



# CENTRAL COAST

## PUBLIC TOILET STRATEGY





## Acknowledgement of Country

We acknowledge we live, work and play on Darkinjung Country. We pay our respects to Elders, past, present and emerging and recognise their continued connection to these lands and waterways. We acknowledge our shared responsibility to care for and protect our place and people.

23031 | June 2024

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## Executive Summary

Public toilets are vital community infrastructure that contributes to the health and well-being of residents, workers, and visitors to the Central Coast. Often unacknowledged, public toilets support the operation, vitality, and accessibility of public places and spaces. While the Central Coast Council (Council) provides public toilets across a range of community settings, it should be recognised that many businesses also provide public toilets for the community, including their patrons.

The Central Coast Council Public Toilet Strategy (Strategy) sets a strategic framework to guide the renewal, upgrade, and provision of new public toilets across the Central Coast Local Government Area (LGA) in community settings, including parks, reserves and some town centres.

The Strategy highlights some of the essential issues and challenges associated with the public toilet network across the Central Coast and identifies opportunities for improvement. The core elements of the strategy are:

- Strategic Overview.
- Key findings from community consultation and community focus groups.
- Benchmarking public toilets.
- Identification of gaps and opportunities.
- Establishing design guidelines for public toilets.
- Recommendations for renewal, upgrade, and provision of new public toilets.
- Implementation planning.

This Strategy has endeavoured to build a cohesive approach with a range of strategic documentation prepared by the Council on other issues, including land use planning, pedestrian/bike route planning, play spaces, and recreation planning.

The community and stakeholders have also been engaged through community focus groups at the outset of the project to identify the community's perceptions, concerns, and desires for the future of the public toilet network. Before adopting this Strategy, the Council will seek broad community comments to ensure it meets the community's needs now and in the future.

Based on the strategic and community input, the Strategy will provide residents, workers and visitors to the Central Coast access to public toilets during appropriate hours based on the location and improve the existing standard of public toilets with a strategic approach to the operational servicing, renewal, upgrade and provision of new public toilets across the Central Coast. In achieving this direction, the Council will seek to ensure that public toilets are inclusive, safe, accessible, environmentally sustainable, and strategically located through the LGA to meet the needs of the current and future community.

The Strategy is expected to be regularly reviewed and updated to incorporate changing community needs, best practice management, and other feedback and learnings into this strategic direction. Reviews of this Strategy are planned to occur every four years.

- by Central Coast Council

## Gaps and Opportunities

There are 27 gap and opportunity sites found for potential new public toilets in the overall LGA (Refer to Section 3.1):

7 are within the Budgewoi area.  
5 are within The Entrance area.  
5 are within the Gosford East area.  
3 are within the Gosford West area.  
7 are within the Wyong area.

There are also immediate gaps and opportunities to open up or add-on public toilets to existing sports pavilion sites. There are approximately 60 sports pavilion sites of which the toilets are locked off or inaccessible for public use. These sites are co-located with open space parks and are in demand for public use. Part of the implementation recommendation is to open up or add-on public toilets to these 60 sports pavilion.

Following the implementation of the 27 new public toilets, reduction of 11 existing sites proposed to be demolished and changes to the 60 sports pavilion sites, the total ratio of public toilets with the approximate forecast of the LGA 2034 population will reach the range of 0.55-0.60/1000 ratio, which is the aimed benchmark for regional LGA's. Currently the existing available public toilets in the LGA is 0.43/1000 ratio based on 2022 population or 0.38/1000 ratio based on 2034 forecast population. (Refer to Table 1, Section 2.1).

## Methodology

This Strategy is divided into five key sections:

### 1. Strategic Overview

- A review of Council's strategic plans, operational and asset management stakeholders, consultations, community feedback and research of other public toilet strategies from across Australia.
- Findings and recommendations of the Strategy such as accessibility and inclusion, benchmarking, siting and co-location and adequacy.

### 2. Network Overview

- Identification of various types of public toilets such as general public toilets, transit toilets, special/ tourism areas, dump points and 24/7 public toilets.
- Summary of detail site inspections table and audits of each of the listed existing public toilets, in order to validate the conditions, fit for purpose design and the future implementation.

### 3. Gap Analysis and Opportunities

- Overview analysis of existing public toilets coverage radius, benchmark, identifying gaps and future potential demands.
- Formulation of the Demand Factors and Priority Points System in order to program the Implementation Plan over the next 15 to 20 years.

### 4. Design Guidelines

Developing Design Guidelines which aim to elevate public toilets into smart public toilets by implementing key design principles - S.M.A.R.T elements.

The Design Guidelines aim to influence future public toilets to be highly multi-functional, inclusive for universal gender/types of users, accessible to statutory standards, sustainable, implementing the latest technology to improve usability, maintenance and operation of the public toilets.

The S.M.A.R.T elements stand for:

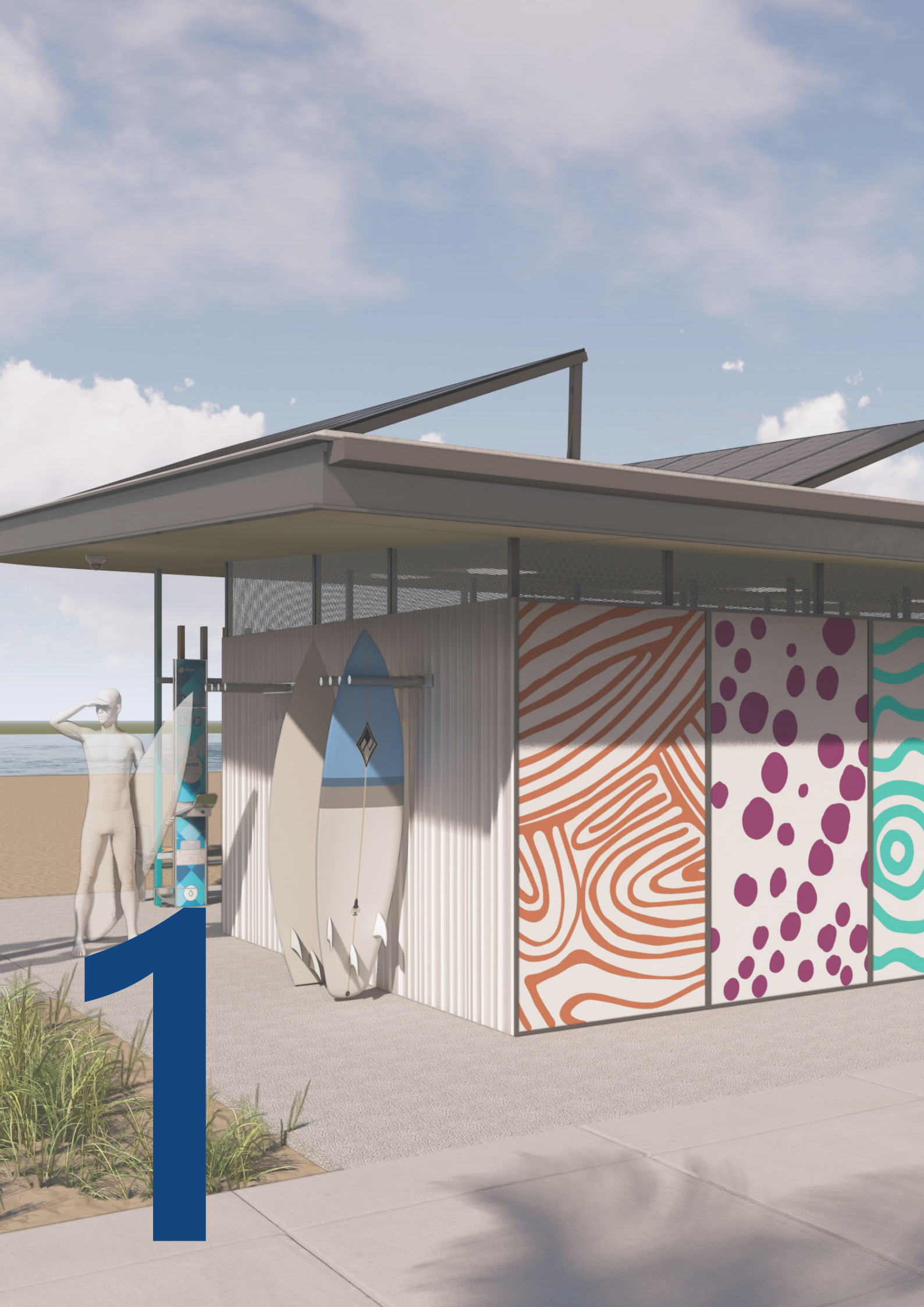
- S = Siting and Placemaking  
(Strategic site assessment, co-location and public toilets as placemaking).
- M = Multi-functional  
(Meets current and future needs specific to the context of the surrounding facilities).
- A = Accessible and Inclusion  
(Disability Discrimination Act 1992 [DDA] compliant, equality, safe and welcoming).
- R = Reliable and Sustainable  
(Durable, reliable and sustainable features).
- T = Technology  
(Maximising the latest technology to elevate standard toilets into smart amenities).

Following this embedded design principle for future public toilets, there are a series of high level concept types of public toilets, including a finishes and fittings schedule to provide high-level guidelines for a uniform public toilet design for the LGA. Each individual site is to be further detail designed to suit the site constraints, engineering, local needs and adjustments/ customisation.

### 5. Implementation Plan

Section 5 of the Strategy explores the action plan for the 27 potential new public toilet sites and upgrades to the existing 90 public toilets that were inspected. The remaining public toilets, such as the existing sports pavilion sites are not individually listed and remain as a general overall recommendation to open/ new add-on public toilets.





1



## 1 Strategic Overview

### 1.1 Introduction

The Strategy is a strategic planning document designed to serve as a guiding framework for the comprehensive delivery of a network of public toilet facilities and associated services across the LGA.

This Strategy outlines a clear vision, objectives, priorities, and design standards essential for the effective provision of public toilet services for the next 15 to 20 years.

### What is a Public Toilet

In general terms, a public toilet is characterised as a rest-room accessible for use by any member of the public.

Local Governments do not have a legislative requirement to provide public toilets, however, Local Governments provide public toilets as a means to improve the quality of life offered to the community.

For the purposes of this Strategy, public toilets are specifically identified as stand-alone or attached public facilities entirely operated and managed by the Council. This management includes various activities such as routine maintenance, cleaning, and the opening and closing of facilities.

It is essential to note that this definition excludes toilets that may be free-standing or attached to other facilities situated on reserves or other land, where the management responsibility lies with a user group, community committee, or under a Council-user arrangement, such as sporting amenities.

The delineation ensures clarity regarding the scope and governance of public toilets within the Council's operational framework.

### Strategic Objective

The Council is dedicated to establishing the Central Coast as a place that fosters a high quality of life for both the community and visitors. Among the assets essential for creating liveable communities, public toilets play a crucial role.

Ensuring public toilets are safe, clean, and easily accessible at suitable locations makes a tangible impact in encouraging both visitors and residents to stay and engage with the public spaces.

Emphasising a holistic approach, this Strategy takes into account the entire life cycle of public toilets, spanning planning, operation, maintenance, renewal, and disposal. This is achieved through robust asset management practices, ensuring alignment with

identified needs, community demands and expectations.

The Strategy is geared towards fulfilling the needs of the community by establishing a strategic vision and standards that govern the planning and management of public toilet facilities throughout their life cycle.

### Objectives

The primary goal of this Strategy is to provide a comprehensive framework for informed decision-making and planning, addressing reasonable community expectations. The Strategy is designed to achieve the following key objectives:

#### Comprehensive Facility Assessment:

- The review process will systematically evaluate existing facilities, identifying those that fall short of meeting the criteria for reasonable community demands. Simultaneously, it will explore potential locations for new facilities that align with these criteria.

#### Optimising Resource Allocation:

- The Strategy aims to pinpoint the optimal operational and maintenance resourcing requirements, considering financial needs. The ultimate objective is to minimise operating and maintenance costs throughout the lifespan of the public toilet facilities while maintaining access to amenities and meeting community needs. This reduction can be helped from the initial design and fit out of a toilet, the recommended toilet types include water and power efficient appliances, as well as self-cleaning components.

#### Integration of Smart Cities Technology:

- Opportunities for leveraging smart cities technology will be explored to automate and guide both reactive and operational work. This integration is intended to enhance efficiency and effectiveness in the management of public toilet facilities.

#### Future proofing:

- A financial framework has been developed to assist Council in delivering its objective of providing safe, clean, accessible, and appropriate public toilets for locals and visitors. It will take into consideration location, security, design, usage levels and associated life-cycle costs.

## Methodology

This Strategy has been collaboratively developed with Council at every stage of its formulation. The process adopts a comprehensive and multi-faceted approach, as illustrated in Figure 1. The strategy is structured through the following methodology:

### Strategic Review:

- Conducting a thorough review of strategic plans, policies, and standards to establish the policy context.

### Asset Review:

- Evaluating the condition of 90 public toilets within the LGA through asset inspection.
- A detailed desktop analysis of all 212 public toilets owned and/or managed by the Council, as well as other public toilets accessible to the public.
- Identifying opportunities, gaps, and demands for public toilets.

### Internal Stakeholder Consultation:

- Engaging various internal teams within the Council, including asset management, buildings, facilities and operations, open space and recreation, events and town centres, and road drainage and infrastructure. Workshops were conducted to facilitate discussions and exploration of potential needs and opportunities related to the provision of public toilets.

### Community Consultation:

- Hosted a series of focus groups with key stakeholders to explore a variety of topics related to public toilet infrastructure.

The development of this Strategy is informed by the findings derived from the analysis and feedback obtained from both the community and internal stakeholders. This collaborative approach ensures that the Strategy is comprehensive, responsive, and aligned with the needs and expectations of both the Council and the community.

Figure 1: Methodology



## 1.2 Strategic Context

This section provides a comprehensive overview of existing local strategies and plans to ensure the strategic alignment of the Strategy with Council's overarching vision and planning directions. The implementation of works can be funded through internal budgets, grant applications, or contributions.

Figure 2 illustrates the positioning of the Strategy in relation to broader state and local strategic directions.

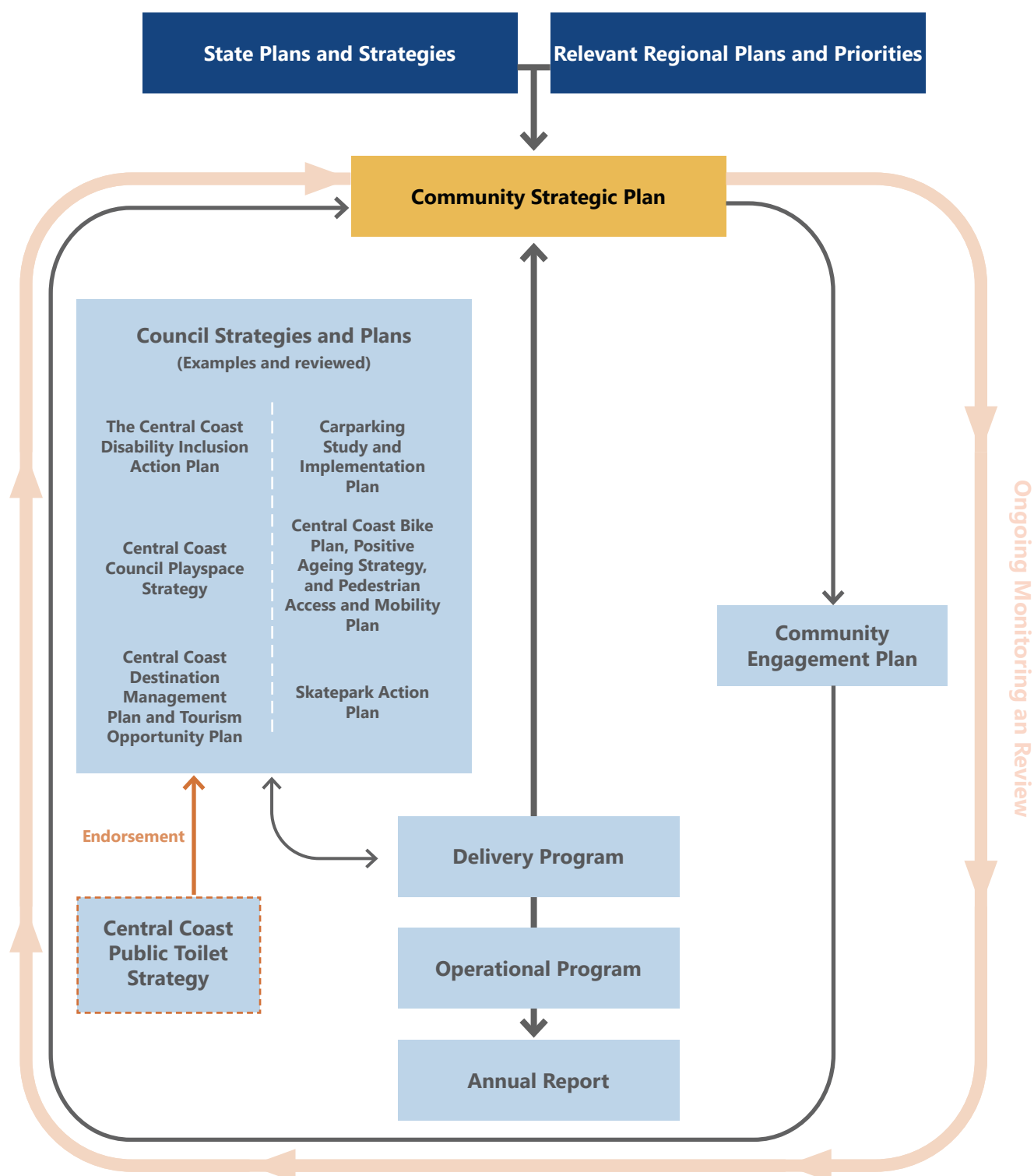
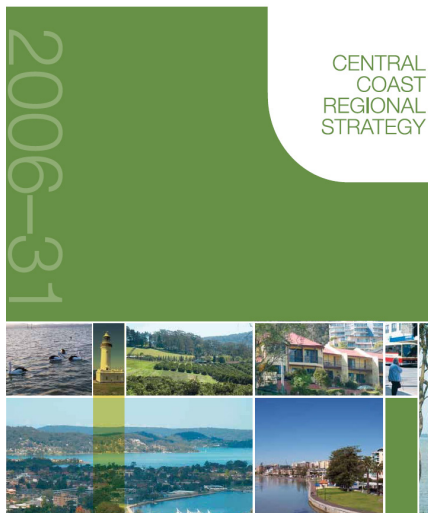


Figure 2: Strategic Context





## Central Coast Regional Strategy 2006-2031

The document identifies a general vision and framework for Council in their preparation of local development plans that focus on strengthening the liveability, vitality, and vibrancy of community centres, while guiding a sustainable strategic growth within the region. Gosford and Tuggerah-Wyong are identified as strategic urban centres to help achieve increased employment and economic activity. Specific strategies for the region which will inform the preparation of this Strategy, include:

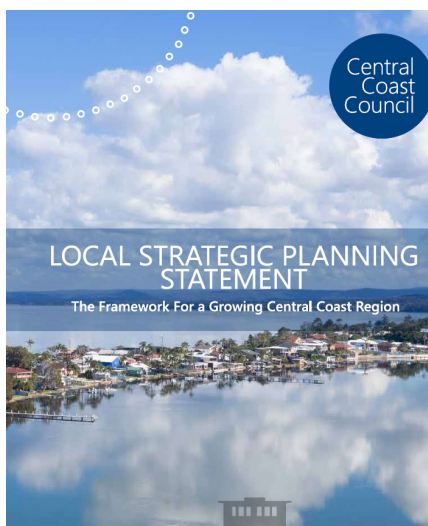
- A stronger sense of place that will improve the spatial attractiveness of public spaces and places in the region.
  - Improving spatial quality of public domains towards a more robust environment.
- Future housing supply should be in proximity to community services and facilities.
  - Enhancing transport links amongst centres and towns through enhanced accessible facilities.
- Future urban development across the region must consider hazards as a result of climate change.
  - Planning for social infrastructure that are safe, secure, accessible, and not vulnerable to natural and man-made hazards.



