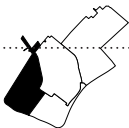


MASTER PLAN OVERVIEW



ZONE 1



LEGEND

- Zone boundary
- Removed item
- Existing built area
- Proposed built area
- Fuel pipeline + zone of influence
- Underground desalination pipeline
- Overground desalination pipeline

- Natural grass/ sports fields
- Synthetic turf
- Native meadow
- Native bushland
- Intertidal zone / saltmarsh
- Naturalised bioswale
- Wetland ponds
- Shared pedestrianised space

- Roadway / car parking
- Traffic calming
- Pedestrian forecourt
- Primary footpath
- Cycle path
- Outdoor sports court / gym
- Play spaces
- Picnic shelters / barbecues

- Existing tree
- New tree
- Security gate
- Fence

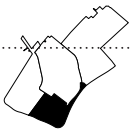
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SCALE 1:2500 @ A4

NOTES

- ① Notification signage on Princes Highway identifying location of Reserve.
- ② Segregated on-road cycle path created on Holbeach Avenue, separated from footpath with developed street planting.
- ③ Council owned corner plot dedicated to sports facilities or car parking.
- ④ Raised shared surface slows vehicles and defines entry to Reserve. Safe intersections integrated into roundabout. Size of existing planter reduced to allow for increased capacity of roundabout and connection of footpaths around it.
- ⑤ Gated entry prevents after hours vehicle access to the Reserve and car parks.
- ⑥ Dragon boat and dinghy storage racks.
- ⑦ Cycle storage racks.
- ⑧ Hard standing between car park and river reduced, secondary footpath removed, and native meadow planting introduced around existing trees.
- ⑨ Existing car park retained, low horizontal log barrier fences around perimeter restrict vehicular access into park land - parking restrictions introduced.
- ⑩ Existing Model Auto Sports Track retained, edge condition tidied and softened.
- ⑪ Existing Jets Club demolished and dedicated to public space. Pedestrian forecourt to social precinct.
- ⑫ Landscaped social precinct opening onto Cooks River including picnic shelters and barbecue facilities.
- ⑬ Temporary fenced dog off leash area. At the completion of The Sydney Gateway construction, the dog off leash area will be moved to its permanent location (Zone 4). The site will then form part of the active sporting precinct to provide additional sporting facilities and address shortages in recreation provisions, namely Tennis. The site will provide at least two new tennis courts.
- ⑭ Footpath between tennis courts and back of amenities block removed, native bush planting introduced around existing trees.
- ⑮ Existing amenities block upgraded, forecourt lit at night and low barriers installed to restrict vehicular access into park land.
- ⑯ Safe connection of footpaths across roads at desire path locations.
- ⑰ Cooks River Valley Garden maintained, enhanced and expanded.
- ⑱ Picnic and barbecue facilities removed and relocated.
- ⑲ Forecourt to Village Green made accessible for events with retractable bollards.
- ⑳ Native meadow planting introduced around existing Village Green trees.
- ㉑ Native bush and meadow planting between pathways, increased naturalisation of area.
- ㉒ Existing picnic shelter re-purposed as bird nesting hide - tables and hard standing replaced with native planting.
- ㉓ Existing area of salt-marsh continues to be maintained and improved.

ZONE 2



LEGEND

- Zone boundary
- Removed item
- Existing built area
- Proposed built area
- Fuel pipeline + zone of influence
- Underground desalination pipeline
- Overground desalination pipeline

- Natural grass/ sports fields
- Synthetic turf
- Native meadow
- Native bushland
- Intertidal zone / saltmarsh
- Naturalised bioswale
- Wetland ponds
- Shared pedestrianised space

- Roadway / car parking
- Traffic calming
- Pedestrian forecourt
- Primary footpath
- Cycle path
- Outdoor sports court / gym
- Play spaces
- Picnic shelters / barbecues

- Existing tree
- New tree
- Security gate
- Fence

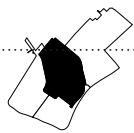
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SCALE 1:2500 @ A4

