek to encourage access to a diversity of recreational opportunities for all residents</i>	
7. Continue to provide a balance of dog off-lead and on-lead areas, and facilities with no dog access, to minimise conflicts between pets and people, and in order to protect all user's interests in parks and beaches.	2
8. When designing playgrounds with fences, consider fencing larger areas of selected reserves with play spaces and include people using wheelchairs and a good size green space as well as other landscape elements inside the fence. Provide a specific budget for fencing so it can be integrated into the park design; Promote the location of those enclosed play spaces to those who rely on them	2
9. Complete the dinghy rack upgrade program and investigate the feasibility of provision of kayak storage (especially for females).	2
10. Encourage, and work with the Sydney Federation Harbour Trust to revise the 2003 Management Plans for Headland Park, Middle Head, George Heights and Chowder Bay in order to create more accessible circuit paths and routes for walking and cycling. As well as to accommodate a more sustainable balanced mix and practical layout of multiple sports fields and associated facilities (parking and pavilion buildings)	3
<i>Where Council provides for user groups, seek to ensure they have equitable shared access to necessary fit-for-purpose support facilities</i>	
11. In the design of future amenity and pavilion building improvements endeavour to ensure all clubs using grounds or the Harbour have access to shared change rooms for both genders, facilities for referees and first aid, storage, canteen and shade / shelter.	2

Strategy and Action	Priority (1, 2 or 3)
Programmability and Utilisation	
<i>Maximising the use of available places and spaces (not fully utilised) through programming</i>	
12. Work with schools to develop a co-operative approach to the use of sports facilities for organised and unorganised sports and propose an arrangement whereby use of Council's ovals is compensated for by access to social hard courts and other school facilities not utilised out of hours.	1
13. Program the use of the Drill Hall, Marie Bashir Indoor Centre and the outdoor netball courts for a range of activities utilising all available hours (ie non-peak times) and look to prioritise uses for indoor centres based on level of demand and in favour of those uses that are dependant on indoor sports courts.	2
14. Encourage local clubs to work with Tennis NSW to increase the diversity of tennis opportunities on existing courts, retain ITF compliant courts, and light courts where possible to increase the utilisation of all courts.	3
15. Explore the feasibility of installing a synthetic surface at Balmoral Oval or Middle Head Oval so that it can be utilised more fully.	2
<i>Provide additional information to enable users to match their needs with available recreation opportunities and promote use</i>	
16. Promote opportunities to participate in water based recreation through providing additional information and promotion of facilities and programs.	1
17. Develop a program to consistently sign and promote the shared trails in the LGA;	2
18. Identify and promote the unmade road reserves in the LGA as public spaces, especially those with tracks and stairs leading down to the Harbour and identify trails that are accessible to people with prams and mobility devices.	1
Partnerships and Resource Efficiency	
<i>Seek partnerships to deliver beneficial services in Mosman that are not cost effective to provide separately, or solely by Council</i>	
19. Examine opportunities to develop partnerships with neighbouring land and recreational facility managers to take advantage of economies of scale and improved programing of recreational facilities.	2
20. Work with other partners and stakeholders such as local schools and the Sydney Harbour Federation Trust to investigate opportunities to increase the range of recreation activities provided within the LGA (beyond the mainstream team sports) and to provide more opportunities to engage in activities with the highest demand.	2
<i>Create additional resource efficiencies through increased sharing and co-operation between users, Council and other land management agencies</i>	
21. Work closely in partnership with National Parks and Wildlife and Sydney Harbour Federation Trust to manage and utilise the foreshore roads for cycling events and training	3
22. Work closely in partnership with the Sydney Harbour Federation Trust to improve sports fields capacity and associated facilities at Middle Head Oval and Georges Heights Oval	2

