

OATLEY PARK

MASTERPLAN



PREPARED BY THOMPSON BERRILL LANDSCAPE DESIGN
FOR GEORGES RIVER COUNCIL

Masterplan Principles

Ecology

- Improve the ecological quality and diversity.
- Provide additional support for bushcare groups.
- Protect and enhance the existing threatened flora and fauna species on site.

Safety

- Increase general safety for the users of the site.
- Improve safety associated with the interface between vehicles, road cyclists and pedestrians.
- Upgrade facilities for the public users (including disabled and elderly) of Oatley Baths.














Public Amenity

- Consolidate and improve existing pedestrian paths through the Park.
- Enhance the existing play facilities to enhance and diversify the playground experience.
- Develop a cohesive suite of landscape infrastructure to be progressively implemented.
- Implement additional way-finding, regulatory and interpretive signage.

Active Sports

- Retain and improve active recreation facilities.
- Provide enhanced facilities for bush-walkers.
- Increase public visitation by providing enhanced and varied facilities for public health.

Drawing Key

-  Existing sealed road
-  Steps
-  Upgrade path to Sportsfield amenity block
-  Existing sealed path
-  Potential pedestrian path on existing sealed surface
-  Potential off-road unsealed pedestrian path
-  Existing bushwalking trails
-  Existing fire trail
-  Upgrades to existing carparks
-  Potential modifications to existing carparks
-  Potential fitness equipment area
-  Potential picnic table locations
-  Removable bollards



General Recommendations

- **Bushland Planning** - Adopt management recommendations from Georges River Biodiversity Study (2021):
 - Undertake bush regeneration works in the Estuarine Swamp Oak Forest and Coastal Freshwater Wetlands to minimise weed prevalence.
 - Implement buffer plantings around Threatened Ecological Communities where possible to reduce edge effects and increase patch resilience.
 - Classify the site as a 'wildlife protection area' as defined under section 30 (b) of the Companion Animals Act 1998 and undertake appropriate ongoing cat control.
 - Harvest the seed from existing individuals of *Acacia prominens* (Gosford Wattle) and propagate new plants for use in Council parks and reserves and for giving away to the community.
 - Investigate available options and viability for formal in perpetuity protection of Council reserves (i.e. Biodiversity Stewardship Agreements and Conservation Agreement under the Biodiversity Conservation Act 2016).
 - Undertake ecological and/or cultural burns that complement hazard reduction burning.
 - Improve habitat connectivity between Oatley Park and Lime Kiln Bay Reserve to Myles Dunphy Reserve to the east. This should be achieved through planning controls and the development of a Habitat Connectivity Plan.
 - Undertake fox control in accordance with Council's ongoing Fox Management Program.

- **Bushland Management** - Prepare Vegetation Management Plan (VMP) to guide recommendations, locations and timing of all future bush regeneration/revegetation works.

- **Bushland Community Groups** - Council continue to support community bush regeneration groups in Oatley Park.

- **Fire Management** - Prepare site specific Bush Fire Management Plan (BFMP) to guide recommendations, locations and timing of all future fire management works.

- **Feral Animal Control** - Council to continue ongoing feral animal management.

- **Carparking Surfaces** - Investigate and implement (if feasible) opportunities to improve carpark unsealed surfaces with crushed sandstone (with regular inspections and repairs as required), improved drainage and additional signage.

- **Carparking Layouts** - Investigate and implement (if feasible) opportunities to improve efficiency of carpark layouts to potentially reduce carpark footprints (with retention of overall carparking spaces), defined parking bays and vehicle aisles, reduce impact on existing trees, and improve pedestrian movement routes through/around carpark areas.

- **Vehicle Barriers** - Develop simple post and rail vehicle barrier design, with materials (composed of recycled materials where possible) that are durable and sympathetic with natural character of Oatley Park. Identify areas throughout Park where additional vehicle barriers are required to prevent illegal parking, and install as required. Progressively replace existing treated pine barriers with new design.

- **Landscape Infrastructure** (Picnic Tables, Seating, Shelters and Water Refill Stations) - Select landscape infrastructure design with materials that are durable and sympathetic with natural character of Oatley Park. Progressively replace existing landscape infrastructure with new design.