NOTES

- ① Road redirects vehicular traffic into ground level car park.
- ② Low horizontal log barrier fences around perimeter restrict vehicular access into park land or onto sports courts.
- ③ Proposed footprint of new elevated indoor sports facility, overlooking sports fields and providing passive surveillance to river side walkway. Extent of car park below elevated sports facility shown dotted.
- ④ New public amenities and cafe proposed at ground floor level of indoor sports facility.
- ⑤ Outdoor cafe seating overlooks sports fields and canal side precinct.
- ⑥ Area of car park replaced with natural grass.
- ⑦ Cycling path circuit.
- ⑧ Footprint of indoor sports facility to consider easement around desalination pipeline - extent of easement tbc with Sydney Water.
- ⑨ Netball courts reduced in number from eleven to six, and adapted for use as multi purpose netball and basketball courts.
- ⑩ Basketball practice courts + outdoor exercise equipment.
- ⑪ Small bird habitat maintained;
- ⑫ Exposed, poorly developed stretch of riparian zone enhanced;
- ⑬ New trees and dense planting to exposed corner of site act as wind buffer. Existing picnic shelter re-purposed as bird nesting structure - tables and hard standing replaced with native planting.
- ⑭ Existing indoor sports facility and picnic shelters removed.
- ⑮ Fence removed, connecting public realm with regenerated canal bank. Landscaped buffer creates soft barrier to deter foot fall.
- ⑯ 'Canal side precinct' - picnic shelters, barbecues, integrated bins, play areas scattered along linear parkland integrated within landscaped areas.
- ⑰ Mid height fence to sports fields restricts disruption to canal side precinct. Fence concealed with landscaped buffer. Physical and visual separation created between formal and informal zones.
- ⑱ Existing amenities block demolished, replacement amenities made available within new indoor sports facility.
- ⑲ Shared plaza / forecourt with single surface treatment marks entry point to Reserve. Cycle and pedestrian paths meet here, suggested location for way-finding, regulatory and instructional signage.
- ⑳ Removal of bridge barriers and gates where possible;
- ㉑ Vehicular traffic excluded from bridge - proposal to adapt into 'green bridge'.

ZONE 3



LEGEND

- Zone boundary
- Removed item
- Existing built area
- Proposed built area
- Fuel pipeline + zone of influence
- Underground desalination pipeline
- Overground desalination pipeline

- Natural grass/ sports fields
- Synthetic turf
- Native meadow
- Native bushland
- Intertidal zone / saltmarsh
- Naturalised bioswale
- Wetland ponds
- Shared pedestrianised space

- Roadway / car parking
- Traffic calming
- Pedestrian forecourt
- Primary footpath
- Cycle path
- Outdoor sports court / gym
- Play spaces
- Picnic shelters / barbecues

- Existing tree
- New tree
- Security gate
- Fence

0 20 40 60 100m

SCALE 1:2500 @ A4

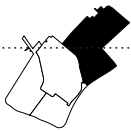
NOTES

- 01 Pedestrian forecourt at park entry - suggested location for way-finding, regulatory and instructional signage. Pedestrian crossings safely connect footpaths across road.
- 02 Car parking moved across road, away from new active transport cycle path.
- 03 Junction around Bay Street, Old Street and Loop Road narrowed and clearly defined, creating additional parking.
- 04 Naturalised bio swale extended to connect storm water systems. Board-walk footpath connections created over swale.
- 05 Raised shared surface slows vehicles and defines entry to Reserve. Safe intersections for cyclists and pedestrians integrated into junction.
- 06 Gated entry prevents after hours vehicle access to the Reserve and car parks.
- 07 Synthetic sports fields (two soccer fields, one rugby field, one AFL field)
 - Note, separation of synthetic fields reduces efficiency of installation, and fencing increases perception of physical separation of space. Should installation of all three fields be impractical, we suggest omitting the isolated synthetic soccer field from the scope.
- 08 Synthetic cricket wicket with natural turf outfield. Note one cricket wicket has been removed from the sports facilities.
- 09 New cricket nets.
- 10 Natural turf sports fields (two soccer fields, one rugby field).
- 11 Space allocated for sports warm up, and unbooked informal sports use - e.g. volleyball, frisbee, etc.
- 12 Subterranean high pressure fuel pipeline shown with 6m zone of influence - construction not permitted over this area.
- 13 Subterranean desalination pipeline, zone of influence unknown - construction not permitted over this area.
- 14 Concrete capped desalination pits retained in place.
- 15 Safe connection of footpaths across roads at desire path locations.
- 16 Low horizontal log barrier fences around perimeter restrict vehicular access onto sports fields.
- 17 Loop Road terminates in turning circle for vehicular traffic.
- 18 Children's bike practice track.