Strategy and Action	Priority (1, 2 or 3)
23. Negotiate with schools over use of Council grass playing facilities in the exchange for use of school hard courts / gyms etc.	1
24. Negotiate with other agencies to support shared / subsidised parking in association with Middle Head Oval	2
25. Work with existing land managers and user groups to manage the Rawson Park and Georges Heights sports facilities more as a sporting precinct with multiple codes (croquet, tennis, rugby, soccer- football, cricket, basketball, netball) sharing support facilities and programming available courts	3
26. Work with the Sydney Harbour Federation Trust to manage and program the tennis courts in conjunction with those in Rawson Park	3
<i>Provide sports development assistance to clubs that have potential for growth where facility capacity allows</i>	
27. Encourage Mosman Bowls and schools to increase participation in bowls and use of the greens	3
28. Encourage better connections between clubs and schools to provide pathways for children to develop sports skills, play club competition and continue to play sports.	2
Managing Capacity	
<i>Increase funds for drainage, sportsground reconstruction, lighting and restoration to enhance hours of use</i>	
29. Identify the most suitable location for the potential construction of a synthetic sports surface, considering access, lighting, potential multiple (priority) users. The field should as a minimum suit soccer –football and be able to be used under lights until at least 9pm	1
30. Consider options for off-field training for sports clubs such as tennis and netball courts and indoor facilities such as the Drill Hall	3
<i>Assist schools to provide additional sporting and recreation space and utilise that current availability for out of hours use</i>	
31. Seek to have all sportsgrounds and courts lit suitably for purpose, to maximise usage	1
32. Explore options to enter into further arrangements to allow community access of / programming of outdoor facilities at Beauty Point Public School e.g. for football training and social basketball	1
33. Explore options to better utilise outdoor space on the perimeter of one or more school sites that can be isolated from the rest of school property - for social recreation activities i.e. basketball games	2
<i>Seek additional facilities and increase capacity to meet current recreational demand</i>	
34. Provide several public BBQs in the Council area in association with picnic tables / shelter and play facilities away from dog exercise areas where these can be integrated well into park design	3
<i>Increase opportunities for residents to cycle on-road and off-road</i>	

Strategy and Action	Priority (1, 2 or 3)
35. Prepare a plan for the upgrade of off -road cycling and walking tracks to provide: • perimeter path exercise circuits around large reserves (e.g. Reid Park, Spit Reserve, Clifton Gardens, Middle Head Oval) • dedicated path circuits with selected routes that are wheelchair accessible in different localities across the LGA • more continuous cycling and walking opportunities on other government land linking with key sports and community facilities, ferry wharfs and visitor destinations including constructing a trail from Taronga Zoo gate to the wharf	3
36. Refer to the Mosman Bicycle Plan to mark, light and promote several suitable on road training circuits for cyclists.	3
<i>Continue to manage the condition of parks by diverting demand away from overused sites</i>	
37. Provide better water craft storage at Rosherville Reserve and Sirius Cove, and continue to manage craft being left on public open space	1
38. Provide clusters of fitness equipment at a number of key sites in Mosman.	1
39. Consider upgrading the outdoor netball court run outs at the Drill Hall to enable them to be better utilised as 'multi-purpose' courts for other sports such as basketball, futsal and tennis.	3
40. Where the management plan allows, seek to utilise these netball courts for competition and training under lights.	3
<i>Continue to manage potentially conflicting uses through clear allocation policies and education</i>	
41. Prepare codes of conduct for sporting facilities, fitness and dog trainers, water based users, dog owners and path users	2
42. Provide some clear messages to residents through educational material about the importance and benefits of outdoor fitness and personal training (especially for females) and the process Council uses to manage this in parks.	1
Asset renewal	
<i>Enhance the functionality, accessibility and integrated nature of furniture, paths and facilities in parks</i>	
43. Review the design of and increase the number of park furniture, shelters, and paths that can be integrated into park design to improve useability, accessibility and integration of park elements	2
44. Prepare a management plan for Harnett Park, Reid Park, Curraghbeena Reserve and Sirius Cove Reserve and ensure they are developed as a suite, with complementary uses.	1
45. Work with sailing, rowing, sea scouts and other water based clubs and providers as well as the Dept. of Transport and Maritime Services to provide a suite of contemporary, shared and accessible storage racks and support facilities on public land in Mosman	3
46. As play equipment reaches the end of its useful life, redesign play spaces in conjunction with stakeholders to be more inclusive, family oriented spaces, with higher quality play value, diversity, and more shade and natural and loose materials	1
<i>Renew assets that are in poor condition, functionally obsolete or not fit for purpose</i>	

Strategy and Action	Priority (1, 2 or 3)
47. Investigate the need for additional asset maintenance, renewal and improvements to Balmoral Baths infrastructure, including accessibility works and increased regular removal of oysters and barnacles to improve personal safety.	1
48. Introduce regular cleaning and concrete maintenance at the Balmoral skate park	2
49. In conjunction with the adopted Asset Management Plans introduce a 10 year capital improvement program which considers current needs and provision gaps for sportsgrounds, pavilion buildings, toilets, storage and lights	1
50. In conjunction with other agencies prepare an asset management / replacement plan for all and sports oval support facilities and clubhouses and water based recreation infrastructure, and upgrade these to provide facilities consistent with core service levels	3