- **Recycling Stations** - Select recycling station with materials that are durable and sympathetic with natural character of Oatley Park, and install at Sportsfield and Oatley Baths (note recycling station already installed at Steamroller Park).

- **Off-road Biking** - Off-road biking is not permitted in Oatley Park. Develop graphic/written material to effectively communicate reasons for closure of informal off-road biking within Oatley Park, followed by installation of signage and durable fencing to prevent bike use of informal trails and remove and rehabilitate illegal mountain bike trails, and redirect riders to nearby designated tracks. Council's resolution is not to permit mountain bike tracks in the Park.

- **Dog Waste Management** - Install dog waste bag dispensers and bins at appropriate locations in the park (Sportsfield, Steamroller Park and Oatley Baths).

- **Signage** - Locate and install wayfinding, regulatory and interpretive signage throughout Oatley Park in accordance with Council LGA wide Signage Guidelines.

- **Telecommunications Towers** - Telecommunications towers are not advised as not sympathetic to the natural character and unique ecology of Oatley Park.

- **Memorial Plaques** - Memorial plaques are not permitted within Oatley Park (with the exception of the existing Lone Pine memorial plaques near the main entry).

- **Vehicle Speed Control** - Undertake Traffic Engineering to investigate recommendations for "road bike-friendly" speed humps, and speed limit signage, in select strategic locations throughout Oatley Park.

- **Shared Roads** - Undertake and implement (if feasible) Traffic Engineering to investigate recommendations for improvements to shared road signage and linemarking, including signage for St George Cycling race days. Regular inspections and repairs of asphalt shared road surfaces as per Council's service level agreements.

- **Drones and Remote-Controlled Vehicles** - Drones and remote-controlled vehicles (e.g. cars, trucks, boats) are not permitted within Oatley Park, or within 200m of the foreshore unless by Council-authorized operators.

- **Natural Foreshore Areas** - No works permitted within natural foreshore areas (with the exception of litter removal and regeneration/revegetation works) to protect important flora and threatened fauna identified in Georges River Biodiversity Study 2021, and potential heritage areas identified in AHIMS 2021 search.

- **Enforcement** - Additional Council rangers to enforce park rules regarding parking, littering, dog control, etc.

- **Future Development** - Prohibit any new buildings within existing bushland and foreshore areas of Oatley Park.







- **Hire Agreement** - Investigate feasibility of permitting hire agreement opportunities within Oatley Park that do not damage bush areas, and do not negatively impact the park (e.g. filming, internal Council events/ activities). Hire agreement to be prepared with Council.