Artist's impression of view across sports fields towards new indoor sports, arts, cafe and amenities building.

ZONE 4



LEGEND

- Zone boundary
- Removed item
- Existing built area
- Proposed built area
- Fuel pipeline + zone of influence
- Underground desalination pipeline
- Overground desalination pipeline

- Natural grass/ sports fields
- Synthetic turf
- Native meadow
- Native bushland
- Intertidal zone / saltmarsh
- Naturalised bioswale
- Wetland ponds
- Shared pedestrianised space

- Roadway / car parking
- Traffic calming
- Pedestrian forecourt
- Primary footpath
- Cycle path
- Outdoor sports court / gym
- Play spaces
- Picnic shelters / barbecues

- Existing tree
- New tree
- Security gate
- Fence

0 20 40 60 100m

SCALE 1:2500 @ A4

NOTES

- 01 Naturalisation of existing clearing and with planting to attract small bird life, and installation of bird and bat boxes.
- 02 Private residential property - no public access.
- 03 Lori Short Reserve - entry point to Tempe Lands from residential neighbourhood. Disparate signage throughout wetland area to be removed and rationalised. Lori Short Reserve suggested as location for way-finding, regulatory and instructional signage.
- 04 Pathways through wetlands maintained. In case of future works, materials and inclines to be adapted to allow physical accessibility.
- 05 Vehicular entry from Barden, Fanning and Smith Streets restricted with concrete bollards to match bollards along South Street.
- 06 Footpath terminated and landscaped to discourage access.
- 07 Cycle and pedestrian paths travel alongside Alexandra Canal to meet Tempe Reserve.
- 08 Proposed route of Sydney Gateway Road. Proposed elevation of road unknown at this stage.
- 09 Visually and acoustically sensitive edge treatment to elevated road. Treatment to be developed by Sydney Gateway in conjunction with Inner West Council. To be approved by Inner West Council.
- 10 Multipurpose amenities building with outdoor plaza. Building to include office, kiosk, changing, sanitary and shower facilities, storage and umpire facilities.
- 11 Connection of a pedestrian route running from Tempe Recreation Reserve to Tempe Lands.
- 12 Footprint of existing leachate plant - future condition dependant on Sydney Gateway proposal.
- 13 Golf driving range structures removed.
- 14 Existing access road retained, car park reconfigured.
- 15 Off leash dog park with shade trees, picnic shelters, water fountains and separate areas for large and small dogs.
- 16 Sports fields or courts with shelter with spaces for observation and shading.



Looking towards Tempe Lands, from shared vehicular, cycle and pedestrian road. Photography by Welsh + Major Architects.



Looking across sports fields, Tempe Reserve. Photography by Welsh + Major Architects.

7.0 Objectives + Performance Targets



Photo Description. Photo Credit.



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Overview

This section connects the Master Plan Objectives + Strategies to the Master Plan proposals.

The following pages prioritise the proposed Master Plan actions with a view to their phased implementation over a ten year period - until the Plan of Management for Tempe Recreation Reserve and Tempe Lands is reviewed and revised.