## Revised Community Strategic Plan 2018 – 2028

This plan sets out the long-term vision and aspiration of the community for a sustainable growth of the region. Key focus areas have been identified from the visioning workshop with the community, which include:

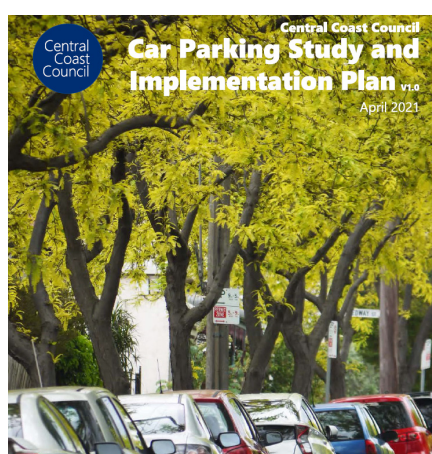
- A community with a strong sense of belongingness.
- A community that nurtures a liveable community through its reliable public transport and healthy lifestyles.
- A community that delivers balanced and sustainable development.
- A community that protects its natural beauty as part of maintaining a sustainable urban environment.
- A growing and competitive community that offers a place of opportunities.



## Central Coast Local Strategic Planning Statement

This planning document outlines the spatial vision and framework with the aim to inform the region's future sustainable growth. The Strategy will be informed by the following planning pillars:

- Revitalisation of urban forms is supported by vibrant community facilities that encourage improved urban lifestyle and activities.
- Urban lifestyle is enriched through higher quality and greater access to public places that ensure the improved health and well-being of the community.
- Public domain is supported by accessible public facilities and active urban centres where the community thrives.
- The quality of built environment is smart, green, and celebrates natural heritage of the community.



## Central Coast Bike Plan 2019-2029, Positive Ageing Strategy 2020-2025, and Pedestrian Access and Mobility Plan 2019-2029

Together with the Pedestrian Access and Mobility Plan (PAMP) and Positive Ageing Strategy Plan, these planning documents outline pathway policies, general design standards, and other desired improvements across the Central Coast. To ensure cycling across the region is comfortable, attractive, and consistent, the Strategy will be guided by its overarching vision:

*"..... People of all ages and abilities can cycle and walk on safe, inclusive, and connected facilities."*

Further, the Strategy will be informed by the following priorities and actions as outlined in the documents:

- A community with a strong sense of belonging.
- A community that nurtures a liveable community through its reliable public transport and healthy lifestyles.
- A community that delivers balanced and sustainable development.
- A community that protects its natural beauty as part of maintaining a sustainable urban environment.
- A growing and competitive community that offers a place of opportunities.

## Carparking Study and Implementation Plan

This study provides a solid framework to improve the management of parking and transport services across Central Coast. The identified potential parking demand and shortfalls will inform our spatial strategies, by providing practical guidance to achieving the priorities set by this study. The potential carparking demand and shortfall will be taken into account for the future planning of public toilets across the Central Coast.

Priority areas such as Gosford, Woy Woy, Tuggerah, Wyong, and Lisarow have an immediate to medium term need for more carparking which might need supporting facilities such as public toilets. The Strategy will take into account locations with high parking demand in the situational analysis.

## The Central Coast Disability Inclusion Action Plan 2021-2025

The Central Coast is envisioned to be an inclusive and accessible place for all important parts of community life. The Strategy will therefore be guided by the aspiration to have a liveable community that continues to improve pathways, accessible toilet design, accessible parking location and layout across the region.



## Central Coast Council Playspace Strategy 2020

The Council is committed to making more inclusive, accessible, and appropriately designed high quality play spaces. As public domains are regarded as a co-location of multiple community facilities including public toilets, this Playspace Strategy sets out key principles and strategic actions for existing and future public toilets.

### Principles:

The Strategy will take into account inclusive design in public toilets and ensure a well-connected site design with the rest of the supporting facilities. The following key principles will inform the public toilet strategic actions:

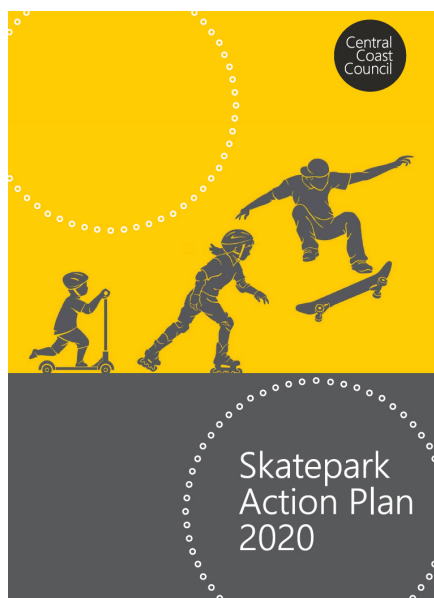
1. Equitable distribution
2. Co-location
3. Well-designed
4. Sustainable

### Playspace Hierarchy

- The hierarchy reflects State Guidelines for local, district and regional open space networks.
- Playspace facilities supporting infrastructure is defined within the playspace hierarchy. The hierarchy in relation to public toilets includes:
  - Public toilets are provided at Regional, District and Destination playspaces\*.

\* Public toilets at district-level playspaces are not supplied unless where existing or other demand factors influence (e.g. pathways, swimming areas, etc.). Similarly, the toilets at local-level are generally not provided as they are located within the walking catchment of intended users.

Existing Regional and District Play Spaces		New Proposed Play Spaces
Regional	District	
1. Umina Recreation Area Umina Beach 2. Bill Sohler Park - Ken Cook Way, Ourimbah 3. Saltwater Creek Reserve, Long Jetty 4. Memorial Park West, The Entrance 5. Canton Beach Foreshore Reserve (1) All Access, Canton Beach	1. Kariong Progress Hall Playground, Kariong 2. Ettalong Beach Waterfront Reserve Ettalong Beach 3. Elizabeth Ross Park, East Gosford 4. Broadwater Park, Kincumber 5. Illoura Reserve. Davistown 6. Ross Park, Avoca Beach 7. Empire Bay Tennis Court, Empire Bay 8. Terrigal Rotary Park, Terrigal 9. Wamberal Park, Wamberal 10. Susan Fahey Park, Copacabana 11. Alan Davidson Park, Wyoming 12. Willari Avenue Playground, Narara 13. Swadling Park, Toowoona Bay 14. Terilbah Reserve, The Entrance North 15. Kurraba Oval /Tennis Courts, Berkeley Vale 16. Wallarah Point Peace Park, Gorokan 17. Mannering Park Courts, Mannering Park 18. Edgewater Park, Buff Point 19. Mackenzie Reserve, Budgewoi 20. Woodland Parkway Reserve - Sonoma Rd, Budgewoi 21. John Pete Howard Reserve, San Remo 22. Mazlin Reserve, Norah Head	1. Jack Gear Reserve, Yarramalong 2. Deerubun, Mooney Mooney 3. Peppermint Park, Kariong 4. Leagues Club Field, Gosford* 5. Sun Valley Park, Green Point* 6. Forresters Beach Park, Forresters Beach 7. Hilltop Park - Hakone Rd, Woongarra 8. Virginia Road Park, Warnervale 9. Tuggerawong Road Reserve (Warner Ave), Tuggerawong 10. Ridgetop Park, Woongarra 11. Van Steppen Road, Wadalba 12. Colongra Sporting Facility, Colongra 13. Fairwater Drive, Gwandalan* 14. Tunkuwallin Oval, Gwandalan* 15. Lake Munmorah Playspace, Doyalson North 16. Koala Park, Colongra  * Playspace has been delivered (Note: Plans and proposals are subject to change by Council.)



## Skatepark Action Plan 2020

The Skatepark Action Plan identifies 26 skateparks owned or managed by Council and distributed across the LGA. It also sets the direction for future provision of skateparks over the next ten (10) years.

### Implication:

- Skateparks are an important part of active recreation and provide an opportunity for users to stay longer in the open space. As users stay longer this creates demand for public toilets.
- Often skateparks are co-located with other recreation facilities such as sports fields and playspaces.

### Skatepark hierarchy and public toilet relationship:

- Spot - small skatepark provided to increase overall recreational opportunity of an existing space such as a basketball court or existing urban square, or in areas previously considered too small for a skate facility.
- Local skatepark - within 15min travel time to access.
- Regional and District skateparks are large enough to cater to multiple users, hence creating demand for public toilets. The following are existing regional and district skateparks:

Skatepark hierarchy	Skatepark	Area
Regional	Umina Beach	Gosford West
Regional	Bato Yard'	The Entrance
Regional	Lake Munmorah	Budgewoi
District	San Remo Skatepark	Budgewoi
District	Wadalba	Wyong
District	Narara (Gosford)	Gosford West
District	Banjo's Skatepark (Terrigal)	Gosford East

### Recommendations for New Skateparks:

- Investigate the potential for developing a fourth regional skatepark facility to the west of the Pacific Highway including identifying potential sites.
- Development of a new district facility in Warnervale/Wadalba area at the future Hilltop Park development including a potential district-level pump track.
- Introduction of sport facilities in the Woy Woy/Empire Bay area, Tuggerah/Chittaway Bay area and other locations with limited access to larger facilities.





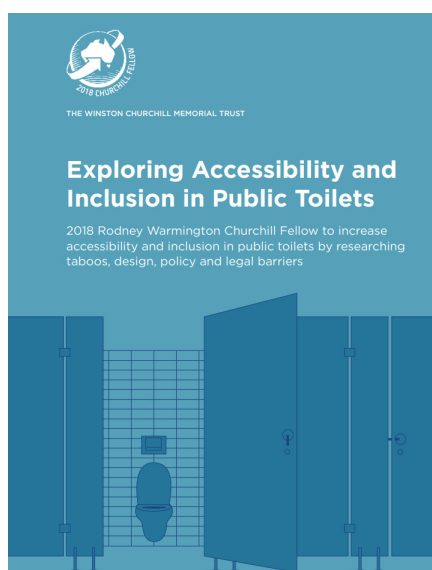
## Central Coast Destination Management Plan 2022-2025 and Tourism Opportunity Plan 2019-2024

These documents set out strategic priorities, findings, and directions relevant to the tourism potential and visitor economy of the Central Coast. Key economic destinations are given priority by providing complementary supporting facilities which include public toilets. These destinations include:

- Accommodation and food services.
- Retail trade.
- City centres.
- State infrastructure.



The Central Coast has a vibrant visitor economy which attracts both local and international visitors. The Strategy will be informed by these findings which require international standards consideration in site and building design.



## Exploring Accessibility and Inclusion in Public Toilets

This document discusses toilet needs with homeless people, those with a disability and those who require additional support. Recommendations from this report which are considered valuable to our Strategy include:

- Provision of single-gender toilets to ensure safety, prevent period shaming and bullying. It addresses the diversity of needs to be addressed on the provision of public toilets.
- Explore community dialogue mechanisms to support conversations around public toilets and the user experience.
- Develop a legislative requirement for the provision of public toilets across an LGA which shall include an audit of the existing provision of public toilets, and community engagement to determine local needs.
- Public toilet strategies shall ensure robust design against local environmental elements such as weather, climate change, and natural disasters.
- Toilet design, operation, and maintenance should be responsive to the location, local conditions and operational structure.
- Explore opportunities to formalise public access to toilets provided by businesses and industry.

Public toilet design principles include:

- Safety and privacy.
- Accessibility.
- Inclusion.
- Location and availability.
- Attractiveness.
- Ease of maintenance and hygiene.
- Sustainable.

### 1.3 Benchmark Case Studies

To provide a strategic framework for the management and provision of public toilets within the LGA, a number of public toilet strategies by other Local Governments across Australia have been reviewed.

The following case studies as listed and imaged below, Figures 3-8, have been reviewed and summarised into the key benchmarking criteria as follows:

- Location:
  - Parks and reserves.
  - Council owned facilities.
- Provision catchment:
  - 400m - 600m (~10 minutes walk) in general.
  - 250m from a playground.
- Demand Factors:
  - Location.
  - Recreational activity.
  - Playground.
  - Active transport.
  - Population changes.

- Design Principles:
  - Context.
  - Building design.
  - Safety.
  - Accessibility.
  - Sustainability.

The detailed case studies are provided on the following pages. These key benchmark findings have been incorporated into this Strategy.



Figure 3: North Sydney Council, 2016



Figure 4: City of Sydney Council, 2014



Figure 5: Inner West Council, 2022



Figure 6: City of Monash Council, 2021

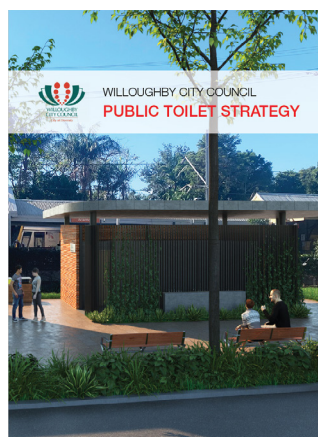


Figure 7: City of Willoughby Council, 2023



Figure 8: City of Lake Macquarie Council, 2021



The following case studies have been selected and summarised into the key benchmarking criteria of provision catchment, demand factors, and design principles.

#### Case Study 1:

##### North Sydney, NSW Public Amenities Strategy + Action Plan 2016

(Not yet adopted by City Council)

North Sydney Council prepared a Public Amenities Strategy in 2016. North Sydney Council owned and managed over 35 public amenity facilities in its LGA. The key benchmarking criteria is as follows:

- Location:
  - Parks and reserves, sporting fields, recreational and community facilities, civic centres, and carparks.
- Provision Catchment:
  - 400m (5-10 minutes walk) of major transport nodes, sporting, recreational, community and retail facilities, tourist attractions, entertainment precincts, public event spaces and major gathering places.

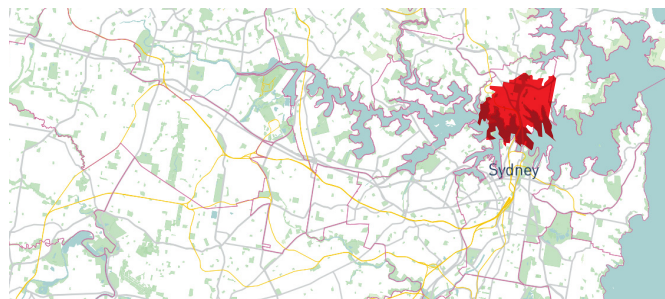


Figure 9: North Sydney LGA

- Demand Factors:
  - Location/siting of toilets in key destinations including transport nodes, retail areas and public areas.
  - Availability and quality of amenities.
- Design Principles:
  - Location, building design, universal accessibility, Ecologically Sustainable Design (ESD), Crime Prevention through Environmental Design (CPTED), signage, life cycle management, maintenance and cleaning.

#### Case Study 2:

##### City of Sydney, NSW Public Toilet Strategy 2014

City of Sydney adopted the Public Toilet Strategy in 2014. The City of Sydney is responsible for 54 of 117 public toilets serviced within its LGA. The key benchmarking criteria is as follows:

- Location:
  - Public parks and open spaces, street and foot ways, libraries, shopping centres, train stations.
- Provision Catchment:
  - 400m (5-10 minutes walk) of any point within central Sydney and at all village centres and major neighbourhood parks.
- Demand Factors:
  - Recreational demand.
  - Active transport.
  - Meeting demand (24-hour facilities).
  - The portable units.
  - Public urination is part of a broader anti-social behaviour problem occurring in parts of the CBD and entertainment precincts at night.

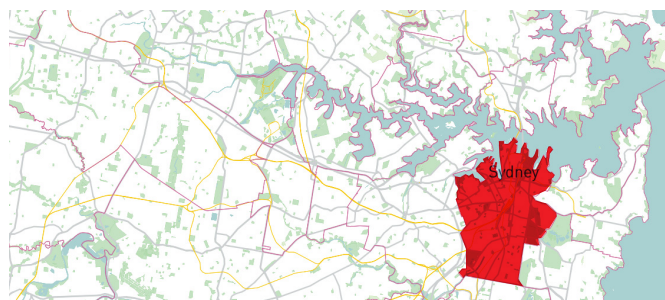


Figure 10: City of Sydney LGA

- Distance to travel.
- Community satisfaction.
- Strategic Priorities:
  - CPTED.
  - ESD.
  - Resource use minimisation guidelines.
  - Materials, fixtures and fittings.