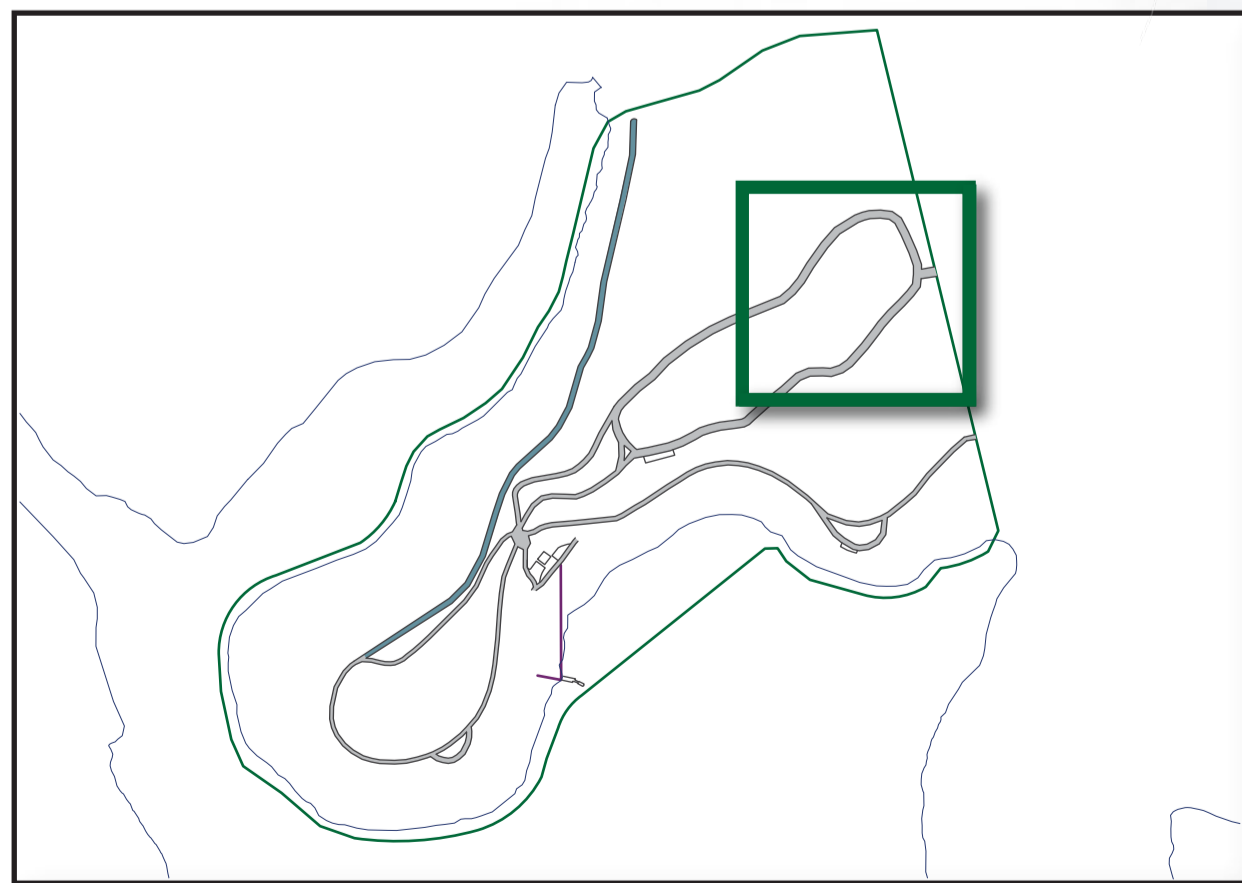


Main Entry and Sporting Oval

- 1 Main Entry (Oatley Park Avenue) - Upgrade entry with consolidated signage, improved groundcover plantings and retention of 'Lone Pine' tree and adjacent memorial plaques, improving visitor access to memorial plaques.
- 2 Main Entry Carpark - Upgrade as per 'General' recommendations, consider installation of formalised bays, improve roundabout edging and planting, and pedestrian pathway connection along the edge of carpark.
- 3 Sportsfield - Continue regular inspections and maintenance of playing field surface, and develop design for outdoor fitness equipment circuit to boundary of playing area.
- 4 Sportsfield Amenity Block - Continue regular inspections and maintenance of amenities block.
- 5 South Sportsfield Carpark - Upgrade as per 'General' recommendations.
- 6 Shared Road - Mallard Drive (southern side of loop) - Investigate feasibility of continuous off-road unsealed pedestrian path (to edge of road or appropriate adjacent area) from Oatley Park Main Entry to Steamroller Playground with crushed sandstone surface, linemarking, signage and vehicle control barriers as per Council's service level agreements. No encroachment to adjacent significant trees/ vegetation for pedestrian path.
- 7 Mallard Drive Carpark 3 (north side of northern loop) - Upgrade as per 'General' recommendations.

Drawing Key









-  Potential modifications to existing carparks
-  Upgrades to existing carparks
-  Existing sealed road
-  Upgrade path to Steamroller Park
-  Potential off-road unsealed pedestrian path
-  Existing bushwalking trails