For consistency and ease of reference, the actions have been grouped according to the categories used to set out the Master Plan Objectives + Strategies :

- Access
- Inclusive
- Community
- Sense of Place
- Sustainability
- Safety
- Sport + Recreation

The framework defined in the table below is applied to each objective. This includes the level of priority, preferred funding source and suggested measure for assessing the recommendation for success. This forms the basis for determining the future directions and management actions required to implement the recommendations.

| | |
|--|--|
| Management Issues | Broad issues listed here, derived from Inner West Council Community Strategic Plan and community engagement outcomes |
| Objectives and Performance Targets | List objectives and targets associated with consistent with local government act |
| Means of Achievement of Objectives | A list of practical steps that will be taken to achieve the objectives |
| Manner of Assessment of Performance | Practical measure of assessment of the recommendation |
| Priority | Advises timescale for implementing for the recommendation |
| • High | Short term: 1 to 3 years |
| • Medium | Medium term: 4 to 6 years |
| • Low | Long term: 7 to 10 years |
| • Ongoing | Continually considered during implementation of works and maintenance strategies |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|---------------------------------|--|---|---|----------|
| Location + Entry | Increase awareness of location of and facilities available at the park | Remove all superseded signage, and introduce new, simple and informative signage and way finding strategy — Prioritise way-finding signage at strategic entry points | Monitor visitor numbers to the park through observation | High |
| Public transport | Encourage use of public transport to access park | Install signage at local public transport stops to direct visitors towards the park, and promote public transport options on website and promotional materials | Monitor use of public transport by park visitors through observation and survey | High |
| Signage | Encourage social and safe use of the park, through consideration of other users and risk awareness | Remove scattered signage — Consolidate and logically position signage for maximum impact — Work with regulatory bodies to integrate safety signage with Inner West Council signage strategy | Monitor behaviour within the park through observation — Visual survey of easements and equipment by regulatory bodies | Med |
| Car parking - Overnight camping | Discourage long term or overnight stays | Relocate lockable gates to restrict access to all car parks and park roads — Ensure gates are locked after hours, to prevent unmonitored access — Introduce low barrier fences to restrict vehicle access into parkland | Monitor use of car parks through observation by wardens, and/ or CCTV | High |

**Key Objectives:**

1. *Improve access to the site for all users*
2. *Create simple signage and way-finding strategy*
3. *Increase awareness of what Tempe Recreation Reserve has to offer.*

Key Strategies to achieve this in Master Plan:

- Define access points into the Reserve
- Create additional access points into the Reserve.
- Provide safe, segregated routes into the Reserve for pedestrians and cyclists
- Develop a way finding strategy for the park, and consolidate all way-finding, regulatory and information signage into a consistent, clear and concise format

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|--------------------------------------|--|--|---|-------------|
| Car parking - Long stay | Ensure visitors who want to spend time in the park have priority to park their vehicles | Introduce time restricted parking throughout the park — Consider introducing permit controlled parking to neighbouring streets | Monitor length of stay through observation by wardens, and/ or CCTV | High |
| Car parking - Future capacity | Increase parking capacity if required to cater for visitors to proposed sports hub, without taking recreational space away from the park | Re-appropriate contaminated boat yard for use as multi level car park | Monitor parking availability through surveys and observation | Low |
| Pedestrian connection | More opportunity for direct pedestrian entry to and across site | Extend wetland pathways through upper section of Tempe Lands — Connect to light industrial zones to north of park with pathway through Tempe Lands | Assess success through observation and visitor survey | Med |
| Cycling connection | Connect all entry points to the park with existing cycle and footpaths in the local area — Enable easy movement through the park to facilitate wider goals of enhanced cycle corridors in Sydney | Connect cycle paths alongside Alexandra canal, on South Street, across Alexandra canal bridge and Holbeach Avenue, with well designed, well marked intersections and junctions | Assess success through observation and visitor survey | High |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-------------------|--|--|--|----------|
| Public access | <p>Avoid physical or visual obstruction of public access to any part of Tempe Recreation Reserve or Tempe Lands</p> <p>—</p> <p>Retain Tempe Recreation Reserve and Tempe Lands as a shared outdoor public space</p> | <p>Install low level fences with unlocked gates around synthetic pitches, to enable public use when not booked for organised sport</p> <p>—</p> <p>do not permit exclusive use of any part of the reserve when considering potential partnerships</p> | Assess success through surveys and observation | High |
| Dog walking | <p>To retain a dedicated space for off-leash dog park</p> <p>—</p> <p>Improve on existing experiences of dogs and dog owners within the park</p> <p>—</p> <p>Make park more inviting to dog owners</p> | <p>Nominate a temporary off leash dog zone for duration of Sydney Gateway construction</p> <p>—</p> <p>Incorporate benches, shade via trees or structures and drinking water provision</p> <p>—</p> <p>Trail a timed on/ off leash scheme in other parts of the park</p> | Assess success through surveys and observation | High |