6. Appendices

Appendix 1. Availability of recreation facilities in Mosman, by classification

Classification	Code/Activity	Availability in Mosman	Council owned	Council Managed
SPORTS FACILITY				
Outdoor Greens / Rink Sports	Golf	X		
	Croquet	✓	✓	
	Bocce/ Petanque	X		
	Lawn bowls	✓	✓	
Outdoor Sports Courts	Netball	✓	✓	✓
	Tennis	✓	X	
Outdoor Sports Grounds				
Ovals	Australian rules football	✓	✓	✓
	Athletics	✓	✓	✓
	Cricket	✓	✓	✓
Diamond Sports	Softball, baseball, teeball	No purpose-built facility		
Rectangular Codes	Hockey - outdoor	No purpose-built facility		
	Rugby league	X		
	Rugby union	✓	✓	✓
	Soccer - football	✓	✓	✓
	Touch football	✓	✓	✓
Target Sport Facilities	Archery, shooting etc.	X		
Outdoor Motor Sports		X		
Outdoor Equestrian Sports		X		
Outdoor Skate / BMX Facility		✓	✓	✓
Biodiversity / Biological Heritage Space		✓	✓	✓
Social / Family Recreation Park	Dog off-leash area	✓	✓	✓
	Children's play facility	✓	✓	✓
Open Space For Relaxation		✓	✓	✓
Visual Amenity Space / Look Out		✓	✓	✓
Community Horticulture / Garden	Community garden farm	✓	X	
Outdoor Fitness Facility	Fitness stations, climbing, parkour	✓	✓	✓
	Personal training	✓	X	
Memorial Garden	Memorial park	✓	X	
Zoological/ Botanic Garden	Zoo	✓	X	
Off-Road Trail / Outdoor Cycle Sport Facility	Walking track, Shared Trail	✓	✓	✓
	Cycling - MTB, BMX	X		
	Orienteering	X		
Outdoor Aquatic Sports Facility	Aquatic programs / fitness	✓	✓	
	Lifesaving	✓	X	
	Swimming pool (Sea baths)	✓	✓	✓
	Diving	X		
	Triathlon	✓	✓	
	Fishing	✓	✓	✓
Non-Motorised Boating	Rowing	✓	X	
	Canoeing / kayaking /	✓	X	

Classification	Code/Activity	Availability in Mosman	Council owned	Council Managed
	dragon boating			
	Sailing / Yachting	✓	X	
Indoor Courts Sports	Indoor hockey / floorball / handball / futsal	✓	✓	✓
	Indoor netball / basketball	✓	✓	✓
	Volleyball	✓	X	
	Table tennis	✓	X	
	Badminton	✓	Seniors only	✓
	Indoor cricket	X		
Indoor Racquet Sports	Squash / racquet ball	X		
Indoor Skate Facility	Roller derby, skateboard, inline skate, quad skate	X		
Indoor Bowling Sports	Ten pin, indoor bowls, boccia	X		
Indoor Ice Sports	Skating, dance, ice racing, curling, jockey	X		
Indoor Gym / Fitness / Dance	Boxing			
	Group fitness, yoga, pilates	✓	✓ Seniors only	✓
	Dance	✓		
	Gymnastics	✓	X	
	Circus skills	X		
	Martial arts	✓	X	
Indoor Aquatic Facility	Swimming pool, water polo, diving, water play	✓	✓	
Hall / Community Meeting Place	Scouts / guides, Civic Centre community church hall, youth seniors centres	✓	✓	