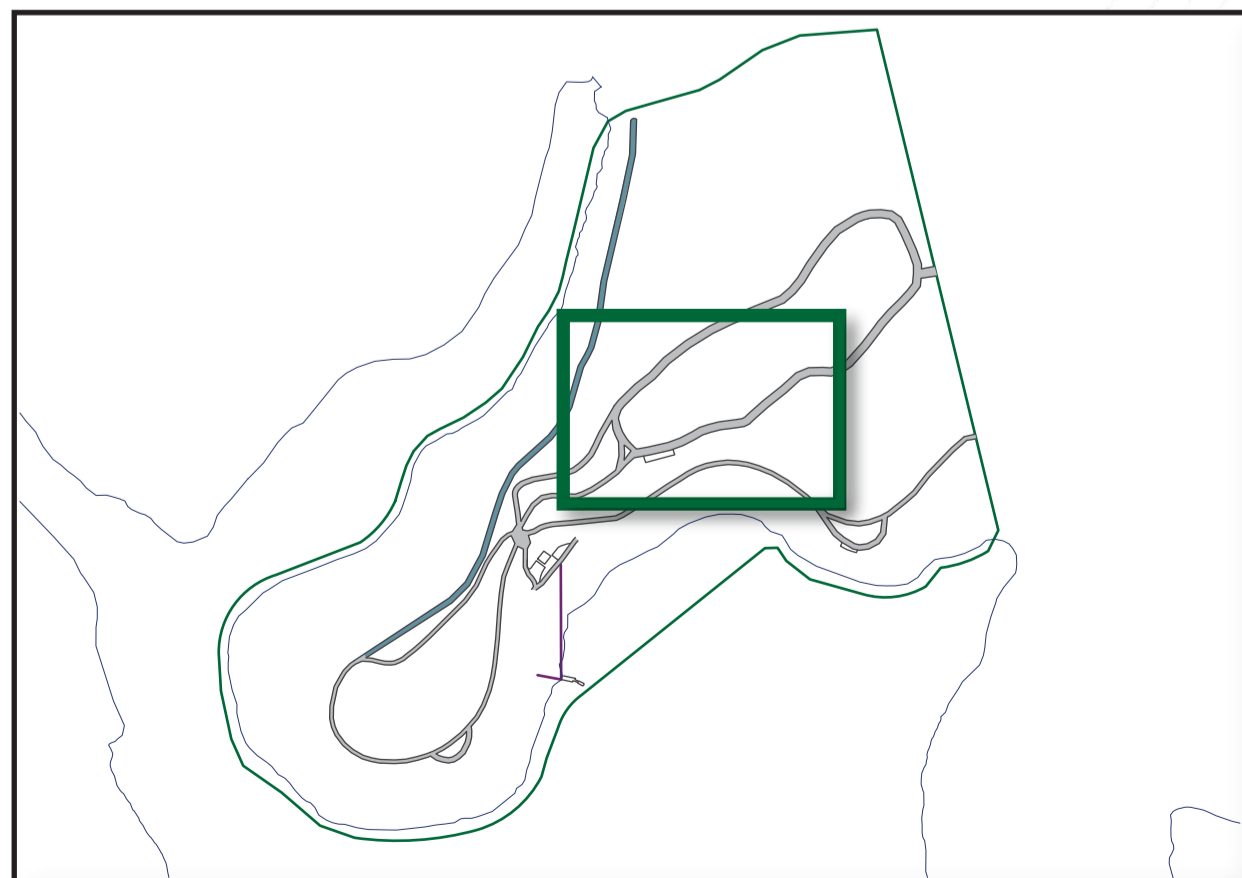


Oatley Bush Park Playground (Steamroller Park)

- 8** Steamroller Park- Ongoing maintenance in accordance with Council's service level agreements.
- 9** Playground Carpark (adjacent to playground area) - Upgrade as per 'General' recommendations.
- 10** Mobile Food Vendor - Investigate feasibility of permitting coffee van to operate within safe area of carpark (occupying no more than 2 parking spaces, location to be determined) within the operating hours of the Park. Licensing/lease agreement to be prepared with operator to set parameters regarding noise control, timing, food waste, size of vehicle, low exhaust emission generator with low noise to ensure the natural character and biodiversity of Oatley Park is retained and protected with minimal environmental impact. Installation of additional bin near final agreed location.
- 11** Southern Playground Carpark - Upgrade as per 'General' recommendations and consider installation of formalised perpendicular bays and walking trail connection.
- 12** Sportsfield Amenity Block Path - Investigate upgrade of path from Steamroller Park to Sportsfield Amenity Block to provide all-ability sealed path connection, with 'Nature Trail' signage and low maintenance features (e.g. small sculptures, fallen log balancing beam, rounded stepping sandstone boulders, stumps with yarning circle, change of surface materials etc.) educating children about the unique local ecology of Oatley Park.
- 13** Mallard Drive Carpark 1 (north side of southern loop) - Upgrade as per 'General' recommendations.
- 14** Mallard Drive Carpark 2 (south side of southern loop) - Upgrade as per 'General' recommendations.