Key Objectives:

1. *Ensure accessibility to the Reserve for all demographics*
2. *Integrate activities which cater for a range of ages, abilities and interests*

Key Strategies to achieve this in Master Plan:

- Continue connections to local indigenous communities and the history of the area
- Balance provision of activities to consider visitors of multiple generations and abilities
- Ensure alterations cater for people who are less able than others
- Provide off-leash dog areas

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|------------------------|---|--|---|----------|
| Activity spaces | Provide active play opportunities for all ages, from small children to adults | Increase range of activities available including children's bike play track, adults criterion track, play equipment for very young children, exercise equipment for adults, wild play for all — Remove fences and barriers between activity spaces to avoid perceived divisions of age segregated play | Assess success through observation and visitor survey | Med |
| Physical accessibility | Continual evolution of park spaces to facilitate accessibility | Consider physical accessibility when undertaking any future works to the parkland | Assess success through observation and visitor survey | On |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-----------------------------------|---|---|--|-------------|
| Built area | Avoid a sprawl of buildings and hard landscape across park — Increase footprint of permeable green space | Apply restrictions to area and volume of hard surfaces/ buildings within the park — Concentrate buildings and hard surfaces in one zone — Apply restrictions to hard surface car parking | Assess success through observation and area calculations | High |
| Connection to place | Ensure interpretation strategies or artworks span a wide range of reference including history, place, environment | Collaborate with aboriginal community before undertaking interpretation strategies or artworks | Assess success through observation and visitor survey | On |
| Aged and unused facilities | Demolish unfit for purpose buildings/ spaces — Re-purpose unused buildings as appropriate — Re-purpose or allow access to fenced off unused areas | Demolish unfit for purpose Jets club — Transform bowling greens into publicly accessible tennis courts and social precinct — Demolish Robyn Webster Sports centre, to replace with enhanced, fit-for-purpose facility | Assess success through observation and visitor survey | High |



Key Objectives:

1. Educate, inform, and entertain visitors with stories from the history of the Reserve and the local area, and the ecology of the place
2. Cultivate an environment which patrons feel proud of
3. Preserve and protect successful spaces
4. Provide definition to intermediary spaces, connecting them through the Reserve
5. Re-purpose and revive forgotten or neglected spaces and consider strategies to ensure they remain in-use long-term

Key Strategies to achieve this in Master Plan:

- Develop an identity for currently undefined spaces
- Re-purpose the Jets club and bowling greens
- Protect existing wetlands, salt-marshes and bushland
- Integrate explanatory signage where appropriate into the wider way-finding strategy
- Contribute realistic proposals for mitigating the impact of Sydney Gateway over the site.
- Maintenance of amenities, and ongoing site condition
- Create an integrated waste management solution throughout the site. Install bins and water fountains which do not attract pests and vermin