Appendix 2. Inventory of recreation facilities

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Ashton Park	Biodiversity / Biological Heritage	Bushland		Bradleys Head Rd	Crown	Council
Balmoral Foreshore (North of Raglan)	Open Space for Relaxation	Foreshore	Balmoral foreshore	The Esplanade	Crown	Council
Balmoral Foreshore (South of Raglan)	Outdoor Aquatic Sports Facility	Foreshore	Beach Club, triathlon, sailing, boot camp	The Esplanade	Crown	Council
Balmoral Park	Biodiversity / Biological Heritage	Bushland	Walking trail	The Esplanade	Crown	Council
Balmoral Park	Outdoor Aquatic Sports Facility	Foreshore	Sailing, Sea Scouts	The Esplanade	Crown	Private
Balmoral Park	Outdoor Skate / BMX Facility	Paved area / plaza	Balmoral Skate Park	The Esplanade	Crown	Council
Balmoral Park	Outdoor Sportsground (2)	Managed Turf	Touch football, soccer football, rugby union, cricket, athletics	The Esplanade	Crown	Council
Bay Street Park	Open Space for Relaxation	Bushland		Bay St	Council	Council
Bay Street Park	Social / Family Recreation Park	Open Parkland	Children's play space	Bay St	Council	Council
Beauty Point Park	Open Space for Relaxation	Open Grass Area		Bay St / Quakers Rd	Council	Council
Botanic Road Park	Open Space for Relaxation	Open Parkland		Botanic Rd	Crown	Council
Carroll's Lookout	Visual Amenity Space / lookout	Bushland		The Esplanade	Crown	Council
Cartref Park	Open Space for Relaxation	Treed Parkland		Brierley St	Council	Council
Chowder Bay	Outdoor Aquatic Sports Facility Centre	Foreshore		Chowder Bay Rd	SHFT	SHFT
Clifton Gardens Reserve	Outdoor Aquatic Sports Facility	Foreshore Waterbased Recreation Facility	Swimming pool Fishing Jetty / wharf	Morella Rd	Council	Council
Clifton Gardens Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area Children's play facility	Morella Rd	Crown	Council
Countess Street Park	Social / Family Recreation Park	Open Parkland	Children's play facility (part fenced)	Corner Awaba St / Countess St	Council	Council
Curraghbeena Lookout	Visual amenity space / lookout	Open Grass Area		Raglan St	Council	Council
Curraghbeena Park	Biodiversity / Biological Heritage	Bushland		Curraghbeena Rd	Crown	Council
Curraghbeena Park	Social / Family Recreation Park	Open Grass Area	Children's play facility	Curraghbeena Rd	Crown	Council
Drill Hall Common	Outdoor Sports Court	Specialised Sports Surface	Netball	Cross St	SHFT	Council
Drill Hall Common	Social Family Recreation Park	Open Grass Area	Dog off-leash area	Cross St	SHFT	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Ellery Park	Outdoor Aquatic Sports Facility	Beach	Jetty	Spit Rd	Crown	Council
Georges Heights Oval	Outdoor Sportsground	Managed Turf	Soccer- football, rugby union, cricket	Suakin Dr / Dominion Cres	SHFT	Council
Hampshire Park	Open Space for Relaxation	Open Parkland		Bradleys Head Road	Council	Council
Harnett Park	Biodiversity / Biological Heritage	Bushland	Walking Trails	Lower Boyle St	Crown	Council
Harnett Park	Open Space for Relaxation	Open Parkland		Lower Boyle St	Council	Council
Harnett Park	Outdoor Aquatic Sports Facility	Foreshore	Canoeing / kayaking / dragon boating	Lower Boyle St	Crown	Council
Herron Park	Open Space for Relaxation	Open Parkland		Raglan St	Council	Council
Hunter Park	Social / Family Recreation Park	Open Grass Area	Children's play area, tai chi, seats	Hunter Rd	Council	Council
Joel's Reserve	Biodiversity / Biological Heritage	Bushland	Off-Road Trail	Julian St	Council	Council
Joel's Reserve	Open Space for Relaxation	Open Grass Area		Julian St	Council	Council
Lawry Plunkett Reserve	Biodiversity / Biological Heritage	Bushland	Off-Road Trail	Botanic Rd	Council	Council
Lawry Plunkett Reserve	Social / Family Recreation Park	Open Grass Area	Dog off leash area, Children play facility	Plunkett Rd	Council	Council
Library Walk	Off-road Trail	Paved area / plaza	Walkway	Between Military Rd and The Crescent	Crown	Council
Little Ashton Park	Open Space for Relaxation	Open Parkland		Whiting Beach Rd	Council	Council
Memory Park	Social / Family Recreation Park	Treed Parkland	Children's play facility (and half court basketball)	Cowles Rd	Council	Council
Middle Head Oval	Outdoor Sports Grounds	Managed Turf	Soccer - football	Middle Head Rd	SHFT	Council
Morella Road Reserve	Biodiversity / Biological Heritage	Bushland		Morella Rd	Crown	Council
Morella Road Reserve	Open Space for Relaxation	Open Parkland		Morella Rd	Crown	Council
Mosman Bay Reserve	Open Space for Relaxation	Open Parkland		Avenue Road	Crown	Council
Mosman Park	Outdoor Sportsground	Managed Turf	AFL, soccer football, dog obedience, cricket, triathlon	The Crescent	Crown	Council
Mosman Park Playground	Social / Family Recreation Park	Open Parkland	Children's play facility	The Crescent	Crown	Council
Mosman Park Anzac Memorial	Memorial garden	Open Parkland	ANZAC Memorial	The Crescent	Crown	Council
Mosman Square	Open Space for Relaxation	Paved area / plaza		Military Rd	Crown	Council
Mosman Community Garden	Community Horticulture / Garden	Garden / Pasture		Mackie Lane	AUSGRID	Private