### Case Study 3:

#### Inner West, NSW Public Toilet Strategy 2022

Inner West Council adopted the Public Toilet Strategy in 2022. 62 public amenities were audited in their strategy. The key benchmarking criteria is as follows:

- Location:
  - Public parks open spaces, and carparks.
- Provision Catchment:
  - 400m (5-10 minutes walk) to open space, high use locations including town centres and parks.
- Demand Factors:
  - Population change.
  - Regulations.
  - Seasonal factors.
  - Consumer preferences and expectations.
  - Environmental awareness.

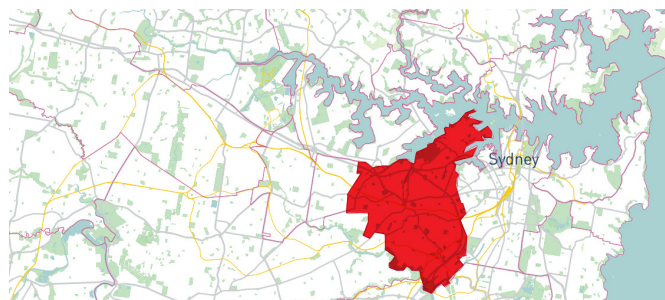


Figure 11: Inner West Council LGA, NSW

- Design Guidelines:
  - The site and context.
  - The building.
  - Inclusion.
  - Sustainability.
  - The materials.
  - Public place making.
  - Maintenance and management.

### Case Study 4:

#### City of Monash, VIC Public Toilet Strategy 2021

City of Monash adopted the Public Toilet Strategy in 2021. There are only 26 public amenities open to the public among 129 council owned amenities. The key benchmarking criteria is as follows:

- Location:
  - Public parks and reserves, and a council owned public toilet hosted in a building (e.g. library).
- Provision Catchment:
  - 250m from a playground.
  - 400m (5-10 minutes walk) in general.
- Demand Factors:
  - Playground.
  - Sport ground.
  - Open space.
  - Activity centre.
  - Proximity to active transport networks.
  - Proximity to bus route.

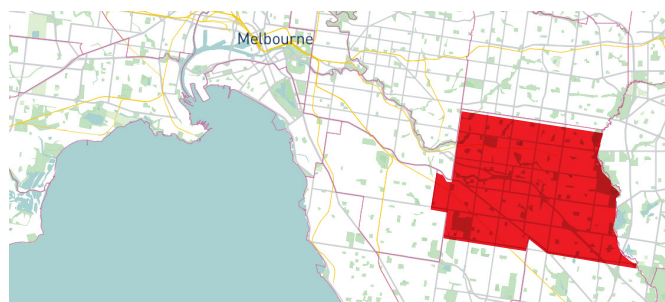


Figure 12: City of Monash LGA, VIC

- Design Principles:
  - Provision of new standalone public toilets.
  - Provision of new public toilets within new pavilion.
  - Opening up existing facilities to public.
  - Existing facilities require potential refurbishment to enable public access.



### Case Study 5:

#### Willoughby, NSW Public Toilet Strategy 2023

(Not yet adopted by City Council)

Willoughby Council prepared the Public Toilet Strategy in 2023. There are 28 existing public toilets across the Willoughby LGA owned and managed by Willoughby Council. The key benchmarking criteria is as follows:

- Location:
  - Public parks and reserves.
  - Carparks.
  - Leisure centres.
- Provision Catchment:
  - 400m (5-10 minutes walk) to open space, high use locations including town centres and parks.
- Demand Factors:
  - Functions and Facilities.
  - Level of Uses.
  - Seasonal factors.
  - Consumer preferences and expectations.

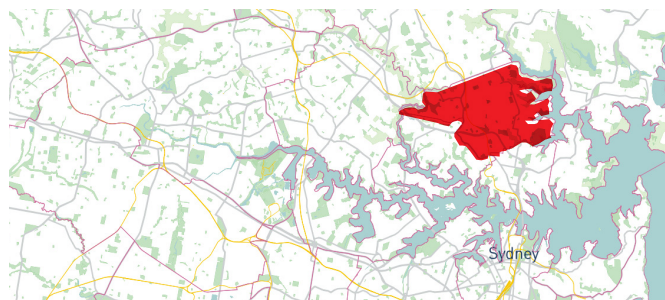


Figure 13: Willoughby LGA, NSW

- Design Principles:
  - Siting and Place-making.
  - Multi-functional.
  - Accessible and Inclusive.
  - Reliable and Sustainable.
  - Technology.

### Case Study 6:

#### Lake Macquarie, NSW Public Toilet Strategy 2021

Lake Macquarie City Council adopted the Public Toilet Strategy in 2021. There are 107 public amenities open to general public across the Lake Macquarie LGA. The key benchmarking criteria is as follows:

- Location:
  - Public parks, boat ramps, and sports fields.
- Provision Catchment:
  - 600m (10-minute walk) in general.
- Demand Factors:
  - Population growth.
  - Local community change.
  - Aging public amenities.
  - Sport grounds.
  - Open space.
  - Activity centre.
  - Proximity to active transport networks.
  - Improvements to existing and proposed public parks.

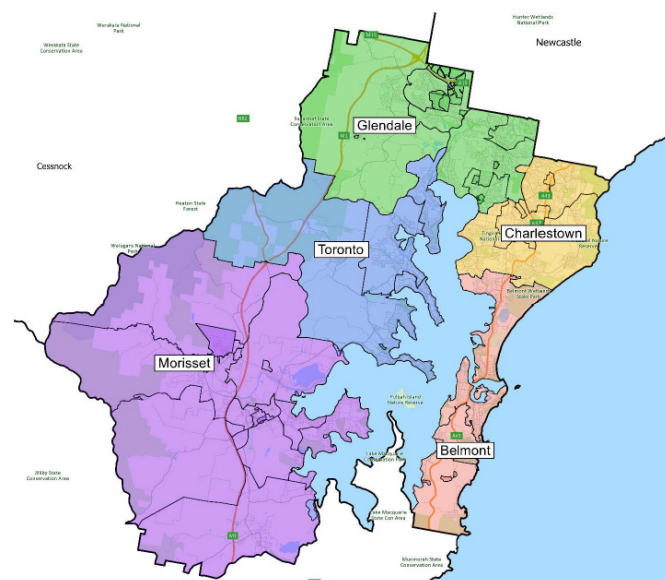


Figure 14: Lake Macquarie LGA, NSW

- Design Principles:
  - Provision of cleaner, safer, and more modern amenities with improved maintenance.
  - Provision of well-located new public toilets where they are needed to support community use.
  - Provision of new public toilets within new pavilions.

## 1.4 Pre-design Phase Feedback and Community Consultation

This section presents an overview of feedback from the focus group discussions with key stakeholders organised by the Council in December 2023. The aim of the discussions were to understand community and users needs, inform key community and user groups, maintain the confidence of the community, and ultimately to seek input on demand and management options of public toilets.

Key stakeholders that participated:

- The tourism industry.
- Community groups and progress associations.
- Outreach services such as homeless support, community care and neighbourhood centres.
- NSW Health.
- Sporting groups.
- Accessibility advocates and Disability Inclusion Action Plan reference group members.

The focus group discussions for this Strategy worked through three topics:

- Location and planning.
- Design parameters.
- Maintenance and availability.

### Key Themes Emerged from the Focus Group Discussions (FGD)

The following themes summarise the views regarding public toilets.

<b>Cleaner, modern, and safer</b>
<ul style="list-style-type: none"><li>• The community values public toilets which are cleaner, modern, inclusive and safer with improved maintenance.</li></ul>
<b>Performance-based matrix</b>
<ul style="list-style-type: none"><li>• The community recommends a performance-based matrix which includes usage data, hierarchy of assets, number of public facilities, economic stimulation, and catchment analysis.</li></ul>
<b>Inclusive for vulnerable communities and groups</b>
<ul style="list-style-type: none"><li>• The community values location of public toilets where vulnerable communities and user groups are located.</li></ul>
<b>Partnership</b>
<ul style="list-style-type: none"><li>• The community recommends partnerships with outreach services and other potential providers.</li></ul>



## 1.5 Strategic Analysis

The following section, Section 2, presents a detailed analysis of existing public toilets within the LGA. The analysis examines and explores the following provisions:

- Public toilet and shared toilet networks.
- Transit oriented public toilets.
- 24/7 public toilets.
- Sports amenity buildings.
- Public dump points.
- Public toilet (Council-owned) network.
- Public toilet (DDA accessible) network.
- Public toilets in tourist areas.

Based on this analysis and the specified existing assets inspected, opportunities for new public toilets and redundant toilets are identified in Section 2.1 and 3.1.

### Assessment Criteria:

There are four Criteria used to identify preliminary gaps and opportunities for public toilets on the Central Coast:

#### 1. Public Toilet Catchment (radius) Area

The CM<sup>+</sup> team gathered benchmark case studies to compare and determine the appropriate public toilet catchment radius. It revealed that the average catchment radius taken by these benchmark case studies is a 400m to 800m radius. It is noted that the site setting of the case studies are at city and suburban scale. Hence, for the purposes of this study, CM<sup>+</sup> used the average of a 600m radius to appropriate the catchment, in the suburban context. A 600m radius equated to an estimated average of 10 minutes walking distance.

For specific facilities such as transit-oriented toilets, a driving distance of 30km (i.e. 18min drive @100km/hr) is used.

For children's playgrounds, new public toilets in the future should be implemented within 250m or closer.

#### 2. Public Toilet to Population Ratio

From research and comparison of other Councils' strategies, for a suburban and regional area a benchmark indicator of approximate 0.55-0.6/1000\* (\*number of public toilet sites per 1000 people) is found. For an area considered as a major urban area or CBD, a benchmark indicator of >0.7/1000 is recommended.

For the Central Coast LGA, it is recommended to achieve the benchmark indicator of 0.55-0.60/1000 public toilet ratio range due to the large regional area.

The population information used for this Strategy is

based on the ABS Estimated Resident Population 2022. The 2022 population of the Central Coast was 349,710. The population forecast of the Central Coast by 2034 is set to grow at 14.4% with 1.2% annually. Hence, the approximate population forecast for 2034 is 400,068. CM<sup>+</sup> used this approximate forecast to benchmark the public toilet to the population ratio.

To achieve the 0.55-0.60/1000 ratio range, there are 27 new public toilet sites proposed, 11 existing sites to be demolished and 60 existing sports pavilions are proposed to have public toilets added, or provisioned to gain a total of 228 public toilet sites available in the Central Coast LGA.

### 3. Demand Factors Assessment

Outlined in Section 5, The Demand Factors Assessment tool is used for further assessment of the gaps identified in Criteria 1 and 2. This analysis allows for detailed assessment to verify the need of public toilets in an identified gap catchment area.

- The assessment measures involve review of:
  - Open Space hierarchy.
  - Functions and Facilities which facilitates occupants dwell time over 30 to 60+ minutes.
  - Levels of Use, which is the frequency of the public facility being used.
  - Transit Path Type, which identifies various transit pathway users at the public facility.
  - Area Specialty, which identifies other specific factors unique to the area, such as a tourism area, Council's priority sites or the like.
  - Condition, which is applicable for an existing public toilet to denote the state of the building condition.

The Demand Factors use a weighted points system to generate a priority list for the Implementation Plan covered in Section 5.

#### 4. Access

The hours when the toilets are freely accessible to the public is an important criteria. When considering the public toilet ratio, sporting amenities that currently do not have an active public toilet available are not considered in the calculation as these facilities are only open during sporting events.

To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to Master Locksmiths Access Key (MLAK) access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.



2



## 2 Network Overview

### 2.1 Overview of Existing Public Toilet Network

This section presents how existing and new public toilets are spatially distributed across the Council areas.

Table 1 shows a snapshot of the existing public toilets across all five areas. It also shows how the Strategy helps to fill in the information gaps by showing an indicative future population ratio in 2034 in the grand total of existing and new public toilets.

Table 1 suggests that the existing public toilets in the Central Coast are slightly lower than the recommended threshold of the public toilet provisions. It is the aim of this Strategy to look into the overall public toilet supply (existing and shared with other facilities that allow public access to public toilets) to determine the sufficiency of the provision across the LGA. While none of the areas meet the threshold of the recommended ratio of public toilet to population, Budgewoi, The Entrance, and Gosford West seem to provide sufficient access to public toilets with their ratio slightly below the threshold. It further shows that while the benchmark indicator identified for the Wyong area is significantly lower than the threshold, further studies may be required to ascertain whether the actual demand outstrips the supply.

The subsequent pages discuss existing public toilets and other publicly accessible toilets at other amenities and facilities. Section 2.2 illustrates existing public toilets across the LGA including shared toilet facilities and other amenities which may be publicly accessible such as transit-oriented facilities, 24/7 public toilets, sports pavilion amenities and public dump points. Section 2.3 - 2.7 provides greater insight to the public toilet network per Council areas, illustrating the existing, shared and accessible public toilets. These sections including a summary of implementation for existing public toilets.

Following the existing public toilets studies, Section 3.1 explores the found gaps and opportunities for new public toilet potential sites.

Table 1 (adjoining) lists a summary of existing public toilets, existing sports amenity facilities and potential new public toilet sites proposed in this Strategy, and also indicates the potential achievement of the benchmark public toilet to population ratio.

Notes:

\* The 2022 population is based on the ABS website. The 2034 population forecast is high level approximate only, using the annual growth rate from the ABS website.

\*\* The land area is lifted from Central Coast Council website: <https://profile.id.com.au/central-coast-nsw/>

Budgewoi Area	
Population in 2022*	69,367
Total existing public toilets	38
Benchmark Indicator for existing public toilets (Public toilet blocks per 1000 people)	0.55
Land area in hectares (ha)**	10,280 ha
The Entrance Area	
Population in 2022*	66,357
Total existing public toilets	37
Benchmark indicator for existing public toilets (Public toilet blocks per 1000 people)	0.56
Land area in hectares (ha)**	7,283 ha
Gosford East Area	
Population in 2022*	67,639
Total existing public toilets	28
Benchmark indicator for existing public toilets (Public toilet blocks per 1000 people)	0.41
Land area in hectares (ha)**	10,440 ha
Gosford West Area	
Population in 2022*	69,702
Total existing public toilets	37
Benchmark indicator for existing public toilets (Public toilet blocks per 1000 people)	0.53
Land area in hectares (ha)**	79,150 ha
Wyong Area	
Population in 2022*	76,105
Total existing public toilets	12
Benchmark indicator for existing public toilets (Public toilet blocks per 1000 people)	0.16
Land area in hectares (ha)**	60,880 ha
Total Population of Central Coast in 2022*	349,170
Total existing public toilets	152 <sup>^</sup>
Public toilet sites <sup>^</sup> to 2022 population ratio (public toilet facility site per 1000 people)	0.43
Public toilet sites <sup>^</sup> to 2034 population ratio (public toilet facility site per 1000 people)	0.38
Total forecast population of Central Coast in 2034*	400,068
Total existing public toilets	152
Total redundant existing to be demolished	11
Total new public toilets (Refer to 3.1: Gap and Opportunities for New Public Toilets)	27
Total existing sports amenity buildings	60
Grand total existing, to be demolish and new toilets (excluding sports pavilion amenity)	168 <sup>^^</sup>
Public toilet sites <sup>^^</sup> to forecasted 2034 population ratio (public toilet facility site per 1000 people)	0.42
Grand total existing, to be demolish, new toilets, and sports pavilion opened public toilets.	228 <sup>^^^</sup>
Public toilet sites <sup>^^^</sup> to 2022 population ratio (public toilet facility site per 1000 people)	0.65 (0.55-0.60 range)
Public toilet sites <sup>^^^</sup> to forecasted 2034 population ratio (public toilet facility site per 1000 people)	0.57 (0.55-0.60 range)

Table 1: Summary of existing and new public toilets to population ratio



## 2.2 Public Toilets across the Central Coast

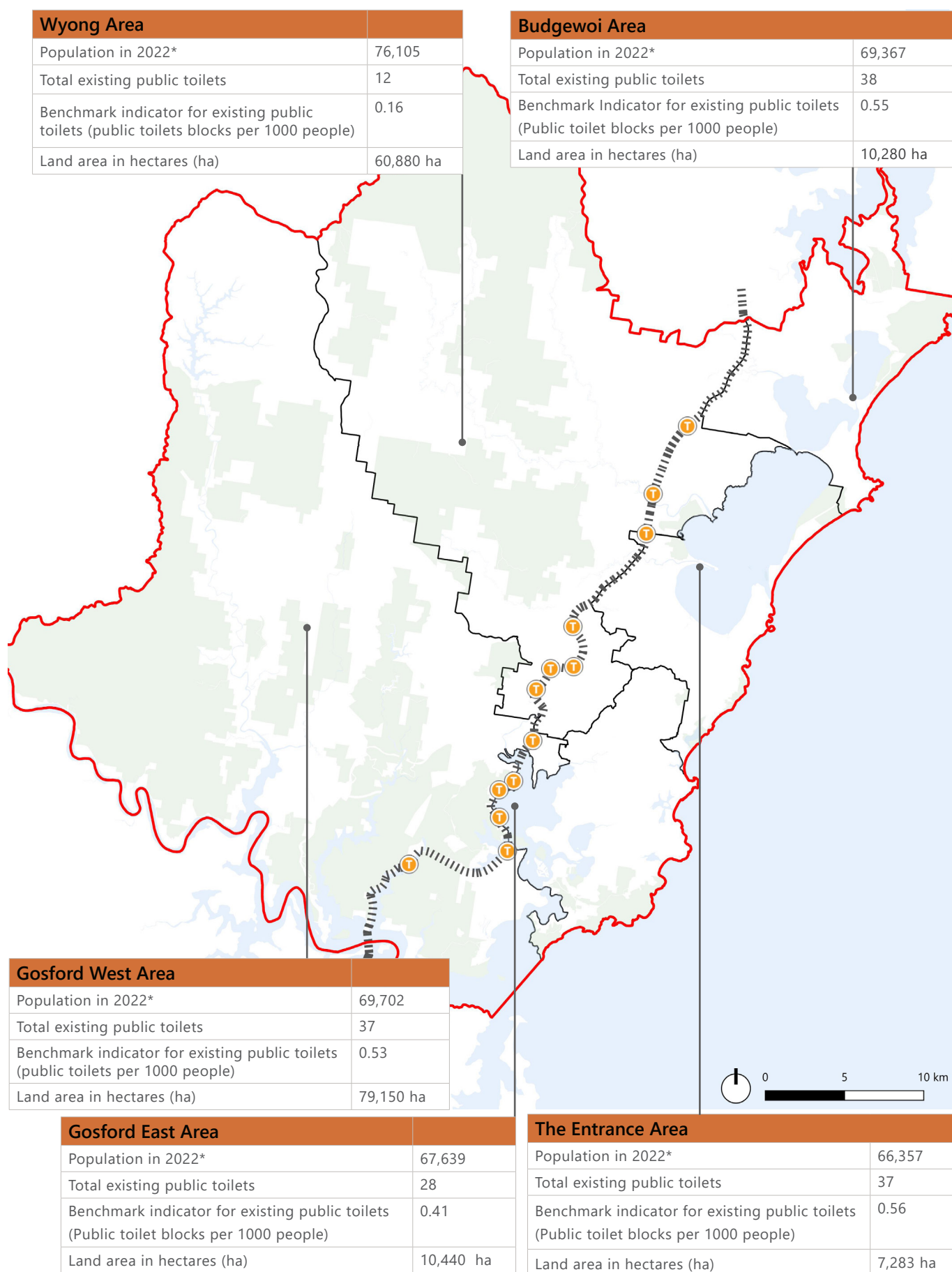


Figure 15: Map showing overview of the Existing public toilets in the LGA

## 2.2.1 Public Toilet and Shared Toilet Networks

For shared facilities, the following toilets are included:

- Toilets in Railway Stations.
- Transit oriented toilets (along highways and wharves).
- Toilets in shopping centres.
- Toilets in National Parks/Campgrounds
- Toilets in Libraries.
- Toilets in Tennis Clubs.
- Toilets in Council Multi-Storey Carparks.