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|----------------------|---|---|--|----------|
| Identity / Landmarks | Build upon existing landmarks, meeting places and features of parkland to enhance character and identity for improved user experience | Develop and maintain Cook's Valley River Garden, Lori Short reserve, wetland and salt marsh environments — Develop theme of using local artworks on structures throughout park — Adapt existing recognisable picnic shelters into wildlife habitats | Assess success through observation and visitor survey | Med |
| Sydney Gateway | Minimise impact of Sydney Gateway on park | Actively engage with RMS Sydney Gateway team to develop sensitive edge treatment between road and parkland | Assess success through gauging impact of Sydney gateway through observation and visitor survey | High |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-------------------------|---|--|---|-------------|
| Precincts | Remove segregation between activities — For visitors to interact with natural environment while participating in available activities — Distribute concentration of occupancy more evenly around park | Integrate barbecue, picnic, play facilities into parkland zones, and with each other — Connect precincts to natural features — Spread facilities around a wider area | Assess success through observation and survey of park visitors | Med |
| Shared amenities | Provide fit-for-purpose, robust, secure, and easy to maintain facilities | Upgrade existing amenities where appropriate, introduce lighting to deter antisocial use — Replace amenities with new where appropriate — Allow staff provision for adequate maintenance and upkeep of amenities | Assess success through longevity and durability of upgraded or new facilities | Med |
| Cycle racks | Encourage visitors to cycle to the park, and passing cyclists to stop and stay in the park | Provide a reasonable number of robust cycle racks in logical locations | Assess success through observation and survey of cyclists and other park visitors | High |
| Maintenance | For visitors to feel satisfied with condition of park and amenities and comfortable to use them | Facilitate council maintenance by providing storage space for equipment and staff welfare facilities within park — Allow staff provision for adequate maintenance and upkeep of park | Assess success through observation, maintenance records and survey of park visitors | High |

**Key Objectives:**

1. *Maintain facilities for use by all patrons*
2. *Reflect community needs as a public parkland*

Key Strategies to achieve this in Master Plan:

- Create a community directed local hub, with an active, inclusive and diverse programme
- Revive the use of Tempe Reserve as venue for markets + festivals
- Improve the quality, condition, visibility and maintenance of communal amenities, to encourage respectful use and provide passive surveillance

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-------------------------|--|--|---|-------------|
| Waste management | Provide a more enjoyable user experience by rationalising waste management strategy — Minimise spread of pests and vermin | Install non movable bins or lockable bin enclosures wherever bins are required — In locating the bins, consider access for waste collection — Allow staff provision for adequate maintenance and upkeep of waste management strategy | Assess cleanliness of park through observation and visitor survey | High |
| Events | Make 'Village Green' an available and attractive venue for festivals, fairs, markets and other organised public attractions and events | Allow managed access to Village Green via removable bollards — Advertise availability of park space for events, and advertise upcoming events both locally and online — Implement post-event maintenance strategy to maintain ground in good condition | Assess success through popularity of events based on footfall, observation and surveying visitors and events organisers | Med |
| Cafe | Provide cafe with outdoor seating to meet demand for refreshments and community hub | Nominate dedicated space for cafe and install an adaptable operator — Allow for community feedback and adapt cafe services to cater to users | Assess success through popularity of cafe | Med |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|--------------------------------|--|--|--|-----------|
| Biodiversity + Wildlife | <p>Protect wildlife currently present in the park</p> <p>—</p> <p>Continue to develop natural environment to attract and enhance further biodiversity</p> <p>—</p> <p>Enhance user interaction with and awareness of natural environment</p> <p>—</p> <p>Preserve dark skies for nocturnal animals</p> | <p>Maintain existing small bird habitats, connect habitats to other pockets with planted 'islands' or corridors.</p> <p>—</p> <p>Introduce under storey planting as appropriate</p> <p>—</p> <p>Densify and maintain existing planting</p> <p>—</p> <p>Remove physical barriers such as fences and walls, between users and natural environment</p> <p>—</p> <p>Provide interpretation strategies for flora and fauna</p> <p>—</p> <p>Limit lighting levels and locations to pedestrian pathways</p> <p>—</p> <p>Reclaim unnecessary or underused hard surfaces as naturalised planted zones</p> <p>—</p> <p>Enhance underdeveloped stretches of riparian zone</p> | Visual survey by ecologist | On |
| Approach to building | <p>Prioritise use of natural elements over built structures</p> | <p>Use sustainable energy sources to power amenities around the park including barbecues, toilets, lighting</p> <p>—</p> <p>Plant trees as shading devices and wind breaks instead of using built structures</p> <p>—</p> <p>Approach design of new buildings with sustainable approach at the forefront of design approach</p> | <p>Assessment of energy consumption rates and projected life cycle energy consumption of projected new buildings</p> <p>—</p> <p>Site visit during sunny and windy weather</p> | On |