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Warringah Bowls Club Mosman	Outdoor Greens / Rink Sports	Specialised Sports Surface	Lawn Bowls	Bradleys Head Rd	Private	Private
Warringah Bowls Club Mosman	Indoor Gym / Fitness / Dance	Indoor meeting place / hall	Pilates	Bradleys Head Rd	Private	Private
Sydney School of Soo Bahk Do	Indoor Gym / Fitness / Dance	Indoor	Martial arts	Bradleys Head Rd	Private	Private
Imagination Dance	Indoor Gym / Fitness / Dance	Indoor	Dance	Belmont Rd	Private	Private
Salseros Salsa Sydney	Indoor Gym / Fitness / Dance	Indoor	Dance	Short St	Private	Private
Mosman Dance Academy	Indoor Gym / Fitness / Dance	Indoor	Dance	Spit Rd	Private	Private
Star Dance Studios	Indoor Gym / Fitness / Dance	Indoor	Dance	Melrose St	Private	Private
Fitness First Mosman	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
MediGym	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Rawfit Personal Training	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Vision Personal Training	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Xtend Barre	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Gymbaroo	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Heydon St	Private	Private
Momentum for Life	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Dream Fitness	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	The Crescent	Private	Private
Mosman Pilates	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Sanus Active Body Therapies	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Spit Rd	Private	Private
iTrain Fitness Mosman	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Raglan St	Private	Private
Healthland Fitness International	Indoor Gym / Fitness / Dance	Indoor	Aerobics / fitness	Military Rd	Private	Private
Mosman Lawn Bowls Club	Outdoor Greens / Rink Sports	Managed Turf	Lawn bowls	Belmont Rd	Private	Private
Mosman Lawn Tennis Club	Outdoor Sports Courts	Managed Turf	Tennis	Rosebery St	Private	Private
Mosman Tennis Centre	Outdoor Sports Courts	Specialised Sports Surface	Tennis	Bickell Rd	Private	Private
Mosman Swim Centre	Indoor Aquatic Sports Facility	Indoor	Aquatic programs/ fitness, swimming	Vista St	Council	Private
Parrawi Park	Open Space for Relaxation	Open Grass Area	Seating, lookout	Spit Rd	Crown	Council
Parrawi Park Lighthouse Bushland Reserve (Rosherville)	Biodiversity / Biological Heritage	Bushland	Walking trails	Spit Rd	Crown	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
Parrawi Park	Hall / Community Meeting Place	Indoor	1 st Mosman Scouts	Spit Rd	Crown	Private
Scots Kirk Hall	Hall / Community Meeting Place	Indoor	Pilates, yoga, tai chi	Belmont Rd	Presbyterian Church	Private
Quakers Hat Park	Biodiversity / Biological Heritage	Bushland	Walking trails	Pearl Bay Ave	Crown	Council
Quakers Hat North	Biodiversity / Biological Heritage	Bushland	Walking trails	Bay St	Crown	Council
Quakers Hat South	Biodiversity / Biological Heritage	Bushland	Walking trails	Bay St	Council	Council
Rawson Park	Biodiversity / Biological Heritage	Bushland		Alexander Ave	Crown	Council
Rawson Park	Outdoor Sportsgrounds	Managed Turf	Cricket, soccer football, rugby union	Alexander Ave	Crown	Council
Rawson Park Tennis Centre	Outdoor Sports Courts	Specialised Sports Surface	Tennis	Alexander Ave	Crown	Private
Mosman Croquet Club	Outdoor Greens / Rink Sports	Managed Turf	Croquet	Alexander Ave	Crown	Private
Marie Bashir Indoor Sports Centre	Indoor Courts Sports	Indoor	Netball, basketball, hockey, floorball, handball, futsal, indoor cricket	Alexander Ave	SHFT	Council
Reginald Street Park	Open Space for Relaxation	Open Parkland		Reginald St	Council	Council
Reginald Street Park	Social / Family Recreation Park	Open Grass Area	Children's play facility	Reginald St	Council	Council
Reid Park	Biodiversity / Biological Heritage	Bushland	Walking trails	Park Ave	Crown	Council
Reid Park	Social / Family Recreation Park	Open Grass Area	Dog off leash area, Children's play area	Park Ave	Crown	Council
Reservoir Park & Boronia House	Open Space for Relaxation	Treed Parkland	Gazebo used for weddings	Military Rd	Council	Council
Rest Park	Open Space for Relaxation	Open Parkland		Avenue Road	Crown	Council
Rosherville Reserve	Biodiversity / Biological Heritage	Bushland		Hopetoun Ave	Crown	Crown
Rosherville Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area, children's play facility	Hopetoun Ave	Crown	Council
Rosherville Reserve	Waterbased Recreation	Beach / Foreshore	Chinamans Beach	Hopetoun Ave	Crown	Council
Sirius Cove Reserve	Outdoor Sports Grounds	Open Parkland	Pre season training (code unspecified)	Sirius Cove Rd	Crown	Council
Sirius Cove Reserve	Social / Family Recreation Park	Open Parkland	Dog off leash area, children's play facility	Sirius Cove Rd	Crown	Council
Sirius Park East	Biodiversity / Biological Heritage	Bushland	Walking trails	Sirius Cove Rd	Crown	Council
Sirius Park West	Biodiversity / Biological Heritage	Bushland	Walking trails	Sirius Cove Rd	Crown	Council
Spit Reserve East	Biodiversity / Biological Heritage	Bushland		Spit Rd	Crown	Council
Spit Reserve East	Outdoor Aquatic Sports Facility	Foreshore	Sailing, jetty	Spit Rd	Crown	Council
Spit Reserve East	Social / Family Recreation	Open	Dog off leash	Spit Rd	Crown	Council