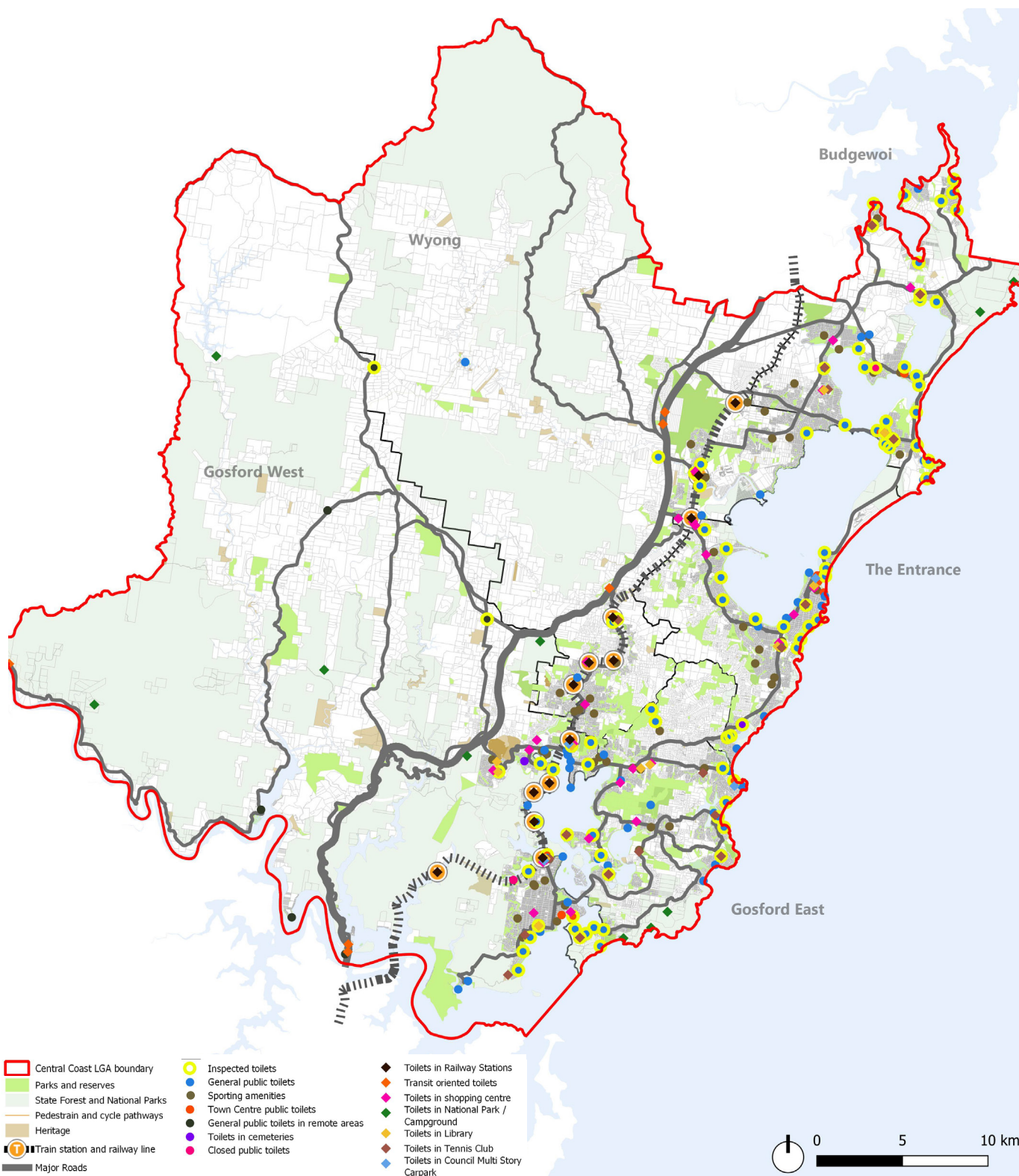


Figure 16: Map showing overview of Existing public toilets (Council-Owned) network with Shared Toilets overlay in LGA

## 2.2.2 Transit Oriented Toilets

Overview analysis:

- In addition to the shared toilets, the Strategy has also considered other public toilet amenities which include transit-oriented toilets to further our understanding on the supply gap for those who are transitting across the LGA.
- There are 6 existing transit-oriented toilets and 13 existing public toilets in railway stations across the LGA, which are managed by the Council. Figure 17 reveals that the existing transit-oriented toilets spread along the motorway suggest to be sufficient in terms of its coverage.

EXISTING TRANSIT-ORIENTED PUBLIC TOILETS	
NO	Name
T01	Wyong Service Centre South Bound
T02	Wyong Service Centre North Bound
T03	Ourimbah Rest Area
T04	Hawkesbury Road Area South Bound
T05	Hawkesbury Road Area North Bound
T06	Wisemans Ferry Crossing

Table 2: Existing transit-oriented toilets (6) in the LGA

EXISTING PUBLIC TOILETS AT RAILWAY STATIONS	
NO.	Name
R01	Warnervale Train Station
R02	Wyong Train Station
R03	Tuggerah Train Station
R04	Ourimbah Train Station
R05	Lisarow Train Station
R06	Niagara Park
R07	Narara
R08	Gosford
R09	Point Clare Train Station
R10	Tascott Train Station
R11	Koolewong Train Station
R12	Woy Woy Train Station
R13	Wondabyne Train Station

Table 3: Existing public toilets at railway stations (13) in the LGA





#### TRANSIT ORIENTED TOILETS

- ▬ LGA boundary
- ▬ Council area boundary
- ▬ Motorway
- ▬ Arterial Road
- ▬ Sub-arteria Road
- ▬ Primary Road
- ▬ Train station and railway line

- ◆ Toilets at Railway Stations
- Transit oriented toilets (at Highways and Ferry)
- ▬ 10 minute driving catchment @100kmp (15km buffer)

- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries

- ▬ Parks and Reserves
- ▬ State Forest and National Parks

Figure 17: Existing Transit-Oriented Toilets in the LGA

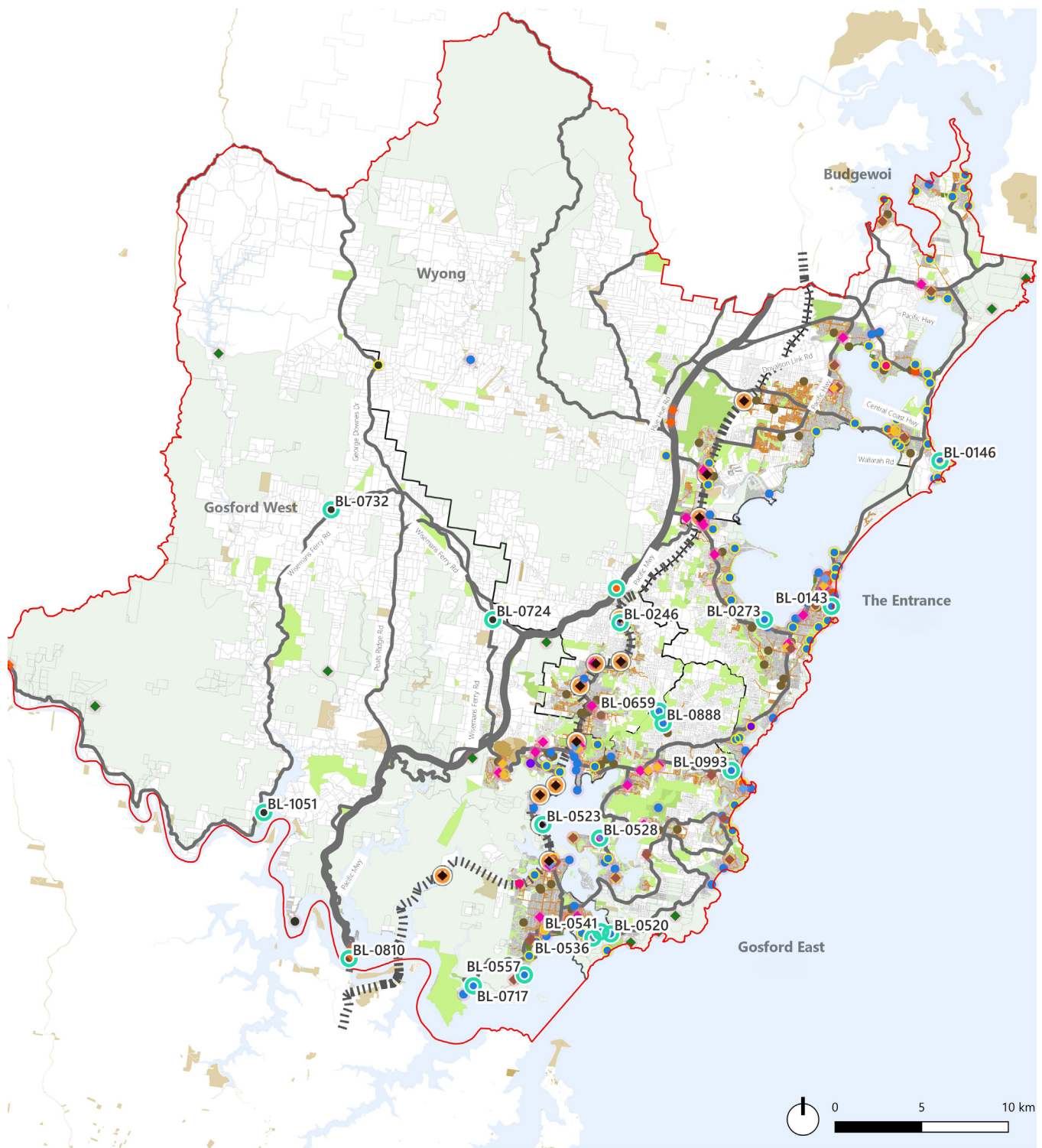
## 2.2.3 24/7 Public Toilets

Overview analysis:

- In this Section, the Strategy looks at the key public toilets which are open or can potentially be opened 24/7 and be accessible for the public, in particular vulnerable groups who may be homeless nearby the sites. Figure 18 indicates these public toilet sites are generally located around highways and major destinations such as tourist and town centre areas.
- Figure 18 shows that there are 18 public toilets within the LGA that are identified as 24/7 public toilets.
  - 18 of these are existing public toilets owned and/or managed by the Council as listed in Table 44 below and shown in Figure 18.
  - One is a Transit Oriented Public Toilet (at Ourimbah Rest Area) on the Pacific Highway owned and managed by Transport for NSW.
- These locations of 24/7 public toilets have opportunities to cater for the vulnerable/homeless groups. These sites will have additional priority points in the Priority Matrix for internal implementation analysis.
- The objective of these 24/7 public toilets is to allow for 24/7 public access with minimal supervision, however operational and safety constraints are to be continually assessed. Council, at their discretion, may alter the access to the 24/7 public toilets when it is deemed unsafe or unfit for intended application. Council is to first establish the operational management plan for 24/7 public toilets, prior to implementation of 24/7 public toilets.
- Council and Outreach Centres/Organisations such as Orange Sky Australia or the like, may consider to co-operate the 24/7 public toilets to support the limited operational and management resource. For example, subject to a commitment by both parties, day time operation of the public toilets are managed by Council and after hours access to the 24/7 public toilets could be provided to the Outreach Centres/Organisation by the use of electronic swipe/key. The Outreach Organisation is to report any operational/maintenance issues back to Council.

EXISTING 24/7 PUBLIC TOILETS					
Building ID	Inspected	Name	Suburb	Typology	Level of Use
BL-0143	N/A	Blue Bay Public Toilet	Blue Bay	General public toilets	
BL-0146	Yes - EB30	Bush Street Reserve Public Toilet	Norah Head	General public toilets	Medium
BL-0246	Yes - EW07	Glenn Rd Public Toilet	Ourimbah	General public toilets	Medium
BL-0273	Yes - EE05	Lucinda Avenue Public Toilet	Killarney Vale	General public toilets	Low
BL-0520	Yes - EGE07	Killcare Wharf Public Toilet - Opposite Killcare Rd	Killcare	General public toilets	
BL-0523	Yes- EGW08	Couche Park Public Toilet	Koolewong	General public toilets	Low
BL-0528	Yes- EGE03	Jirramba Park Public Toilet	Saratoga	General public toilets	Low
BL-0536	Yes - EGE09	Pretty Beach Public Toilet	Pretty Beach	General public toilets	Low
BL-0541	Yes - EGE08	Hardys Bay Public Toilet - Opposite 170 Araluen Dr	Killcare	General public toilets	
BL-0557	Yes - EGE02	Pearl Parade Public Toilet	Pearl Beach	General public toilets	High
BL-0659	Yes - EGE01	Mount Elliot (St Johns Lookout) Public Toilet	Holgate	General public toilets	Low
BL-0717	N/A	Eve Williams Oval Public Toilet	Patonga	General public toilets	
BL-0724	Yes -EGW01	Somersby Public Toilet	Somersby	General public toilets in remote areas	Low
BL-0732	N/A	Waratah Road Public Toilet	Mangrove Mountain	General public toilets in remote areas	
BL-0810	N/A	Deerubbun Reserve Public Toilet	Mooney Mooney	General public toilets in remote areas	
BL-0888	Yes - EGE02	Katandra Reserve Public Toilet	Holgate	General public toilets	
BL-0993	Yes -EGE18	Terrigal Pump Station Public Toilet (Adjacent Fire Station)	Terrigal	General public toilets	High
BL-1051	N/A	Spencer Waterfront Public Toilet	Spencer	General public toilets in remote areas	

Table 4: Public Toilets open 24/7 in the LGA



#### 24/7 AMENITIES MAP

- |  |   |  |
|--|---|--|
| <span style="border: 2px solid red; padding: 2px;"> </span> Central Coast LGA boundary | <span style="color: brown;">◆</span> Toilets in Railway Stations  | <span style="background-color: #d9ead3; border: 1px solid black; padding: 2px;"> </span> State Forest and National Parks |
| <span style="border: 2px solid black; padding: 2px;"> </span> Council area boundary    | <span style="color: orange;">◆</span> Transit oriented toilets  | <span style="background-color: #f4cccc; border: 1px solid black; padding: 2px;"> </span> Pedestrian and cycle pathways   |
| <span style="color: cyan;">●</span> 24X7 Open Public Toilets                           | <span style="color: magenta;">◆</span> Toilets in shopping centre   | <span style="background-color: #fce4d6; border: 1px solid black; padding: 2px;"> </span> Heritage                        |
| <span style="color: yellow;">●</span> Inspected toilets                                | <span style="color: green;">◆</span> Toilets in National Park / Campground  | <span style="color: brown;">■</span> Train station and railway line  |
| <span style="color: blue;">●</span> General public toilets                             | <span style="color: orange;">◆</span> Toilets in Library  | <span style="background-color: #cccccc; border: 1px solid black; padding: 2px;"> </span> Major Roads                     |
| <span style="color: brown;">●</span> Sporting amenities                                | <span style="color: brown;">◆</span> Toilets in Tennis Club   |  |
| <span style="color: orange;">●</span> Town Centre public toilets                       | <span style="color: blue;">◆</span> Toilets in Council Multi Story Carpark  |  |
| <span style="color: black;">●</span> General public toilets in remote areas            |   |  |
| <span style="color: purple;">●</span> Toilets in cemeteries                            | <span style="background-color: #d9ead3; border: 1px solid black; padding: 2px;"> </span> Parks and reserves               |  |
| <span style="color: pink;">●</span> Closed public toilets                              | <span style="background-color: #4f7942; border: 1px solid black; padding: 2px;"> </span> Regional and District Open Space |  |

Figure 18: Existing public toilets open 24/7 in the LGA



## 2.2.4 Sports Amenity Buildings

Overview analysis:

- This analysis shows existing Council's sports amenity buildings across the five identified areas. This is another overlay identifying gaps and opportunities in the public toilet network.
- Figure 19 indicates that there are 60 existing sports amenity buildings across the LGA at the time of this report, the majority of which are in the Gosford West and Wyong areas.
- Making all existing sports amenity buildings available for public use would help achieve the benchmark ratio range for the Strategy, refer to Section 3.1 for the brief analysis.
- This Strategy recommends Council transition to the availability of public toilets in all of the sports amenity buildings in order to help achieve the benchmark ratio. This can be achieved through a range of approaches including minor amendments to existing buildings, constructing additions to an existing building or at the time of asset renewal.