Key Objectives:

1. Optimise and consolidate natural storm-water strategy
2. Maintain and increase concentrated pockets of biodiversity and natural areas throughout the site, creating connecting corridors for wildlife, and increasing user awareness of site ecology

Key Strategies to achieve this in Master Plan:

- Connect existing bio swales to each other and to storm-water system
- Promote awareness and appreciation of managed interventions
- Continue to encourage small bird life
- Maintain dark sky zones for nocturnal wildlife
- Resume maintenance of naturalised zones

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-----------------------|---|--|---|----------|
| Water Management | Reduce pooling of water and flooding around the park — Reduce closure rate of pitches due to water-logging or hard ground — Maximise use of parkland by all users | Develop a park-wide water management strategy — Connect existing naturalised swales to existing drains — Replace solid surface paths with permeable or bridge style paths — Make use of natural features such as rises, troughs, marshes in water management strategy — Promote use of new naturalised swales to cater for increased run off from synthetic pitches — Renew drainage system under existing sports pitches — Use on site rainwater collection to water the park grounds as required | Visual assessment of water levels after heavy rain — Visual assessment of planted areas | High |
| Wellness + Well being | Continue to provide spaces which benefit visitors' physical and mental well being | Preserve and continue to enhance unique habitats such as wetlands, salt marshes, waterfront, areas of apparent wilderness and bushland pockets — Create pockets of quiet peaceful space where opportunities arise | Assess success with visitor survey | High |
| Leachate plant | Ensure continued safety of users and habitat around leachate plant and contaminated areas | Undertake assessment of leachate plant and upgrade as required | Technical survey by specialist engineer | High |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-----------------------------------|---|---|---|-------------|
| General road safety | <p>Resolve and define unmaintained or confusing sections of road</p> <p>—</p> <p>Make it clear to vehicles that the park is a mixed user zone necessitating increased awareness and reduced travel speeds</p> | <p>Define the edges of the loop road and maintain a consistent road width and rationalise loose junctions</p> <p>—</p> <p>Install discreet traffic calming measures to slow road users on entry to park and allow integration of safe intersections</p> <p>—</p> <p>Remove motor vehicle access from shared road section, reclaim this road surface as parkland</p> | Assess success through observation and visitor survey | Med |
| Cyclist specific safety | <p>Comfort and safety of cyclists when using the park, including entry and exit experience</p> <p>—</p> <p>Protect cyclists from motor vehicles</p> | <p>Separate cyclists, pedestrians and motor vehicles by provision of dedicated cycle paths</p> <p>—</p> <p>Separate areas of car parking from cycle paths</p> | Assess success through observation and visitor survey | High |
| Pedestrian specific safety | <p>Comfort and safety of pedestrians when using the park, including entry and exit experience</p> <p>—</p> <p>Protect pedestrians from cyclists and motor vehicles</p> | <p>Separate cyclists, pedestrians and motor vehicles by provision of dedicated cycle paths</p> <p>—</p> <p>Separate areas of car parking from cycle paths</p> <p>—</p> <p>Safe connection of footpaths across roads at desire path locations</p> | Assess success through observation and visitor survey | High |

Key Objectives:

1. Increase the perceived sense of safety by the introduction of carefully designed built elements
2. Address the interaction of vehicular, bicycle and pedestrian traffic
3. Discourage and dissuade perceived anti-social behaviour through design elements.