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
	Park	Grass Area	area			
Spit Reserve West	Outdoor Aquatic Sports Facility	Foreshore	Rowing, Fishing	Spit Rd	Crown	Council
Spit Reserve West	Off-Road Trail	Paved area / plaza	Cycling, shared walking trail	Spit Rd	Crown	Council
Spit Reserve West	Outdoor Sports Grounds	Managed Turf	Soccer-football, rugby union, cricket (informal)	Spit Rd	Crown	Council
Spit Reserve West	Social / Family Recreation Park	Open Parkland	Children's play facility, dog off leash area, beach	Spit Rd	Crown	Council
Sydney Harbour National Park	Biodiversity / Biological Heritage	Bushland	Bradley's Head Amphitheatre	Morella Rd (and others)	Crown	NPWS
Sydney Harbour National Park (Middle Head Community Garden)	Community Horticulture / Garden	Community Garden	Middle Head Community Garden	Middle Head Rd	Crown	NPWS (private)
Sydney Harbour National Park	Hall / Community Meeting Place	Indoor	Athol Hall	Bradleys Head Rd	Crown	NPWS
Sydney Harbour National Park	Off-Road Trail / Outdoor Cycle Sports Facility	Bushland	Walking trail	Chowder Bay Rd	SHFT	SHFT
Sydney Harbour National Park	Off-Road Trail / Outdoor Cycle Sports Facility	Bushland	Walking trail	Athol Wharf Rd	Crown	NPWS
Sydney Harbour National Park	Social / Family Recreation Park	Beach	Cobblers Beach	Cobblers Beach Rd	Crown	NPWS
Taylors Bay	Outdoor Aquatic Sports Facility	Beach	Taylors Bay	Iluka Rd	Crown	NPWS
The Esplanade	Social / Family Recreation Park	Open Grass Area	Children's play facility	The Esplanade	Crown	Crown
Unnamed Park (Corner of Bickell Rd / Bay St)	Play	Open Parkland	Bickell Place	Corner of Bickell Rd / Bay St	Council	Council
Unnamed Park (Corner of Koowong Ave / Bullencourt Ave North)	Visual Amenity	Bushland	Road reserve	Corner of Koowong Ave / Bullencourt Ave North	Council	Council
Unnamed Park (Corner of Koowong Ave / Quakers Rd)	Visual Amenity	Bushland	Road reserve	Corner of Koowong Ave / Quakers Rd	Council	Council
Unnamed Park (Corner of Spit Rd / Parriwi Road)	Open Space for Relaxation	Open Parkland		Corner of Spit Rd / Parriwi Road	Council	Council
Unnamed Park (Glen St)	Visual Amenity	Bushland	Road reserve	Glen St	Council	Council
Unnamed Park (Shellbank St)	Open Space for Relaxation	Open Parkland		Shellbank St	Council	Council
Wyargine Reserve	Biodiversity / Biological Heritage	Bushland	Wyargine Point	Burran Ave / Stanton Rd	Crown	Council
Mosman Seniors Centre	Hall / Community Meeting Place	Indoor	Badminton, Table tennis, Dance	Mosman Square	Council	Council
Mosman Library	Library	Indoor		Military Rd	Council	Council
Balmoral Beach	Outdoor Aquatic Facility	Balmoral Beach	Windsurfing, Sailing, Kayaking, Paddle Surfing,	The Esplanade	Crown	Council
Balmoral Baths	Outdoor Aquatic Sports	Foreshore	Swimming	The	Crown	NSW RMS