### BUDGEWOI AREA EXISTING SPORTING AMENITIES

Building ID	Name	Suburb	Typology
BL-0145	Buff Point Oval Amenities	Buff Point	Sporting amenities
BL-0161	Darren Kennedy Oval Amenities Building	Noraville	Sporting amenities
BL-0204	Blue Haven Oval Amenities Building	Blue Haven	Sporting amenities
BL-0233	Northlakes Oval Amenities	San Remo	Sporting amenities
BL-0237	Halekulani Oval Amenities	Budgewoi	Sporting amenities
BL-0242	Mannering Park Sports ground - Amenities	Mannering Park	Sporting amenities
BL-0243	Harry Moore Oval - Amenities	Toukley	Sporting amenities
BL-0337	Woongarrah Sports Complex Amenities Building	Woongarrah	Sporting amenities
BL-0374	Tunkuwallin Park Changeroom And Canteen	Gwandalan	Sporting amenities
BL-0866	Koala Park Amenities	San Remo	Sporting amenities

### THE ENTRANCE AREA SPORTING AMENITIES

Building ID	Name	Suburb	Typology
BL-0131	Bateau Bay Oval AFL/Softball Amenities	Bateau Bay	Sporting amenities
BL-0154	Chittaway Oval Amenities	Chittaway Bay	Sporting amenities
BL-0163	Eastern Road Oval - Amenities	Killarney Vale	Sporting amenities
BL-0166	EDSACC - Amenities (North)	Bateau Bay	Sporting amenities
BL-0195	Jubilee Park Amenities	Long Jetty	Sporting amenities
BL-0251	Sir Joseph Banks Oval Amenities	Bateau Bay	Sporting amenities
BL-0257	Killarney Athletics Track Amenities	Killarney Vale	Sporting amenities
BL-0265	Taylor Park Amenities	The Entrance	Sporting amenities
BL-0290	Pat Morley Oval Amenities	Bateau Bay	Sporting amenities
BL-1004	EDSACC - Amenities Building (South)	Bateau Bay	Sporting amenities

### GOSFORD EAST AREA SPORTING AMENITIES

Building ID	Name	Suburb	Typology
BL-0526	Frost Reserve Amenities Building	Kincumber	Sporting amenities
BL-0551	Erina Oval Amenities	Erina	Sporting amenities
BL-0578	Duffys Oval Soccer Amenities/Clubhouse	Terrigal	Sporting amenities
BL-0606	Terrigal Rugby League Clubhouse (Duffy's Rd)	Terrigal	Sporting amenities
BL-0663	Patrick Croke Oval Amenities	Kincumber	Sporting amenities
BL-0689	Mackillop Oval Amenities Building (Partial Lease by the Colts)	Kincumber South	Sporting amenities
BL-0693	Paul Oval Amenities Building	Holgate	Sporting amenities
BL-1002	Erina High School Amenities Building	Erina	Sporting amenities

GOSFORD WEST AREA SPORTING AMENITIES			
Building ID	Name	Suburb	Typology
BL-0308	Sohier Park Grandstand and Amenities	Ourimbah	Sporting amenities
BL-0525	Hylton Moore Oval Amenities Building (New Baseball)	East Gosford	Sporting amenities
BL-0543	Hylton Moore Oval Amenities Building - Baseball Park	East Gosford	Sporting amenities
BL-0548	Fagans Park Point Clare Public Toilet	Point Clare	Sporting amenities
BL-0565	McEvoy Oval Amenities	Umina Beach	Sporting amenities
BL-0604	Rogers Park Amenities	Woy Woy	Sporting amenities
BL-0684	Adcock Park - Cycling/Athletics Amenities	West Gosford	Sporting amenities
BL-0688	James Browne Oval Amenities/Soccer Clubhouse	Woy Woy	Sporting amenities
BL-0697	Ettalong Oval Amenities	Ettalong Beach	Sporting amenities
BL-0764	Kariong Community Youth and Sports Amenities Centre 'The Hill'	Kariong	Sporting amenities
BL-0792	Hylton Moore Oval Amenities Near Wattle St	East Gosford	Sporting amenities
BL-0799	Woy Woy Oval Grandstand	Woy Woy	Sporting amenities
BL-0815	Adcock Park - AFL/Cricket Amenities (Storeroom Use Only 2021)	West Gosford	Sporting amenities
BL-0821	Amenities Block Austin Butler Oval	Woy Woy	Sporting amenities
BL-1031	Rogers Park - Amenities (2022)	Woy Woy	Sporting amenities
BL-1039	Lemon Grove Park Clubhouse and Amenities (2022)	Umina Beach	Sporting amenities
BL-1057	Umina Oval Etta Road Amenities Building (PRP) (2023)	Umina Beach	Sporting amenities
BL-1058	Umina Oval League amenities (2023)	Umina Beach	Sporting amenities

WYONG AREA SPORTING AMENITIES			
Building ID	Name	Suburb	Typology
BL-0183	Hamlyn Terrace Oval Amenities Building	Hamlyn Terrace	Sporting amenities
BL-0188	Baker Park Grandstand and Amenities	Wyong	Sporting amenities
BL-0308	Sohier Park Grandstand and Amenities	Ourimbah	Sporting amenities
BL-0332	Warnervale Athletics Amenities	Warnervale	Sporting amenities
BL-0375	Wadalba Sports Facility Amenities Building	Wadalba	Sporting amenities
BL-0383	Watanobbi Oval Amenities	Watanobbi	Sporting amenities
BL-0511	Maidens Brush Oval Amenities	Wyoming	Sporting amenities
BL-0538	Gavenlock Oval Amenities	Narara	Sporting amenities
BL-0562	Kanwal Hall Sportsground Amenities/Kiosk	Kanwal	Sporting amenities
BL-0668	Paddy Clifton Oval Amenities Building	Narara	Sporting amenities
BL-0680	Pandala Rd Amenities NARARA	Narara	Sporting amenities
BL-0801	Lisarow Oval Amenities Building	Lisarow	Sporting amenities
BL-0890	Alan Davidson Oval Amenities Building	Wyoming	Sporting amenities
BL-0934	Central Coast Regional Sports Complex Amenities Building	Tuggerah	Sporting amenities

Table 5: Existing sports amenity buildings

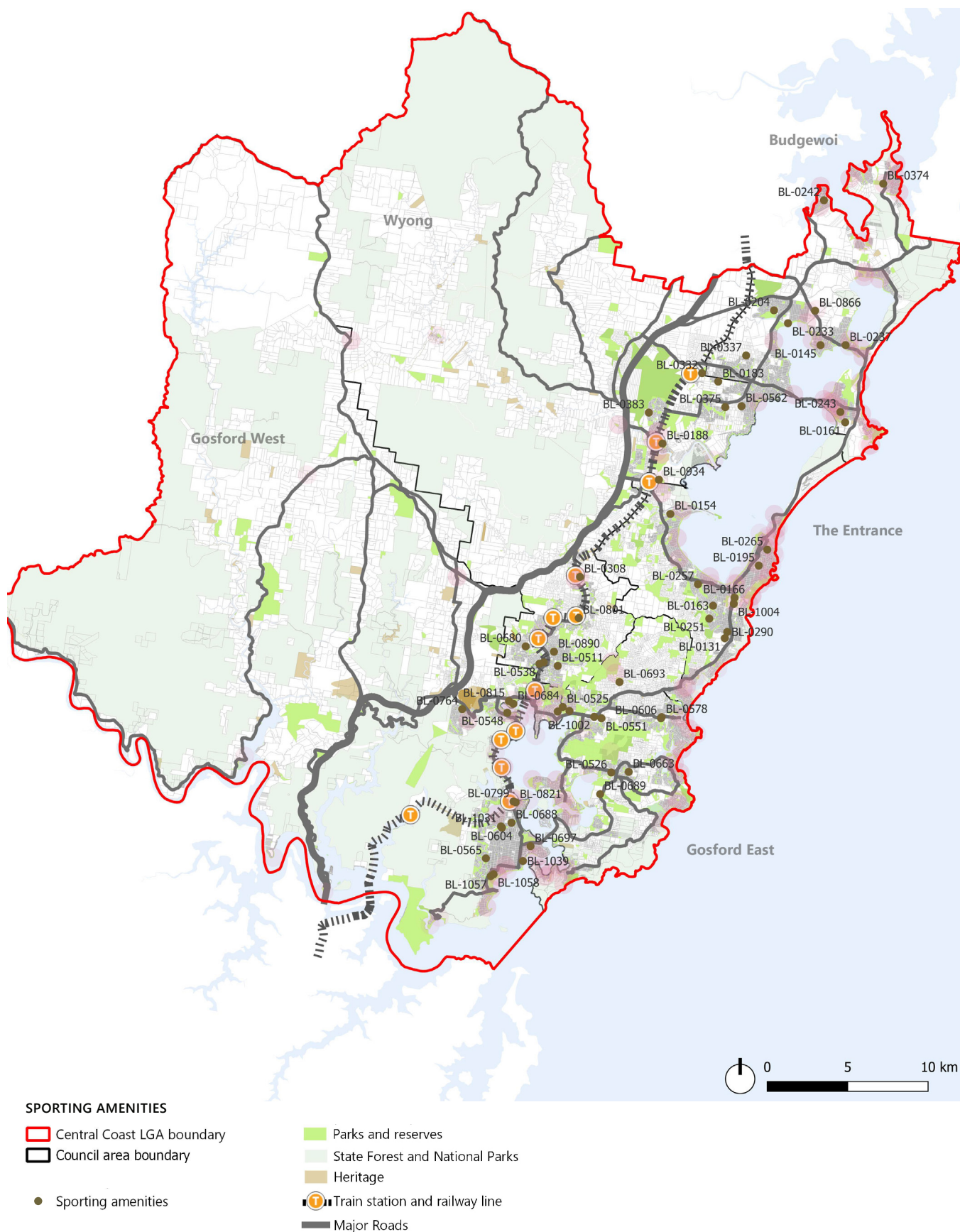


Figure 19: Existing sports pavilion in the LGA



## 2.2.5 Public Dump Points

Overview analysis:

- Central Coast is a destination for a coastal caravan holiday, with spectacular spots all along the coast. It is also set for increased visitation, due to the growing interest in the Hunter Valley and Central Coast itself. The planning strategies are informed by the existing public dump points to understand the demand and determine whether new public toilets are essential to meet the future demand.
- There are 10 existing dump points across the LGA. Each area within the LGA is provided with at least one dump point. The Budgewoi area is serviced by more than one dump point.
- Figure 20 shows that the majority of existing dump points are located along the Central Coast Highway and are near Holiday Parks. Two dump points are provided along the Pacific Motorway (North and South bound respectively).
- For future efficiency of existing dump points, it is recommended to implement partnership between Holiday Parks operators and Council. Existing dump points are recommended to be managed by Holiday Park operators and coordinated with Council.

EXISTING PUBLIC DUMP POINTS				
NO.	Name	Suburb	Who can use?	Cost
DP01	BIG4 Lake Macquarie Monterey Tourist Park	Mannering Park	For Registered Guests Only	Mixed
DP02	Budgewoi Holiday Park	Budgewoi	For Registered Guests Only	Mixed
DP03	Ampol Service Station: South bound	Wyong	Public dump point	Free
DP04	El Lago Waters Tourist Park	41 The Entrance Road	For Registered Guests Only	Paid
DP05	Blue Lagoon Beach Resort	Bateau Bay	For Registered Guests Only	Mixed
DP06	Caltex Service Station: North bound	Wyong	Public dump point	Free
DP07	Ocean Beach Holiday Park	Umina Beach	For Registered Guests Only	Paid
DP08	Toowoona Bay Holiday Park	Budgewoi	For Registered Guests Only	Mixed
DP09	Soldiers Beach Holiday Park	Budgewoi	For Registered Guests Only	Mixed
DP10	Toukley Holiday Park	Budgewoi	For Registered Guests Only	Mixed

Table 6: Existing Dump Points in the LGA

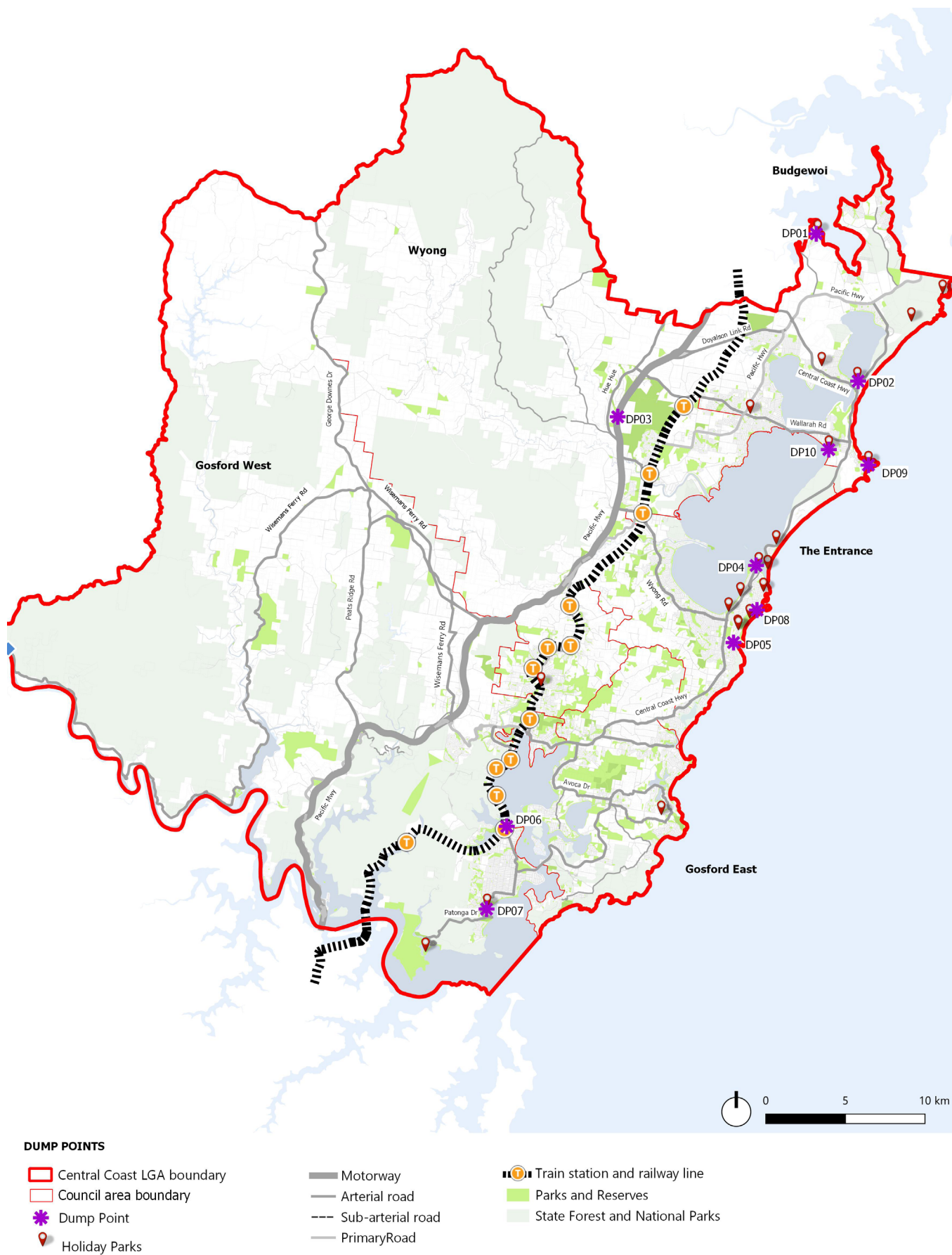


Figure 20: Existing Dump Points in the LGA

## 2.3.1 Public Toilet (Council-owned) Network in Budgewoi Area

Overview analysis:

- There are 48 existing public toilets across the Budgewoi area that are owned and/or managed by Council. The breakdown of these toilets by type is as follows: 36 are designated as General Public Toilets, 10 within Sports Amenity Buildings, and 2 are located in the Town Centre.
- CM<sup>+</sup> has conducted inspections of 31 of these existing public toilets, as outlined in Table 9. Section 3.1 - Gaps and Opportunities for New Public Toilets provides a summary of a preliminary Implementation Plan. It includes recommendations for potential improvements contingent with Council's assets and operational teams' input.
- The supply of aggregated existing public toilets relative to the population (2022) is sufficient against the supply ratio benchmark. There is a need for further work to be conducted to identify future demand relative to population change as an increase in population may require additional public toilets in strategic areas across the LGA.
- Figure 21 illustrates that the majority of the gaps in the supply of public toilets is in the vicinity of the reserve areas such as notable bushland and wetland areas.