Drawing Key

-  Steamroller Park playground
-  Upgrades to existing carparks
-  Potential modifications to existing carparks
-  Existing sealed road
-  Upgrade path to Sportsfield amenity block
-  Existing sealed path
-  Potential one way road with pedestrian path
-  Potential off-road unsealed pedestrian path
-  Steps connecting to Christensen Circuit
-  Existing bushwalking trails





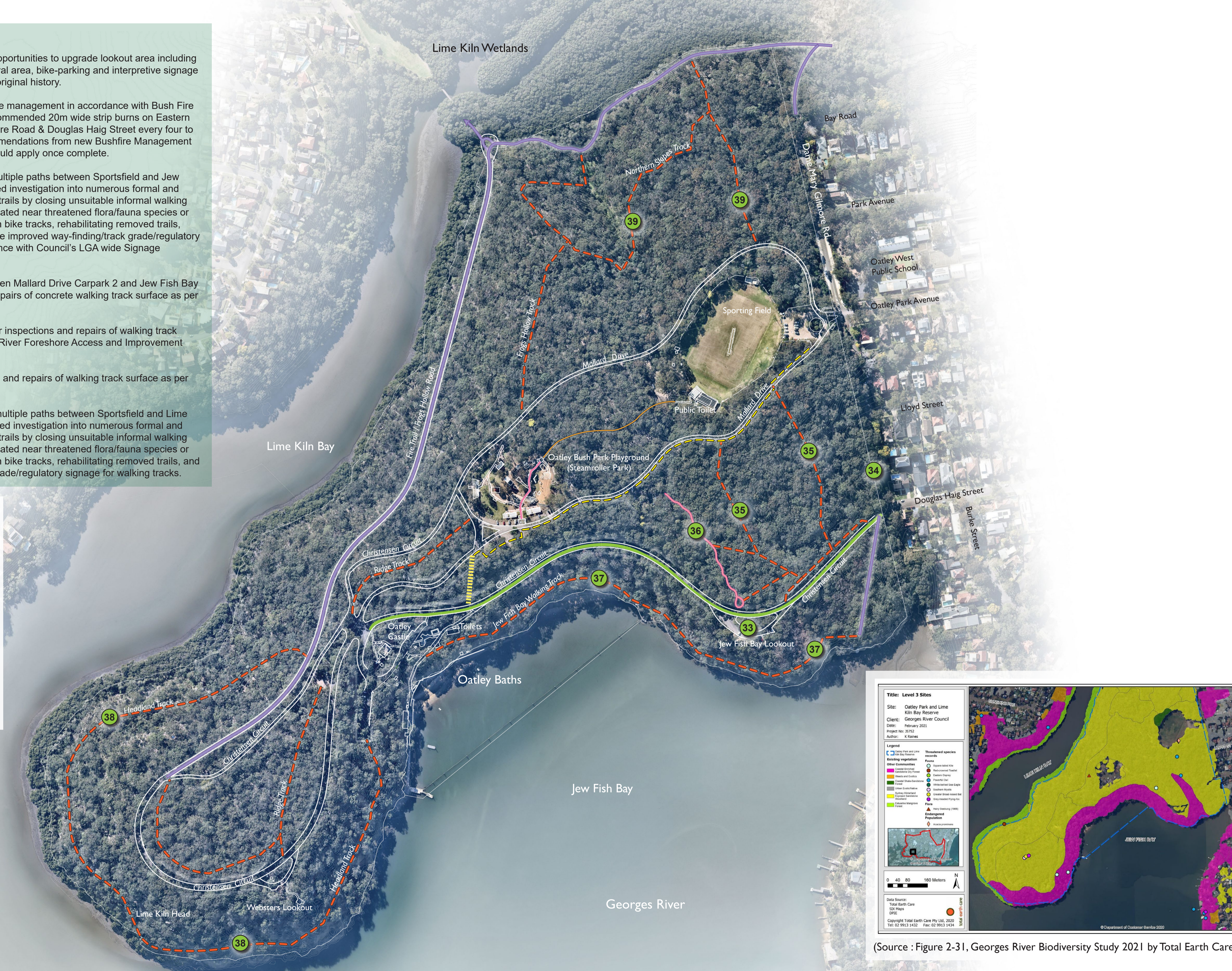
- ### Oatley Castle, Oatley Baths and Five-ways
- 15** Oatley Castle Structural Integrity - Undertake additional structural and hydraulic engineering investigations and complete any required works identified, to ensure building is structurally sound and safe for public access.
 - 16** Oatley Castle Improvements - Undertake Architectural Concept Design development for castle improvement upgrades (internal fit out, safety improvements and landscape/accessibility upgrades) in collaboration with key stakeholders and community groups. Improvement upgrades are required to meet current building and accessibility codes.
 - 17** Oatley Castle Carpark (east of Castle) - Regular inspections and repairs of asphalt and drainage in accordance with Council's service level agreements. Investigate feasibility of installing stairs with handrails to side of existing ramp from Ranger's Office to Oatley Baths to improve accessibility as per Access Consultant Report.
 - 18** Oatley Castle Carpark (south side of Castle) - Relocate aging signs, bins and picnic table away from castle arrival area. Investigate feasibility of removing parking bays, or moving bays south (by installing tyre stops) to improve arrival zone to improve pedestrian circulation, arrival experience and provide additional landscape buffer to castle surrounds. Improve accessibility to the Castle as per Access Consultant Report.
 - 19** Oatley Baths Carpark (south of Castle) - Regular inspections and repairs of asphalt and drainage in accordance with Council's service level agreements. Install vehicle barriers to carpark entry area (and revegetate area) to ensure vehicles park only in dedicated parking bays and protect existing mature tree.
 - 20** Oatley Baths Beach Area - Install four additional picnic tables and shelters along foreshore adjacent to beach area, as per 'Georges River Foreshore Access and Improvement Plan' recommendations (2021).
 - 21** Oatley Baths Promenade and Sea Wall - Undertake structural coastal engineering investigation to outline recommendations and prioritisations to guide sea wall and promenade surface repairs as required. Investigate feasibility of installation of electric BBQ near amenities block.
 - 22** Oatley Baths Amenities Block - Undertake Architectural Concept Design to investigate potential improvement upgrades including improvements to toilets (provide disabled toilet facility), showers, change room and meeting room (to ensure facilities meet current Australian Standards and relevant accessibility standards). Investigate feasibility of installation of telecommunications, motion-sensor LED lighting and shade awning to front of amenities block facade, and additional lockable storage facility.