Reserve / facility name	Primary Recreation Function	Setting type	Facility Name/ Activities	Street address	Ownership	Management
	Facility			Esplanade		
Balmoral Wharf	Outdoor Aquatic Sports Facility	Foreshore	Fishing, Boating	The Esplanade	Crown	NSW RMS
Mosman Bay Wharf	Outdoor Aquatic Sports Facility	Foreshore	Wharf	Centenary Dr	Crown	NSW RMS
South Mosman Wharf	Outdoor Aquatic Sports Facility	Foreshore	Wharf	Musgrave St	Crown	NSW RMS
Taronga Zoo	Zoological Garden	Ornamental Garden	Taronga Zoo	Bradleys Head Rd	Crown	Private
Taronga Wharf	Waterbased Recreation	Foreshore	Wharf	Athol Wharf Rd	Crown	NSW RMS

Appendix 3. Summary of open space and recreation facilities in Mosman schools

School	Sport and Recreation Facilities
Mosman Preparatory School	• One indoor hall / basketball court (not big enough for competition sport) • One outdoor court (used for basketball training, tennis, run about / play space) • Two after school care groups use the indoor hall
Sacred Heart Primary School	• One outdoor multi sport court
Queenswood School for Girls	• One indoor hall used for performances, assemblies, dance, drama, gymnastics • One synthetic surface used for netball / basketball / run about • No dedicated sports courts / ovals • A playground with modern playground equipment
Mosman Public School	• One outdoor netball / basketball court • Vegetable garden • School hall
Beauty Point Primary School	• One indoor hall - used for assemblies, not for sport • One outdoor basketball / run about synthetic space • Playground
Mosman High School	• Two outdoor basketball / netball courts • One outdoor tennis court • Exercise circuit
Blessed Sacrament Catholic Primary School	• One outdoor tennis court • Play space • Synthetic run around area

Appendix 4. Mosman Recreation Strategy Action Plan 2001: Status of Actions

ACTION	TASK	STATUS
Establish hard surface netball courts	Submit a Development Application for netball courts at Rawson Park in line with directions in the draft Rawson Park Management Plan.	Completed 2009. 3x External (Drill Hall Common) 1x internal MBSC 1x internal (reduced size) Drill Hall
	Investigate other appropriate locations for hard surface netball courts (as an alternative to Rawson Park) as part of the Development Application process.	Drill Hall Common site developed
	Pursue funding for the development of courts, including grant funding and sponsorship.	Grants received for MBSC & Drill Hall redevelopment
Undertake a program of improvements to sporting reserves.	Implement Council's 5 year Sporting Fields Improvements Program.	Developed and completed majority of priority projects.
	Investigate and address issues and priority works that need to be undertaken at key sporting reserves	Lighting Upgrades completed Balmoral & Rawson Ovals
	Prepare Plans of Management and Landscape Master Plan for Mosman Park, possibly incorporating Mosman Square and surrounds for implementation.	Completed
	Finalise and/ or implement Plans of Management for Rawson Park and Balmoral Reserves.	Completed
Retain the use of Georges Heights Oval and Middle Head Oval and seek additional sporting reserves (as per MOSPLAN 10:01 H).	Represent Council on the Sydney Harbour Federation Trust Consultative Committee and participate in the planning process as per MOSPLAN 10:01.	Completed Sporting Uses identified in SHFT POM's
	Determine Council's future commitment to works, improvements and maintenance for the Georges Heights and Middle Head Ovals. Develop a formal statement of commitment for presentation to the Sydney Harbour Federation Trust.	Informal use / management Agreement ongoing.
	Formalise an agreement between Council and the Sydney Harbour Federation Trust for the use and management of the Georges Heights and Middle Head Ovals, for at least a 20 year period.	Formal licence agreement in development.
	As part of the Sydney Harbour Federation Master Plan process, investigate further opportunities to obtain and establish sporting reserves around Middle Head and Georges Heights.	Input made into SHFT planning processes. Ongoing
Plan for active outdoor facilities for youth, e.g. skate/ rollerblade and BMX facilities.	In accordance with Council's resolution, develop concept designs for a skate/ rollerblade facility for the chosen site/s, in consultation with youth and the broader community. Design and develop the facility once a location is agreed to, and where necessary, have regard to the Flora Fauna Study 2001.	Completed. Skate park Installed Balmoral Reserve 2005
	Continue to respond to proposals and assess site options for a BMX facility, having regard to the recommendations made in the Flora and Fauna Study 2001.	Incomplete. Preferred site not suitable (contamination)
Determine opportunities to increase youth participation in activities.	Facilitate the development of sports and recreation participation programs for young people, through consultations with the Council's Recreation Advisory Group and Youth Advisory Group.	'Advisory Groups' disbanded. Ongoing
Encourage the use of informal and sporting facilities by youth	In consultation with youth, consider the needs of youth in all open space and facility design and planning,	Ongoing
Upgrade and develop quality playgrounds across Mosman.	Implement Council's 5 Year Playground Improvements Program. Continue undertaking works for one larger and one smaller playground each year as a minimum.	Playgrounds upgrade program completed 2013.
	Consult with children, parents and Ward Councillors in preparing concept/ detailed designs for each playground prior to upgrade.	2x annual safety inspections. Consultation undertaken in