Budgewoi Area Benchmark Indicator	
Population in 2022*	69,367
Total existing public toilets	38
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.55
<b>Total existing public toilets and sports amenity buildings</b>	<b>48</b>
Benchmark Indicator existing public toilets and sporting amenities (Public toilet blocks per 1000 people)	0.69

Table 7: Existing public toilet per 1000 people

BUDGEWOI AREA EXISTING SPORTS AMENITY BUILDINGS			
Building ID	Name	Suburb	Typology
BL-0145	Buff Point Oval Amenities	Buff Point	Sporting amenities
BL-0161	Darren Kennedy Oval Amenities Building	Noraville	Sporting amenities
BL-0204	Blue Haven Oval Amenities Building	Blue Haven	Sporting amenities
BL-0233	Northlakes Oval Amenities	San Remo	Sporting amenities
BL-0237	Halekulani Oval Amenities	Budgewoi	Sporting amenities
BL-0242	Mannering Park Sports ground - Amenities	Mannering Park	Sporting amenities
BL-0243	Harry Moore Oval - Amenities	Toukley	Sporting amenities
BL-0337	Woongarra Sports Complex Amenities Building	Woongarra	Sporting amenities
BL-0374	Tunkuwallin Park Changeroom And Canteen	Gwandalan	Sporting amenities
BL-0866	Koala Park Amenities	San Remo	Sporting amenities

Table 8: Existing sports amenity buildings (10) in the Budgewoi area



BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Suburb	Typology
EB01	BL0221PT	Mannering Park Tennis Clubhouse Public Toilet	Mannering Park	General public toilets
EB02	BL0328	Vales Point Park Public Toilet	Mannering Park	General public toilets
EB03	BL0234	Joshua Porter Reserve Public Toilet	Chain Valley Bay	General public toilets
EB04	BL0217	Lake Munmorah Tennis Public Toilet	Lake Munmorah	General public toilets
EB05	BL0213	Lake Munmorah Hall Public Toilet	Lake Munmorah	General public toilets
EB06	BL0339	Tom Burke Reserve Public Toilet	Lake Munmorah	General public toilets
EB07	BL0245	Sandy Beach Public Toilet	Summerland Point	General public toilets
EB08	BL0325PT	Tunkuwallin Park Toilet	Gwandalan	General public toilets
EB09	BL0270	Garema Boat Ramp Public Toilet	Gwandalan	General public toilets
EB10	BL0175	Gwandalan Lioness Park Public Toilet	Gwandalan	General public toilets
EB11	BL0350	Gwandalan Lions Park Public Toilet	Gwandalan	General public toilets
EB12	BL0151	Charmhaven Tennis Public Toilet	Charmhaven	General public toilets
EB13	BL0192	San Remo Hot Water Outlet Public Toilet	San Remo	General public toilets
EB14	BL0165	Edgewater Park Public Toilet	Buff Point	General public toilets
EB15	BL0209	Buff Point Community Hall Public Toilet	Buff Point	General public toilets
EB16	BL0144	Budgewoi Sailing Club Public Toilet	Budgewoi	General public toilets
EB17	BL0225	Mackenzie Reserve Public Toilet	Budgewoi	General public toilets
EB18	BL0254	Slade Park Public Toilet	Budgewoi	General public toilets
EB19	BL0804	Lakes Beach Public Toilet	Budgewoi	General public toilets
EB20	BL0236	Osborne Park Public Toilet	Toukley	General public toilets
EB21	BL0292	Toukley Gardens Public Toilet	Toukley	General public toilets
EB22	BL0327	Wallarah Point Public Toilet	Gorokan	General public toilets
EB23	BL0294	Toukley Hall and Library Public Toilet	Toukley	General public toilets
EB24	BL0244	Toukley Tennis Public Toilet	Toukley	General public toilets
EB25	BL0187	Harry Moore Oval Public Toilet	Toukley	General public toilets
EB26	BL0147	Canton Beach 1 Public Toilet - Beach Pde	Canton Beach	General public toilets
EB27	BL0212	Canton Beach 2 Public Toilet - Belbowrie St	Canton Beach	General public toilets
EB28	BL0194	Jenny Dixon Reserve Public Toilet	Norah Head	General public toilets
EB29	BL0229	Norah Head Rock Pool Public Toilet	Norah Head	General public toilets
EB30	BL0146	Bush Street Reserve Public Toilet	Norah Head	General public toilets
EB31	BL0263	Soldiers Beach Headland Public Toilet	Norah Head	General public toilets

Table 9: Existing inspected public toilets (31) in the Budgewoi area

BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Suburb	Typology
BL-0207	Boat Harbour Public Toilet	Summerland Point	General public toilets
BL-0232	Extreme Sports Park Public Toilet	San Remo	General public toilets
BL-0255-PT	Soldiers Beach SLSC Public Toilet (Part of the SLSC building)	Norah Head	General public toilets
BL-0296	Toukley Village Green Public Toilet	Toukley	Town Centre public toilets
BL-0324	Tenth Avenue Public Toilet	Budgewoi	Town Centre public toilets
BL-1000	Mazlin Reserve Public Toilet	Norah Head	General public toilets
BL-1053	Koala Park Toilet Block	San Remo	General public toilets

Table 10: Existing public toilets (7) in the Budgewoi area

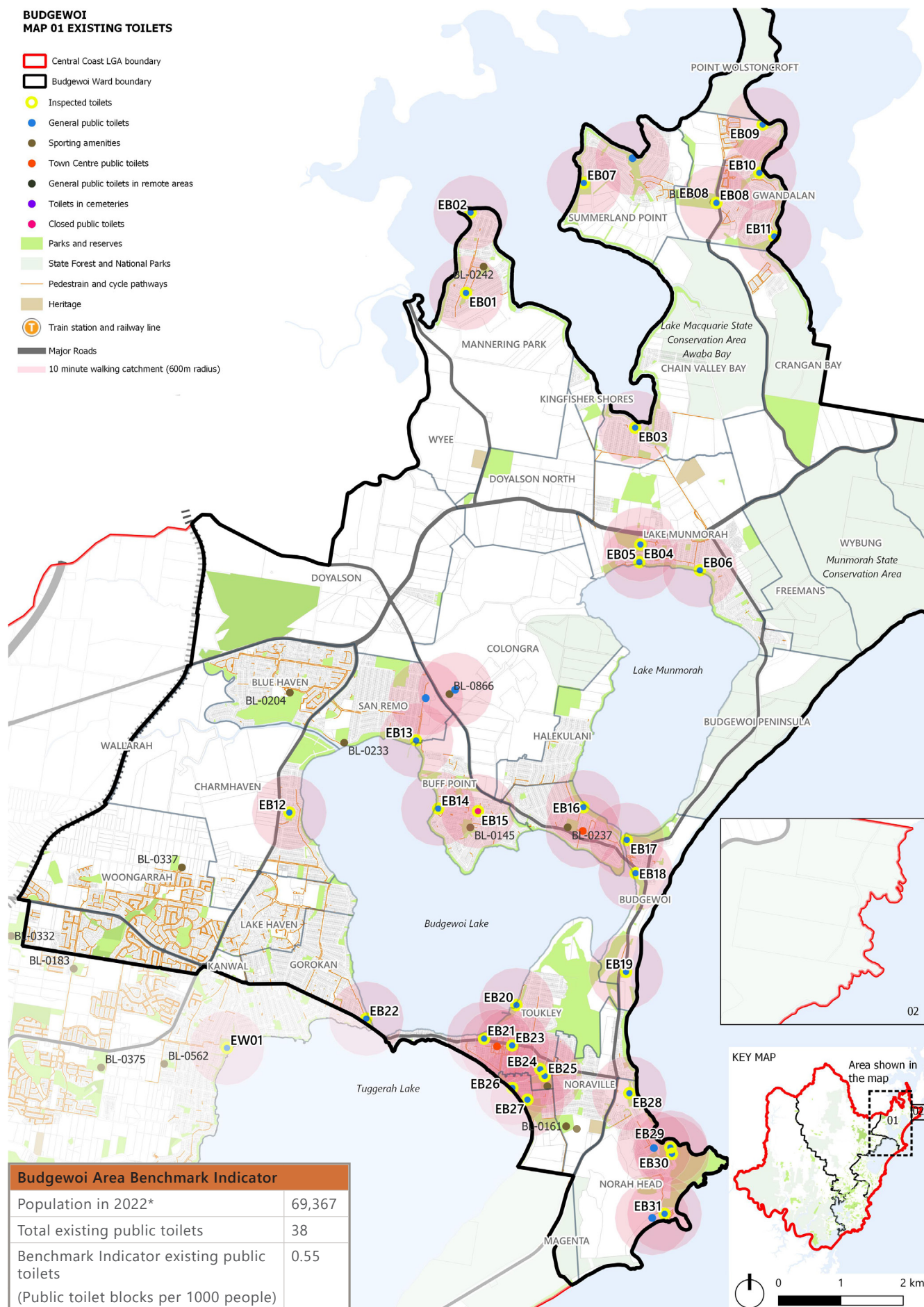
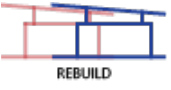

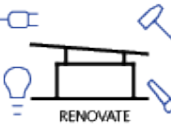

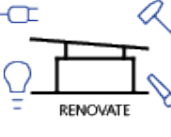





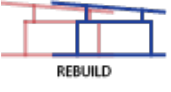
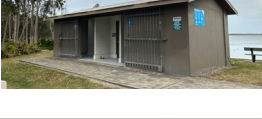
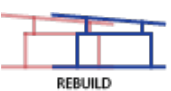



Figure 21: Existing public toilets in the Budgewoi area

Note:  
IW = Immediate Works  
MW = Main Works



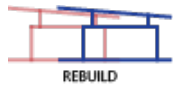

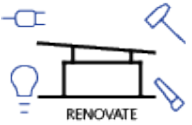







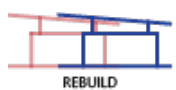

## Summary of Implementation

### BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)





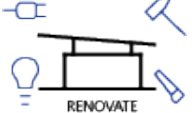



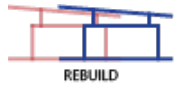





No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB01	BL0221PT	Mannering Park Tennis Clubhouse Public Toilet	Mannering Park	GPT - District, Tennis Courts, Skatepark, Dog OLA (proposed new)	60	Poor and outdated fixtures.	IW: Renovate internal fixtures to current standards. MW: New Type B - District Toilets.
							
EB02	BL0328	Vales Point Park Public Toilet	Mannering Park	GPT - Local, boat ramp, tidal bath	50	Broken and outdated fixtures.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. MW: Refresh line markings for DDA parking and boat trailer parking. Renovate the building exterior and internal fixtures to meet current standards.
							
EB03	BL0234	Joshua Porter Reserve Public Toilet	Chain Valley Bay	GPT - Local, Boat Ramp, Lake Swimming	40	Poor and outdated fixtures.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. MW: Refresh line markings for DDA parking and boat trailer parking. Renovate the building exterior and internal fixtures to meet current standards.
							
EB04	BL0217	Lake Munmorah Tennis Public Toilet	Lake Munmorah	GPT - Local, Tennis Court, Skatepark	38	Facility locked and in poor condition. Significant social and graffiti vandalism.	Poor facility and surveillance. Close and demolish existing local skatepark facility. Skatepark Action Plan: Close existing. Providing a new regional facility is proposed at Tall Timbers Road. MW: Pending Tennis Court strategy, provide new Type A - Local Toilets near street parking. Civil upgrade work to Council Scope (Parking/ Services).
							
EB05	BL0213	Lake Munmorah Hall Public Toilet	Lake Munmorah	GPT - District	60	Poor and outdated fixtures. Poor siting and visitation.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Relocate new Type A - Local Toilets with beach shower near playground and DDA parking.
							
EB06	BL0339	Tom Burke Reserve Public Toilet	Lake Munmorah	GPT - Local, Beach	60	Poor and outdated fixtures. DDA non-compliance.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Construct new Type A - Local Toilets with beach shower facing Dianne Avenue with clear sightlines and access to playground and DDA parking.
							
EB07	BL0245	Sandy Beach Public Toilet	Summerland Point	GPT - Local, Beach	48	Poor and outdated fixtures. DDA non-compliance.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Construct new Type A - Local Toilets with beach shower, located near existing and that faces the public footpath and picnic area.
							



**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB08	BL0325PT	Tunkuwallin Park Toilet	Gwandalan	GPT - District, skatepark, Dog OLA (proposed new)	38	Facility locked. High social vandalism. Poor and outdated fixtures.	IW: Close and demolish existing local facility. MW: Construct new Type B - District Toilets located near street parking to improve public surveillance. Upgrade the separate sport facility for event use.
							
EB09	BL0270	Garema Boatramp Public Toilet	Gwandalan	GPT - Boat Ramp	50	Damaged and outdated fixtures and exterior. High social vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets after end of life. Construct new Type A - Local Toilets with beach shower. Keep clear from existing trees. (Unpatrolled bathing area). Civil upgrade work to Council Scope (Parking/Services).
							
EB10	BL0175	Gwandalan Lioness Park Public Toilet	Gwandalan	GPT - Local, Boat Ramp, Tidal Bath	13	Damaged and outdated fixtures. Graffiti and social vandalism.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. Refresh line markings for DDA parking and boat trailer parking. MW: Renovate the building's exterior and internal fixtures to meet current standards.
							
EB11	BL0350	Gwandalan Lions Park Public Toilet	Gwandalan	GPT - Local, Boat Ramp	50	Broken and outdated fixtures. Significant graffiti vandalism.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing. Relocate new Type B - District Toilets with beach shower closer to playground and street for improved visitation. (Unpatrolled bathing area)
							
EB12	BL0151	Charmhaven Tennis Public Toilet	Charmhaven	GPT - Local, Tennis Court	48	Poor and outdated fixtures. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets after end of life. Redundant toilets, Tennis Club facility on site is available for public use.
							
EB13	BL0192	San Remo Hot Water Outlet Public Toilet	San Remo	GPT - Local, Boat Ramp	45	Poor siting. Poor and outdated fixtures and exterior. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type A - Local Toilets closer to picnic area for improved visitation. Explore the need for beach shower. (Unpatrolled bathing area) (Alternative location: NB02 John Peter Howard Playground)
							
EB14	BL0165	Edgewater Park Public Toilet	Buff Point	GPT - District, Boat Ramp	27	Good siting and visitation. Non-compliance and outdated fixtures. High graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with new orientation.
							

**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)





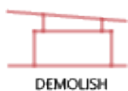

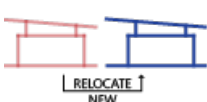

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB15	BL0209	Scout Hall/Buf Point Community Hall Public Toilet	Buf Point	GPT - Local	50	High social and graffiti vandalism. Poor hygienic condition to the interior and exterior.	IW: Demolish existing. MW: Low demand factor - redundant toilet provision at Edgewater Park (EB14).
		 DEMOLISH					
EB16	BL0144	Budgewoi Sailing Club Public Toilet	Budgewoi	GPT - Boat ramp, Nature (Beach)	50	High graffiti vandalism. Poor and outdated fixtures. Road requiring resurfacing.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Low demand factor as the club is closed - redundant toilet.
		 DEMOLISH					
EB17	BL0225	Mackenzie Reserve Public Toilet	Budgewoi	GPT - District	50	Good visitation. Updated fixtures in good condition and well maintained.	IW: Ongoing maintenance. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RENOVATE					
EB18	BL0254	Slade Park Public Toilet	Budgewoi	GPT - Local, boat Ramp, by pass	50	Poor internal and external lighting. Graffiti vandalism. Broken and outdated fixtures.	IW: Return for use and management by Football Club. MW: Relocate new Type A - Local Toilets closer to main road on high ground away from flood zone.
		 RELOCATE NEW					
EB19	BL0804	Lakes Beach Public Toilet	Budgewoi	GPT - Nature (Beach)	40	Social vandalism on site. Illegal car camping on site. Poor and outdated fixtures. Significant salt attack to building exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type C - Regional Toilets with adult change facility, beach showers and accessible access to beach. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 REBUILD					
EB20	BL0236	Osborne Park Public Toilet	Toukley	GPT - Local, boat Ramp	50	No sensor lights, no manual switch. Graffiti vandalism. Poor surveillance to male toilet. No wayfinding signage. Poor and outdated fixtures	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A- Local Toilets on higher ground away from flood zone with access from share path. Ensure clear sightline to playground.
		 RELOCATE NEW					
EB21	BL0292	Toukley Gardens Public Toilet	Toukley	GPT - Local, by pass	40	Heavy vandalism. Broken and outdated fixtures. Poor interior lighting.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets orientated towards the main street with accessible parking and pathway. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RELOCATE NEW					

**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB22	BL0327	Wallarah Point Peace Park Public Toilet	Gorokan	GPT - District, by pass, boat Ramp	40	Poor and outdated fixtures. Poor interior lightings. Passive surveillance.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with accessible pathway, closer to the park entrance and playground/BBQ area. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b>					
EB23	BL0294	Toukley Hall and Library Public Toilet	Toukley	GPT - Library, by passer	50	Damaged and outdated fixtures. High social vandalism. Poor visitation for all entrances.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b>					
EB24	BL0244	Toukley Tennis Public Toilet	Toukley	GPT - Local, Tennis Courts	60	Poor accessibility to DDA parking and street level. Graffiti vandalism. Poor and outdated fixtures. Damp building envelope.	IW: Ongoing maintenance. MW: Demolish existing. Relocate new Type B - District Toilets with DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b>					
EB25	BL0187	Harry Moore Oval Public Toilet	Toukley	GPT - Local	50	No DDA parking. Inaccessible path connection to street parking. Poor interior lighting. Poor and outdated fixtures.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets near playground, ensure accessibility from DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b>					
EB26	BL0147	Canton Beach 1 Public Toilet - Beach Pde	Canton Beach	GPT - Local, Beach	60	Poor and outdated fixtures and interior. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type A - Local Toilets near playground, close to current location and accessible street parking. Explore the need for beach shower. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>REBUILD</b>					
EB27	BL0212	Canton Beach 2 Public Toilet - Belbowrie Street	Canton Beach	GPT - Regional, Nature (Beach), Boat Ramp	60	Poor and outdated fixtures and interior. Graffiti vandalism. Low visitation due to overgrown landscape.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type C - Regional Toilets with adult change facility near playground and accessible street parking to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>REBUILD</b>					



**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB28	BL0194	Jenny Dixon Reserve Public Toilet	Norah Head	GPT - Local, Beach, by pass	50	Poor and outdated fixtures and interior. Low visitation due to overgrown landscape.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type B - District Toilets with beach showers near picnic area and accessible street parking to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EB29	BL0229	Norah Head Rock Pool Public Toilet	Norah Head	GPT - Nature (Beach), boat ramp	50	Poor and outdated fixtures and interior. Low visitation due to overgrown landscape. Wall cracks are noticed in female toilet.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with beach showers near accessible car parking, subject to site topography. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EB30	BL0146	Bush Street Reserve Public Toilet	Norah Head	GPT - Local, by pass	50	Poor surveillance and lighting to interior. Roof shaded under trees requiring maintenance. Poor visitation. Poor and outdated fixtures and interior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets. Toilets available at the cafe toilets and the Mazlin Reserve toilets.
							