Key Strategies to achieve this in Master Plan:

- Create opportunities for passive surveillance around the site
- Provide consistent after dark lighting around primary routes
- Separate traffic routes for each mode of transportation
- Introduce physical barriers to deter vehicular access to parkland and after hours access to car parks
- Improve road safety by better definition of road junctions

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|----------------------|--|--|---|----------|
| Passive surveillance | For visitors to feel safe and secure at all places in the park — To discourage anti-social behaviour | Elevate new building for perceived safety from pathways — Move redundant paths and social gathering spaces from places where they are not visible, into areas where they are overlooked where possible | Assess success through observation and visitor survey | Med |
| Dogs | For visitors to feel safe and secure at all places in the park | Encourage dog owners to use enclosed areas if their dog could pose danger to other park visitors — Encourage dog owners to monitor their pets' behaviour and location while using the park | Assess success through observation and visitor survey | Med |
| Lighting | For visitors to feel safe and secure in the park after dark — Avoid light pollution to sensitive biodiversity habitats | Low level lighting to primary pathways and cycle paths — Provide routes which don't travel through biodiversity habitats | Assess success through observation and visitor survey | Med |
| Vehicular access | Prevent motor vehicles from accessing parkland | Introduce low barrier fences or closely spaced bollards to restrict vehicle access into parkland | Assess success through observation and visitor survey | High |

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|---|--|---|--|------------|
| ‘Sports hub’ status - Outdoor sports fields | <p>Cater for a wide range of sports to reinforce status as a sports hub</p> <p>—</p> <p>Prioritise flexibility of facilities</p> <p>—</p> <p>Sports grounds available for use regardless of weather conditions</p> | <p>Adapt existing outdoor courts to cater for multiple sports such as netball, basketball and hockey</p> <p>—</p> <p>Convert bowling greens into multi purpose racket sport courts - tennis, volleyball, badminton etc.</p> <p>—</p> <p>Provide mix of natural turf and synthetic sports pitches</p> <p>—</p> <p>If demand for sports facilities continue, install sports pitches on part of Tempe Lands following completion of Sydney Gateway</p> | Assess success through observation, visitor survey, volume of bookings | Med |
| ‘Sports Hub’ status - Indoor sports facility | <p>Provide a competition sized sports venue suitable for a wide range of sports to reinforce status as a sports hub</p> <p>—</p> <p>Avoid removal of parkland in creation of venue</p> | <p>Replace existing sports centre building with a competition compliant indoor sports centre able to cater for multiple sports including basketball, futsal, roller derby, among others</p> <p>—</p> <p>Keep building and car park footprint as close to existing footprint as possible by elevating the building above car parking</p> | Assess success through observation, visitor survey, volume of bookings and competitions held at the site | Med |

**Key Objectives:**

1. *Maximise the profile and use of Tempe Recreation Reserve as a destination sports hub.*
2. *Preserve inclusivity and availability of sports and recreation opportunities across Tempe Recreation Reserve.*

Key Strategies to achieve this in Master Plan:

- Enhance quality of existing indoor and outdoor sports facilities.
- Increase quantity of sports facilities to accommodate in-demand sports and competitions.
- Consider provision of accompanying amenities to match potential increased capacity.
- Retain spaces for unstructured and casual sports use.
- Enable flexibility of spaces, to be shared across a range of sports.
- Reduce adverse impacts of storm-water on turfed areas, to maximise potential use.

| Management Issues | Objectives and Performance Targets | Means of Achievement of Objectives | Manner of Assessment of Performance | Priority |
|-----------------------------|---|--|--|------------|
| Non organised sports | Maximise opportunities for range of non-organised sports and active recreation around the park — Meet demand for practice of sports increasing in popularity such as basketball and cycling — Provide high quality facilities | Install outdoor gym equipment integrated within the parkland — Formalise a criterion circuit around the park for non-organised cycling practice — Install new cricket practice nets — Maintain an area of non marked pitch quality ground for non-organised exercise and sports practice — Implement ongoing programme of review and ongoing maintenance of sports surfaces and enclosures | Assess success through observation and visitor survey | Med |
| Water sports | Encourage visitors to take advantage of waterways | Continue to maintain RMS owned jetty — Install boat storage racks near jetty, to attract recreations private boat owners and dragon boat clubs | Assess success through observation and visitor survey | Low |
| Capacity | Provide enough amenities to cater for both new facilities and projected increase in visitors to the park | Locate public amenities inside new sports facility with option to open and close more amenities as per demand | Assess success through monitoring use of facilities and visitor survey | Med |