 - 23** Oatley Baths Swimming Area - Undertake structural coastal engineering investigation to outline recommendations for improvements to access stairs to improve accessibility (with non-slip surface treatment), turning board (lower portion for kick-offs). Regular inspections and repairs of swimming nets, piles and pontoons as required.
 - 24** Oatley Baths Pontoon - Regular inspections and repairs of pontoon as required. Install new signage (with NSW Fisheries approval) specifying legal fish species, sizes and bag limits and map illustrated permitted fishing areas.
 - 25** Oatley Baths Concrete Wharf (north side) - Undertake coastal engineering investigation to explore feasibility of new pedestrian access stairs/handrails into Baths area for swimming. Undertake geotechnical and structural engineering for elevated stairs providing pedestrian connection from lower foreshore to Jew fish Bay Walking Track, as per 'Georges River Foreshore Access and Improvement Plan' recommendations (2021).
 - 26** Oatley Baths Concrete Wharf (south side) - Undertake coastal engineering investigation to outline recommendations and methodology to remove risk from sharp submerged ledge.
 - 27** Toilet Block - Regular inspections and repairs of building as required.
 - 28** Ranger's Office - Regular inspections and repairs of building as required.
 - 29** Five-ways Carpark (south of five-ways) - Upgrade as per 'General' recommendations, and remove exit/entry to west side of carpark area.
 - 30** Christensen Circuit Southern Loop - Undertake traffic engineering to investigate appropriate traffic control measures e.g. signage, linemarking and high-visibility removable bollards/automated gate at both ends to prevent vehicular access to Christensen Circuit Southern Loop, and amend "Shared Roadway" signage to loop road as required. Traffic control measures at both ends are to allow emergency vehicles and Council maintenance vehicles to retain access as required.
 - 31** Webster's Lookout - Investigate opportunities to upgrade lookout area including improved paving, revegetation to arrival area, bike-parking and interpretive signage focused on local bird species and Aboriginal history.
 - 32** Western Fire Trail / Frogs Hollow Road - Remove gate from southern end of fire trail, if prevention of vehicular access to Christensen Circuit Southern Loop is deemed feasible, for improved cycling safety.
 - 33** Douglas Haig Street access from Oatley Castle only one-way investigation - Subject to suitable funding. Council to investigate feasibility to change Douglas Haig Street access point to exit-only for cars (excluding emergency access vehicles and Council maintenance vehicles) and turn road from Castle to Douglas Haig Street one-way, provide linemarking and separation measures as required for pedestrian and disabled access. Proposal to proceed if feasibility assessment determines design solution will not have adverse impact on site character, safety, traffic/parking conditions elsewhere in the park, etc.