EB31	BL0263	Soldiers Beach Headland Public Toilet	Norah Head	GPT - Nature (Beach)	55	Away from car parking, no passive surveillance. Good and clean condition. Compliant fixtures.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) with beach showers near accessible car parking, facing cafe. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

**Notes:**

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## 2.3.2 Public Toilet (DDA Accessible) Network in Budgewoi Area

Overview analysis:

- The general aim of this analysis is to determine whether the Budgewoi area has sufficient DDA accessible toilets available against the benchmark supply ratio and to identify priority of the implementation whereby a public toilet does not have a compliant DDA toilet facility.
- There are a total of 35 existing public DDA accessible toilets in the Budgewoi area.
- Out of the 31 existing toilets that were inspected by CM<sup>+</sup> across the Budgewoi area, only 29 toilets were accessible under the DDA compliance guidelines.
- Figure 22 denotes the existing toilets that are currently DDA accessible. The non-DDA compliant toilets are noted to be of the highest priority to be upgraded to the current DDA standard - unless the relevant authority deems the site to be unsuitable for accessible toilets.
- To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.

Budgewoi Area Benchmark Indicator	
Population in 2022*	69,367
Total existing public DDA accessible toilets	35
Benchmark Indicator existing DDA accessible public toilets per 1000 people	0.50

Table 11: Existing DDA accessible public toilet per 1000 people

BUDGEWOI AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Typology	Accessibility
EB01	BL0221PT	Mannering Park Tennis Clubhouse Public Toilet	General public toilets	Yes
EB02	BL0328	Vales Point Park Public Toilet	General public toilets	Yes
EB03	BL0234	Joshua Porter Reserve Public Toilet	General public toilets	Yes
EB04	BL0217	Lake Munmorah Tennis Public Toilet	General public toilets	No
EB05	BL0213	Lake Munmorah Hall Public Toilet	General public toilets	Yes
EB06	BL0339	Tom Burke Reserve Public Toilet	General public toilets	Yes
EB07	BL0245	Sandy Beach Public Toilet	General public toilets	Yes
EB08	BL0325PT	Tunkuwallin Park Toilet	General public toilets	Yes
EB09	BL0270	Garema Boat Ramp Public Toilet	General public toilets	Yes
EB10	BL0175	Gwandalan Lioness Park Public Toilet	General public toilets	Yes
EB11	BL0350	Gwandalan Lions Park Public Toilet	General public toilets	Yes
EB12	BL0151	Charmhaven Tennis Public Toilet	General public toilets	Yes
EB13	BL0192	San Remo Hot Water Outlet Public Toilet	General public toilets	Yes
EB14	BL0165	Edgewater Park Public Toilet	General public toilets	Yes
EB15	BL0209	Buff Point Community Hall Public Toilet	General public toilets	No
EB16	BL0144	Budgewoi Sailing Club Public Toilet	General public toilets	Yes
EB17	BL0225	Mackenzie Reserve Public Toilet	General public toilets	Yes
EB18	BL0254	Slade Park Public Toilet	General public toilets	Yes
EB19	BL0804	Lakes Beach Public Toilet	General public toilets	Yes
EB20	BL0236	Osborne Park Public Toilet	General public toilets	Yes
EB21	BL0292	Toukley Gardens Public Toilet	General public toilets	Yes
EB22	BL0327	Wallarah Point Public Toilet	General public toilets	Yes
EB23	BL0294	Toukley Hall and Library Public Toilet	General public toilets	Yes
EB24	BL0244	Toukley Tennis Public Toilet	General public toilets	Yes
EB25	BL0187	Harry Moore Oval Public Toilet	General public toilets	Yes
EB26	BL0147	Canton Beach 1 Public Toilet - Beach Pde	General public toilets	Yes
EB27	BL0212	Canton Beach 2 Public Toilet - Belbowrie St	General public toilets	Yes
EB28	BL0194	Jenny Dixon Reserve Public Toilet	General public toilets	Yes
EB29	BL0229	Norah Head Rock Pool Public Toilet	General public toilets	Yes
EB30	BL0146	Bush Street Reserve Public Toilet	General public toilets	Yes
EB31	BL0263	Soldiers Beach Headland Public Toilet	General public toilets	Yes

Table 12: Existing DDA accessible inspected public toilets (29 out of 31) in the Budgewoi area.

BUDGEWOI AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Typology	Accessibility
BL-0207	Boat Harbour Public Toilet	General public toilets	Yes
BL-0232	Extreme Sports Park Public Toilet	General public toilets	Yes
BL-0255-PT	Soldiers Beach SLSC Public Toilet (Part of the SLSC building)	General public toilets	Yes
BL-0296	Toukley Village Green Public Toilet	Town Centre public toilets	Yes
BL-0324	Tenth Avenue Public Toilet	Town Centre public toilets	Yes
BL-1000	Mazlin Reserve Public Toilet	General public toilets	Yes
BL-1053	Koala Park Toilet Block	General public toilets	No

Table 13: Existing DDA accessible public toilets (6 out of 7) in the Budgewoi area.



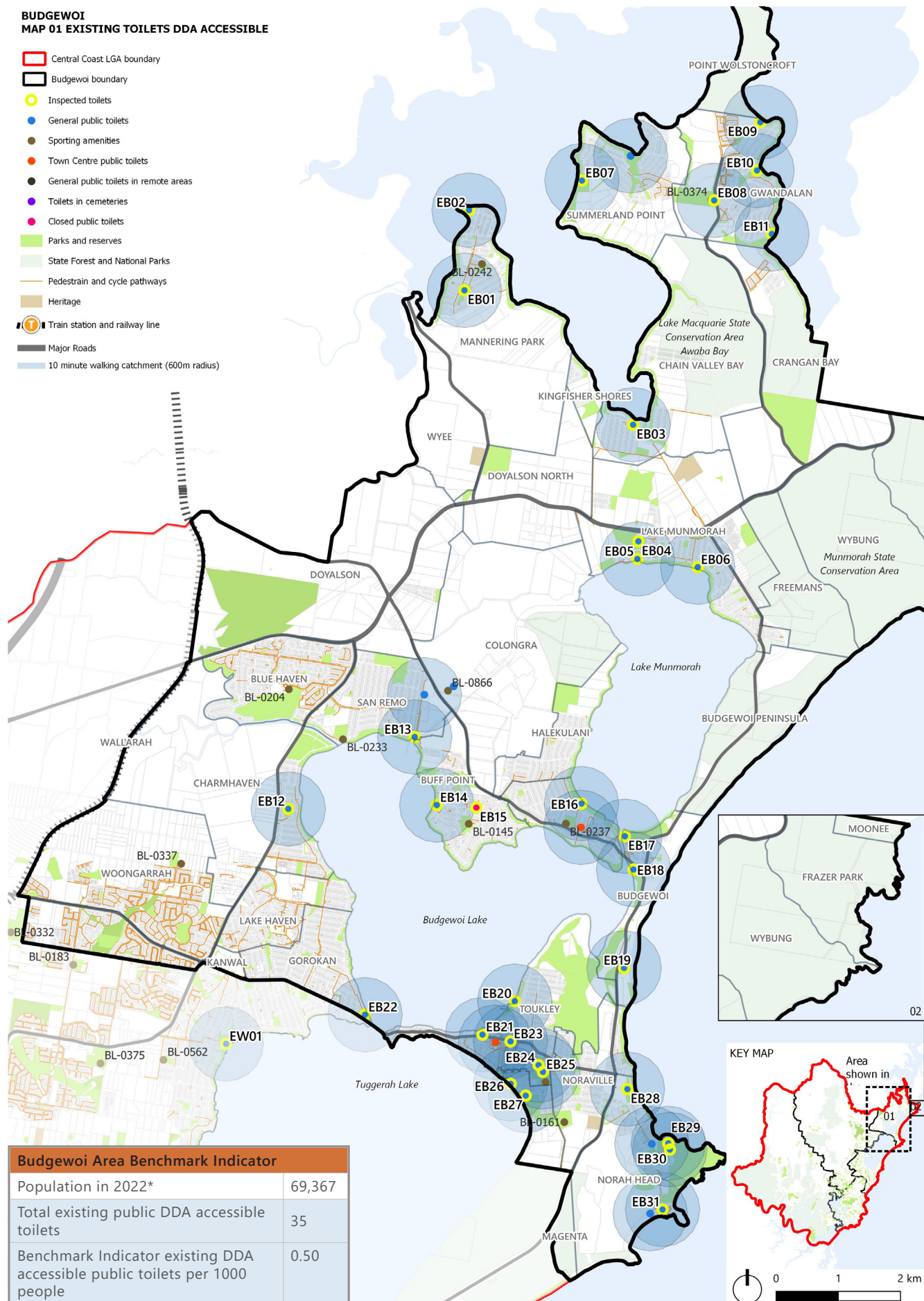


Figure 22: Existing public toilets DDA Accessible Toilets in the Budgewoi area

### 2.3.3 Public Toilet and Shared Toilet Networks in Budgewoi Area

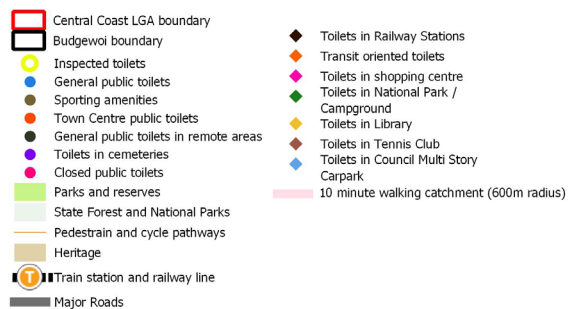
Overview analysis:

- The general aim of this analysis is to provide a snapshot of the actual supply of existing public toilets from both Council-owned and publicly accessible toilets across the LGA, including those at train stations, shopping malls, libraries, National Parks, campgrounds, tennis clubs, and Council multi-storey carparks. Their inclusion in the assessment aid the team in finding the actual gaps and to be able to fill opportunities for new public toilets.
- There are a total of 50 public toilets in the Budgewoi area which include existing (Council-owned) and shared toilets. Out of the aggregated 50 public toilets available, there are 12 additional shared toilets which the public has easy access to.
- Figure 23 shows an additional overlay of shared public toilets spread across major destination areas in the town centres of Budgewoi and Toukley and shopping centres in Lake Haven, Lake Munmorah, and San Remo. With these additional public toilets, the recommended public toilet ratio to population is achieved.

The Budgewoi Area Benchmark Indicator	
Population in 2022*	69,367
Total existing public toilets (Council-owned)	38
Total shared toilets	12
TOTAL	50
Benchmark Indicator existing public toilets per 1000 people	0.72

Table 14: Existing and shared toilets per 1000 people

**BUDGEWOI**  
**MAP 01 EXISTING + SHARED TOILETS**



**Budgewoi Area Benchmark Indicator**

Population in 2022*	69,367
TOTAL public toilets (existing council owned + shared)	50
Benchmark Indicator existing public toilets per 1000 people	0.72

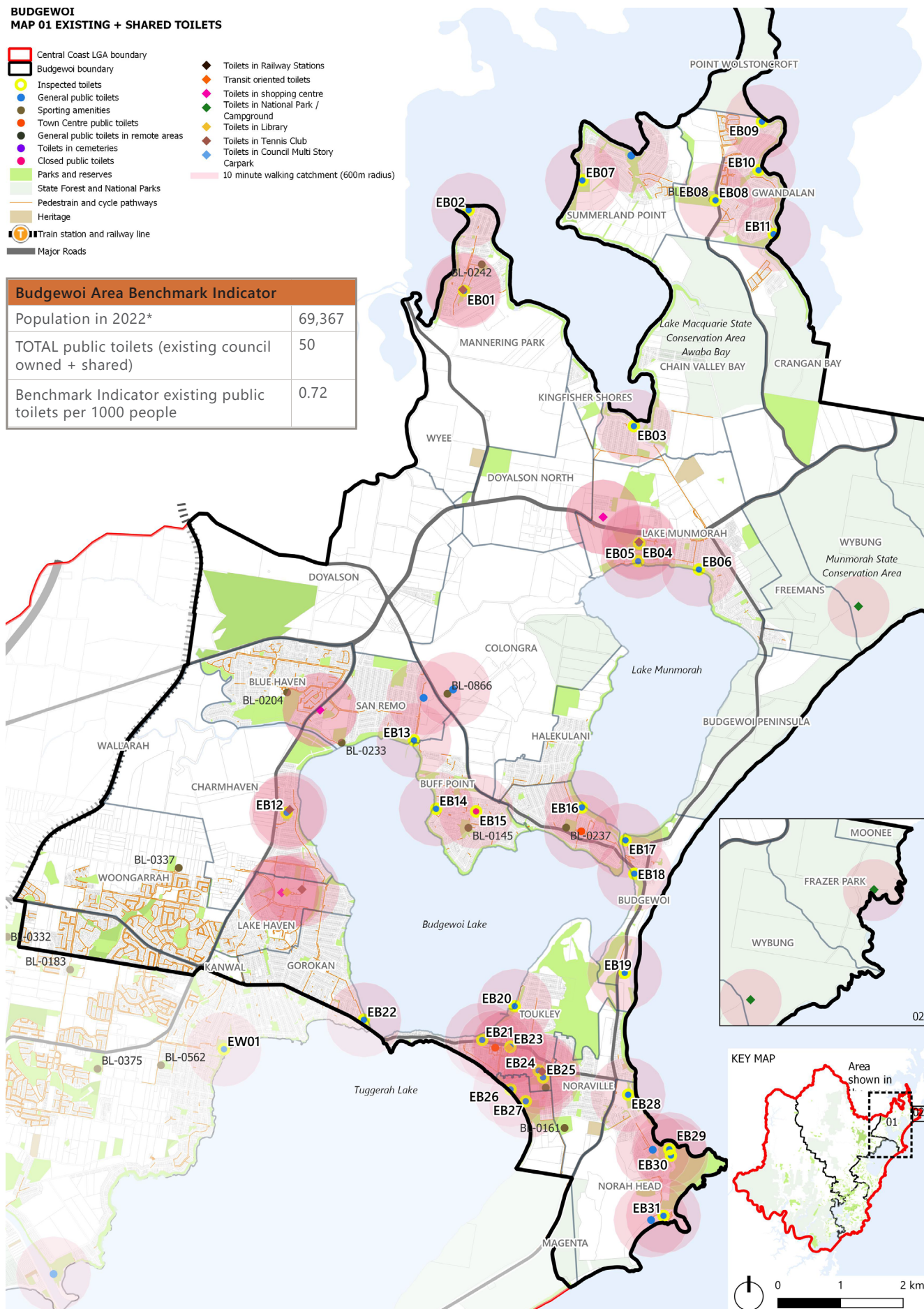


Figure 23: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Budgewoi area



## 2.4.1 Public Toilet (Council-owned) Network in The Entrance Area

Overview analysis:

- Out of the 37 existing public toilets across The Entrance area, 18 public toilets which are owned by Council have been inspected by CM<sup>+</sup> (Table 17). Section 3.1 - Gaps and Opportunities for New Public Toilets provides a summary of a preliminary Implementation Plan. It includes recommendations for potential improvements contingent with Council's assets and operational teams' input.
- The supply of aggregated existing public toilets relative to the population (2022) is sufficient against the supply ratio benchmark. There is a need for further work to be conducted to identify future demand relative to population change as an increase in population may require additional public toilets in strategic areas across the LGA.
- Figure 24 reveals that the majority of gaps in the supply of public toilets is in the vicinity of reserve areas which are located south west of the The Entrance area. Existing public toilets are only concentrated in the vicinity of the activity centre of The Entrance, The Entrance North, and Blue Bay.