ACTION	TASK	STATUS
		concept planning stage.
Improve existing playgrounds in key areas of informal open space.	As part of Plans of Management, plan for and implement improvements to existing key playgrounds, incorporating unique features and materials	Proposed to recommence program considering safety inspections and AMP
Plan for the appropriate development and use of aquatic facilities in Mosman.	Prepare a management and use strategy for the Council owned 25m public pool to be established in Vista Street in order to ensure the greatest benefit to the Mosman community.	Completed 25m indoor pool completed 2004.
	In accordance with MOSPLAN 10:03 C, assess the appropriateness of and options for establishing another aquatic facility, including a 50-metre pool as desired by the community. Undertake rigorous financial analysis as stated in MOSPLAN	Completed 25m indoor pool completed 2004.
Plan for high standard informal open spaces that support the natural and cultural values of Mosman.	Prepare and implement Plans of Management and Landscape Master Plans for the following key informal open spaces: · Clifton Gardens · Reid Park · The Spit Reserve · Sirius Park · Rosherville Reserve (Landscape Master Plan only) · Rawson Park (PoM under draft)	5 completed (Reid Park outstanding)
	Implement current Plans of Management for: · Balmoral Reserves · Parks, including Rosherville Reserve · Natural Areas (Bushland)	Ongoing - Identified projects prioritised and included in capital works programs.
	Implement Council's 5-year capital works program for the improvement of reserves.	Ongoing - Identified projects prioritised and included in capital works programs.
	Incorporate public art and heritage features in key informal open spaces, as part of Plans of Management and playground planning.	Ongoing. - Identified projects prioritised and included in capital works programs.
Undertake a review of paths in Mosman.	Assess the existing provision of walking and cycle paths and develop strategies to address issues and improve the provision	Completed / ongoing
	Review Council's provision of boat/ dinghy racks and the location of boat racks.	3x dinghy racks installed. 2x to be completed (Rosherville & Sirius Cove)
Investigate the options for indoor and outdoor hockey.	Liaise with SHOROC and potential user groups on the options for establishing a dedicated synthetic surface hockey field in the region.	Regional project. Incomplete.
	In consultation with hockey associations/ clubs, investigate the opportunities to establish an indoor hockey facility, possibly as part of Sydney Harbour Federation Trust planning for Georges Heights and Middle Head.	Not included in SHFT POM for the area.
Improve disability access and undertake special 'access' projects.	Prepare a five-year action plan to improve disability access within all planning and operations, including catering for people in wheelchairs and people with sight impairments.	Pedestrian Access and Mobility Plan (PAMP) completed. Key projects identified. Accessibility considered in all capital projects.
	Investigate and plan special disability initiatives,	Ongoing. Facilities improved and improved accessibility considered in all capital projects.
Establish new programs and events in Mosman.	Draw on the document 'Creating Active Communities, Physical Activity Guidelines for Local Councils' to identify opportunities for programs and activities that support physical activity.	Ongoing
	Consult with the Council's Recreation Advisory Group to develop program and event initiatives. Facilitate and support programs and events developed by this group.	Advisory Groups' disbanded. Ongoing
	Provide for staff to publish a quarterly bushland newsletter and hold meetings for persons involved or interested in bushland issues.	Complete and ongoing. Mosman Bushland Matter published 4x pa.

ACTION	TASK	STATUS
	Prepare a brochure showing the location and nature of parks in Mosman including playgrounds and facilities.	Completed. 2005. Web info updated regularly. Major web update project underway.
	Involve local clubs and community groups in the development of programs, e.g. sailing and rowing programs. Provide support by providing 'seed' funding and/ or promoting programs.	Programs provided by local clubs and private operators utilising public reserves
Further develop Council's volunteer program, through training and resources.	Provide training and allocate resources that support projects within Council's bushcare volunteer program.	Completed and ongoing. Regular bushcare training opportunities provided.
	In consultation with the Recreation Advisory Group, develop a volunteer program linked to recreation and sport,	'Advisory Groups' disbanded. Ongoing. Clubs advised of NSW Sport & Rec programs.