Bushland Areas

- 33 Jew Fish Bay Lookout - Investigate opportunities to upgrade lookout area including improved paving, revegetation to arrival area, bike-parking and interpretive signage focused on local bird species and Aboriginal history.
- 34 Firebreak (eastern edge of Park) - Fire management in accordance with Bush Fire Management Plan 2003, (APZ 8) recommended 20m wide strip burns on Eastern Boundary between Dame Mary Gilmore Road & Douglas Haig Street every four to seven years in rotation. Note: Recommendations from new Bushfire Management Plan (BFMP) (currently underway) would apply once complete.
- 35 Eastern Unsealed Walking Tracks (multiple paths between Sportsfield and Jew Fish Bay Lookout) - Undertake detailed investigation into numerous formal and informal walking tracks. Consolidate trails by closing unsuitable informal walking tracks (i.e. tracks causing erosion, located near threatened flora/fauna species or heritage sites, etc), or illegal mountain bike tracks, rehabilitating removed trails, formalising approved trails and provide improved way-finding/track grade/regulatory signage for walking tracks in accordance with Council's LGA wide Signage Guidelines.
- 36 Eastern Sealed Walking Track (between Mallard Drive Carpark 2 and Jew Fish Bay Lookout) - Regular inspections and repairs of concrete walking track surface as per Council's service level agreements.
- 37 Jew Fish Bay Walking Track - Regular inspections and repairs of walking track surface as required, as per 'Georges River Foreshore Access and Improvement Plan' recommendations (2021).
- 38 Headland Track - Regular inspections and repairs of walking track surface as per Council's service level agreements.
- 39 Northern Unsealed Walking Tracks (multiple paths between Sportsfield and Lime Kiln Bay Wetlands) - Undertake detailed investigation into numerous formal and informal walking tracks. Consolidate trails by closing unsuitable informal walking tracks (i.e. tracks causing erosion, located near threatened flora/fauna species or heritage sites, etc), or illegal mountain bike tracks, rehabilitating removed trails, and provide improved way-finding/track grade/regulatory signage for walking tracks.

Drawing Key

- Existing sealed road
- Existing steps
- Potential pedestrian path on existing sealed surface
- Upgrade path to Sportsfield amenity block
- Existing sealed path
- Potential off-road unsealed pedestrian path
- Existing bushwalking trails
- Existing fire trail



Title: Level 3 Sites
 Site: Oatley Park and Lime Kiln Bay Reserve
 Client: Georges River Council
 Date: February 2021
 Project No: 3252
 Author: K Raines

Legend

	Threatened species records
Existing vegetation	Flora
	Flora
	Endangered Populations

Data Source:
 Total Earth Care
 SDA Maps
 DPI
 Copyrights Total Earth Care Pty Ltd. 2020
 Tel: 02 9913 1432 Fax: 02 9913 1434

Scale:
 0 40 80 160 Meters

Source: Figure 2-31, Georges River Biodiversity Study 2021 by Total Earth Care