The Entrance Area Benchmark Indicator	
Population in 2022*	66,357
Total existing public toilets	37
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.56
<b>Total existing public toilets and sports amenity buildings</b>	<b>47</b>
Benchmark Indicator existing public toilets and sporting amenities (Public toilet blocks per 1000 people)	0.71

Table 15: Existing public toilet per 1000 people

THE ENTRANCE AREA SPORTS AMENITY BUILDINGS			
Building ID	Name	Suburb	Typology
BL-0131	Bateau Bay Oval AFL/Softball Amenities	Bateau Bay	Sporting amenities
BL-0154	Chittaway Oval Amenities	Chittaway Bay	Sporting amenities
BL-0163	Eastern Road Oval - Amenities	Killarney Vale	Sporting amenities
BL-0166	EDSACC - Amenities (North)	Bateau Bay	Sporting amenities
BL-0195	Jubilee Park Amenities	Long Jetty	Sporting amenities
BL-0251	Sir Joseph Banks Oval Amenities	Bateau Bay	Sporting amenities
BL-0257	Killarney Athletics Track Amenities	Killarney Vale	Sporting amenities
BL-0265	Taylor Park Amenities	The Entrance	Sporting amenities
BL-0290	Pat Morley Oval Amenities	Bateau Bay	Sporting amenities
BL-1004	EDSACC - Amenities Building (South)	Bateau Bay	Sporting amenities

Table 16: Existing sports amenity building (10) in The Entrance area

THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Suburb	Typology
EE01	BL-0354	Tuggerah Dog Park Public Toilet	Tuggerah	General public toilets
EE02	BL-0937	Chittaway Point Hall Public Toilet	Chittaway Point	General public toilets
EE03	BL-0138	Bluebell Park Public Toilet	Berkeley Vale	General public toilets
EE04	BL-0208	Kurraba Oval Public Toilet	Berkeley Vale	General public toilets
EE05	BL-0273	Lucinda Avenue Public Toilet	Killarney Vale	General public toilets
EE06	BL-0218	Long Jetty Lions Park Public Toilet	Long Jetty	General public toilets
EE07	BL-0197	Jubilee Park Public Toilet	Long Jetty	General public toilets
EE08	BL-0201	Karagi Park Public Toilet	The Entrance North	General public toilets
EE09	BL-0329	Walter and Edith Denniss Park Public Toilet	The Entrance North	General public toilets
EE10	BL-0239	Pelicans Wharf (Sensory Gardens) Public Toilet	The Entrance North	General public toilets
EE11	BL-0317	Swadling Reserve Public Toilet	Toowoona Bay	General public toilets
EE12	BL-0279	North Shelly Beach Public Toilet	Toowoona Bay	General public toilets
EE13	BL-0300	Shelly Beach Public Toilet	Shelly Beach	General public toilets
EE14	BL-0141	Blue Lagoon Public Toilet	Bateau Bay	General public toilets
EE15	BL-0489	EDSACC - Bato Skatepark Public Toilet	Bateau Bay	General public toilets
EE16	BL-0539	Wamberal Cemetery Public Toilet	Wamberal	Toilets in cemeteries
EE17	BL-0749	Wairakei Road Park Public Toilet	Wamberal	General public toilets
EE18	BL-0655	Wamberal Memorial Hall Public Toilet	Wamberal	General public toilets

Table 17: Existing inspected public toilets (18) in The Entrance area

THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Suburb	Typology
BL-0003	Picnic Point Public Toilet	The Entrance	General public toilets
BL-0124	Denning Street Carpark Ladies Public Toilet	The Entrance	Town Centre public toilets
BL-0143	Blue Bay Public Toilet	Blue Bay	General public toilets
BL-0157	Coral Street Carpark Public Toilet	The Entrance	Town Centre public toilets
BL-0199	Killarney Vale Coles Public Toilet	Killarney Vale	General public toilets
BL-0249-PT	Shelly Beach SLSC Public Toilet (Part of the SLSC building)	Shelly Beach	General public toilets
BL-0287-PT	Toowoona Bay SLSC Public Toilet (Part of the SLSC building)	Toowoona Bay	General public toilets
BL-0295	Saltwater Creek Park Public Toilet	Long Jetty	General public toilets
BL-0302	Long Jetty Foreshore Public Toilet - opposite Archbold St	Long Jetty	General public toilets
BL-0303	Long Jetty Foreshore Public Toilet - opposite Gladstan Ave	Long Jetty	General public toilets
BL-0305	The Entrance SLSC Public Toilet	The Entrance	Town Centre public toilets
BL-0447	Denning Street Carpark Mens Public Toilet	The Entrance	Town Centre public toilets
BL-0786	Pacific St Public Toilet	Wamberal	General public toilets
BL-0827	The Entrance Ocean Baths - Public Toilet	The Entrance	General public toilets
BL-0925	Kalakau Ave Public Toilet	Forrester's Beach	General public toilets
BL-0941	North Entrance SLSC Public Toilet	The Entrance North	General public toilets
BL-0967	Azzuro Blu Wharf Toilet	The Entrance	Town Centre public toilets
BL-1040	Wiles Ave (Wamberal Beach) Public Toilet	Wamberal	General public toilets
BL-1055	Memorial Park Public Toilet	The Entrance	Town Centre public toilets

Table 18: Existing public toilets (19) in The Entrance area

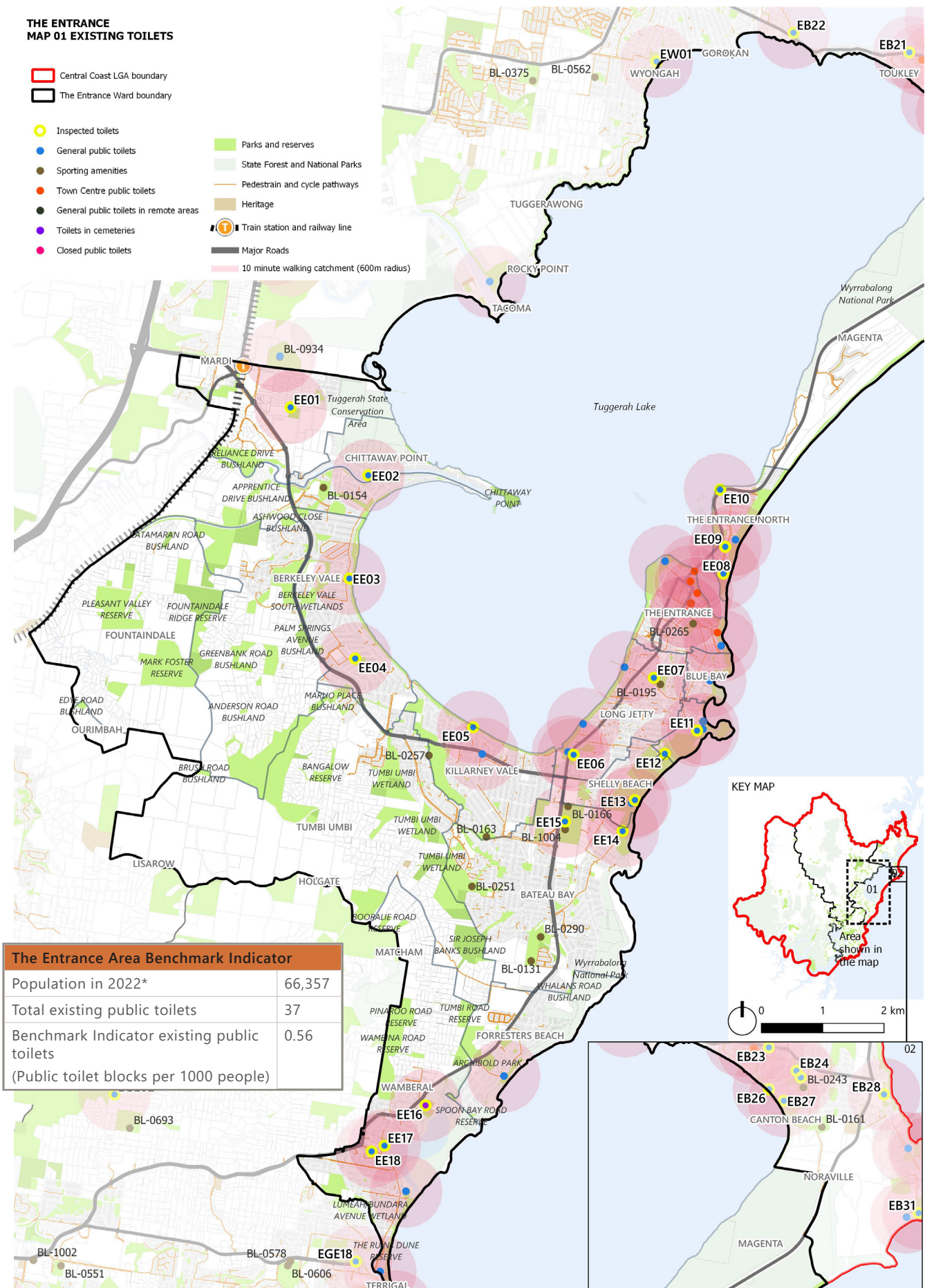


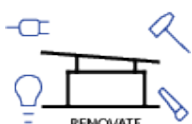





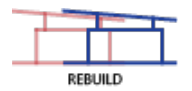

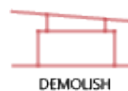





Figure 24: Existing public toilets in The Entrance area



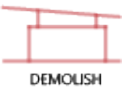



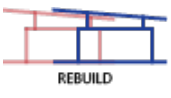



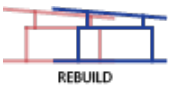

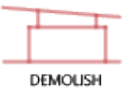



# Summary of Implementation

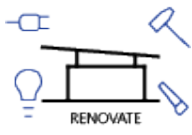

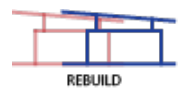



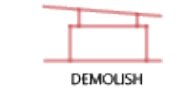

Note:  
IW = Immediate Works  
MW = Main Works

THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)							
No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE01	BL0354	Tuggerah Dog Park Public Toilet	Tuggerah	GPT - District, dog off leash park	48	Poor surveillance and anti-social behaviour. Poor and outdated fixtures, interiors and exteriors. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets with accessible parking facing parking. Civil upgrade work to Council Scope (Parking/ Services). (Review risk and safety of the site before any new toilet implementation)
							
EE02	BL0937	Chittaway Point Hall Public Toilet	Chittaway Point	GPT - Local, Boat Ramp	48	Aged and outdated fixtures and interior.	IW: Renovate internal fixtures to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EE03	BL0138	Bluebell Park Public Toilet	Berkeley Vale	GPT - Local	33	Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with accessible street parking at Jimmy Jurds Pirate Park 1000m away. (NE02)
							
EE04	BL0208	Kurraba Oval Public Toilet	Berkeley Vale	GPT - District	48	Poor hygienic condition. Aged and outdated interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with sport facility facing the field and adjacent to the playground and community hall.
							
EE05	BL0273	Lucinda Avenue Public Toilet	Killarney Vale	GPT - Local	40	Damaged and outdated fixtures and interior. Good siting and visitation. Social and graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type B - District Toilets with accessible street parking on higher ground away from flood zone to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EE06	BL0218	Long Jetty Lions Park Public Toilet	Long Jetty	GPT - Local	48	Good passive surveillance. Water damp to building external envelope. Significant graffiti vandalism. Old and outdated fixtures and interiors.	IW: Ongoing maintenance till the end of life. MW: Demolish existing after end of life - redundant toilet provision. Public toilets available at Saltwater Creek Park, ~250m away. (BL0295)
							
EE07	BL0197	Jubilee Park Public Toilet	Long Jetty	GPT - Local, tennis courts	48	Surrounded by overgrown trees causes water dampness to the building external envelope. Significant graffiti vandalism. Poor lights to interior. Broken and outdated fixtures and interior.	IW: Ongoing maintenance till the end of life. MW: Demolish existing after end of life. Provide and position new Type A - Local Toilets close to accessible parking with clear sightlines from the playground.
							

**THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE08	BL0201	Karagi Park Public Toilet	The Entrance North	GPT - Nature (Beach)	38	No DDA parking and not accessible. Poor interior lighting. Broken and outdated fixtures and interior. Salt attack to external brick walls.	IW: Ongoing maintenance. MW: Demolish building and position new Type B - District Toilets close to the beach walking path, accessible parking and with clear sightlines from playground.
							
EE09	BL0329	Walter and Edith Denniss Park Public Toilet	The Entrance North	GPT - Local	48	Graffiti vandalism. Poor hygienic condition. Age and outdated fixtures and interior finishes.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets provision. Public toilets available at the North Entrance SLSC and the future regional toilets at The Entrance North playground (See NE03 Terilbah Reserve).
							
EE10	BL0239	Pelicans Wharf (Sensory Gardens) Public Toilet	The Entrance North	GPT - Regional, boat ramp	43	Aged and outdated fixtures and interior finishes. Significant graffiti vandalism. Illegal caravan camping on site.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets with beach shower, to face DDA parking at Sensory Garden. See NE03 for new toilets near Terilbah Reserve playground area.
							
EE11	BL0317	Swadling Reserve Public Toilet	Toowoomb Bay	GPT - District, Beach	24	Old and outdated fixtures. High graffiti vandalism. Poor hygienic condition to Male toilet.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with beach shower closer to car park with clear sightlines towards playground.
							
EE12	BL0279	North Shelly Beach Public Toilet	Toowoomb Bay	GPT - Nature (Beach)	48	Poor and outdated fixtures and exterior. Graffiti vandalism. Low passive surveillance to the shower area from car park.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with custom storage area and beach shower closer to car park with clear sightlines from picnic area. Civil upgrade work to Council Scope (Parking/Services).
							
EE13	BL0300	Shelly Beach Public Toilet	Shelly Beach	GPT - Nature (Beach)	40	Broken fixtures and aged flooring interior. Poor internal lighting. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with beach shower at current location ensuring passive surveillance from car park and cafe.
							
EE14	BL0141	Blue Lagoon Public Toilet (NOT COUNCIL'S ASSET)	Bateau Bay	GPT - Nature (Beach)	48	Run down and located at isolated site. The toilets are abandon with hazardous material and in poor condition. No service car access is available.	IW: Temporary closure. MW: Demolish existing - redundant toilets. Public toilets available at the Shelly Beach Surf Club (BL0249PT) 500m away and the North Shelly Beach amenities (EE12). Residents from the Blue Lagoon Beach Resort would be the dominant users.
							

# THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE15	BL0489	EDSACC - Bato Skatepark Public Toilet	Bateau Bay	GPT - Skatepark	7	Significant graffiti and social vandalism.	IW: Renovate internal fixtures to meet current standards. Improve CCTV surveillance. MW: After the end of life, renovate the external building envelope and internal fixtures to meet current DDA standards.
							
EE16	BL0539	Wamberal Cemetery Public Toilet	Wamberal	GPT - Cemetery	42	Average condition. Outdated building design envelope. No DDA access.	IW: Facility only opened for ceremonies on site. Low demand. Managed by Personal Services Australia. MW: Demolish existing after end of life. Provide new Type A/Type D (unsewered site)- Local Toilets with DDA parking.
							
EE17	BL0749	Wairakei Road Park Public Toilet	Wamberal	GPT - District	39	No DDA parking. Poor park lighting. Poor and outdated building design envelope.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets along share path with clear sightlines from playground and neighbourhood. Potential to upscale to Type B - District Toilets subject to playspace redevelopment.
							
EE18	BL0655	Wamberal Memorial Hall Public Toilet	Wamberal	GPT - Local, Nature	52	Toilet closed. Parking area requires resurfacing. Poor uneven footpath surface for DDA access. Old and run down building envelope.	IW: The toilets are closed. Demolish existing. Low demand factor - redundant toilets provision. Public toilets available within the Community Hall. Upgrade Community Hall facility to DDA accessible.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

## Notes:

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.



## 2.4.2 Public Toilet (DDA Accessible) Network in The Entrance Area

Overview analysis:

- The general aim of this analysis is to determine whether The Entrance area has sufficient DDA accessible toilets available against the benchmark supply ratio and to identify priority of the implementation whereby a public toilet does not have a compliant DDA toilet facility.
- There are a total of 31 existing public DDA accessible toilets in The Entrance area.
- Out of the 18 existing toilets that were inspected by CM<sup>+</sup> across the The Entrance area, only 13 toilets were accessible under the DDA compliance guidelines.
- Figure 25 denotes the existing toilets that are currently DDA accessible. The non-DDA compliant toilets are noted to be of the highest priority to be upgraded to the current DDA standard - unless the relevant authority deems the site to be unsuitable for accessible toilets.
- To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.

The Entrance Area Benchmark Indicator	
Population in 2022*	69,367
Total existing DDA accessible public toilets	31
Benchmark Indicator existing DDA accessible public toilets per 1000 people	0.45

Table 19: Existing DDA accessible public toilet per 1000 people

THE ENTRANCE AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Typology	Accessible
EE01	BL-0354	Tuggerah Dog Park Public Toilet	General public toilets	No
EE02	BL-0937	Chittaway Point Hall Public Toilet	General public toilets	No
EE03	BL-0138	Bluebell Park Public Toilet	General public toilets	Yes
EE04	BL-0208	Kurraba Oval Public Toilet	General public toilets	Yes
EE05	BL-0273	Lucinda Avenue Public Toilet	General public toilets	Yes
EE06	BL-0218	Long Jetty Lions Park Public Toilet	General public toilets	Yes
EE07	BL-0197	Jubilee Park Public Toilet	General public toilets	Yes
EE08	BL-0201	Karagi Park Public Toilet	General public toilets	Yes
EE09	BL-0329	Walter and Edith Denniss Park Public Toilet	General public toilets	Yes
EE10	BL-0239	Pelicans Wharf (Sensory Gardens) Public Toilet	General public toilets	Yes
EE11	BL-0317	Swadling Reserve Public Toilet	General public toilets	Yes
EE12	BL-0279	North Shelly Beach Public Toilet	General public toilets	Yes
EE13	BL-0300	Shelly Beach Public Toilet	General public toilets	Yes
EE14	BL-0141	Blue Lagoon Public Toilet	General public toilets	No
EE15	BL-0937	EDSACC - Bato Skatepark Public Toilet	General public toilets	Yes
EE16	BL-0539	Wamberal Cemetery Public Toilet	General public toilets	No
EE17	BL-0749	Wairakei Road Park Public Toilet	General public toilets	Yes
EE18	BL-0655	Wamberal Memorial Hall Public Toilet	General public toilets	No

Table 20: Existing DDA accessible inspected public toilets (13 out of 18) in The Entrance area

THE ENTRANCE AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Typology	Accessible
BL-0003	Picnic Point Public Toilet	General public toilets	Yes
BL-0124	Denning Street Carpark Ladies Public Toilet	Town Centre public toilets	Yes
BL-0143	Blue Bay Public Toilet	General public toilets	Yes
BL-0157	Coral Street Carpark Public Toilet	Town Centre public toilets	Yes
BL-0199	Killarney Vale Coles Public Toilet	General public toilets	Yes
BL-0249-PT	Shelly Beach SLSC Public Toilet (Part of the SLSC building)	General public toilets	Yes
BL-0287-PT	Toowoon Bay SLSC Public Toilet (Part of the SLSC building)	General public toilets	Yes
BL-0295	Saltwater Creek Park Public Toilet	General public toilets	Yes
BL-0302	Long Jetty Foreshore Public Toilet - opposite Archbold St	General public toilets	Yes
BL-0303	Long Jetty Foreshore Public Toilet - opposite Gladstan Ave	General public toilets	Yes
BL-0305	The Entrance SLSC Public Toilet	Town Centre public toilets	No
BL-0447	Denning Street Carpark Mens Public Toilet	Town Centre public toilets	Yes
BL-0786	Pacific St Public Toilet	General public toilets	Yes
BL-0827	The Entrance Ocean Baths - Public Toilet	General public toilets	Yes
BL-0925	Kalakau Ave Public Toilet	General public toilets	Yes
BL-0941	North Entrance SLSC Public Toilet	General public toilets	Yes
BL-0967	Azzuro Blu Wharf Toilet	Town Centre public toilets	Yes
BL-1040	Wiles Ave (Wamberal Beach) Public Toilet	General public toilets	Yes
BL-1055	Memorial Park Public Toilet	Town Centre public toilets	Yes

Table 21: Existing DDA accessible public toilets (18 out of 19) in The Entrance area

**THE ENTRANCE  
MAP 01 EXISTING TOILETS DDA ACCESSIBLE**

- Central Coast LGA boundary
- The Entrance boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- T

 Train station and railway line
- Major Roads
- 10 minute walking catchment (600m radius)

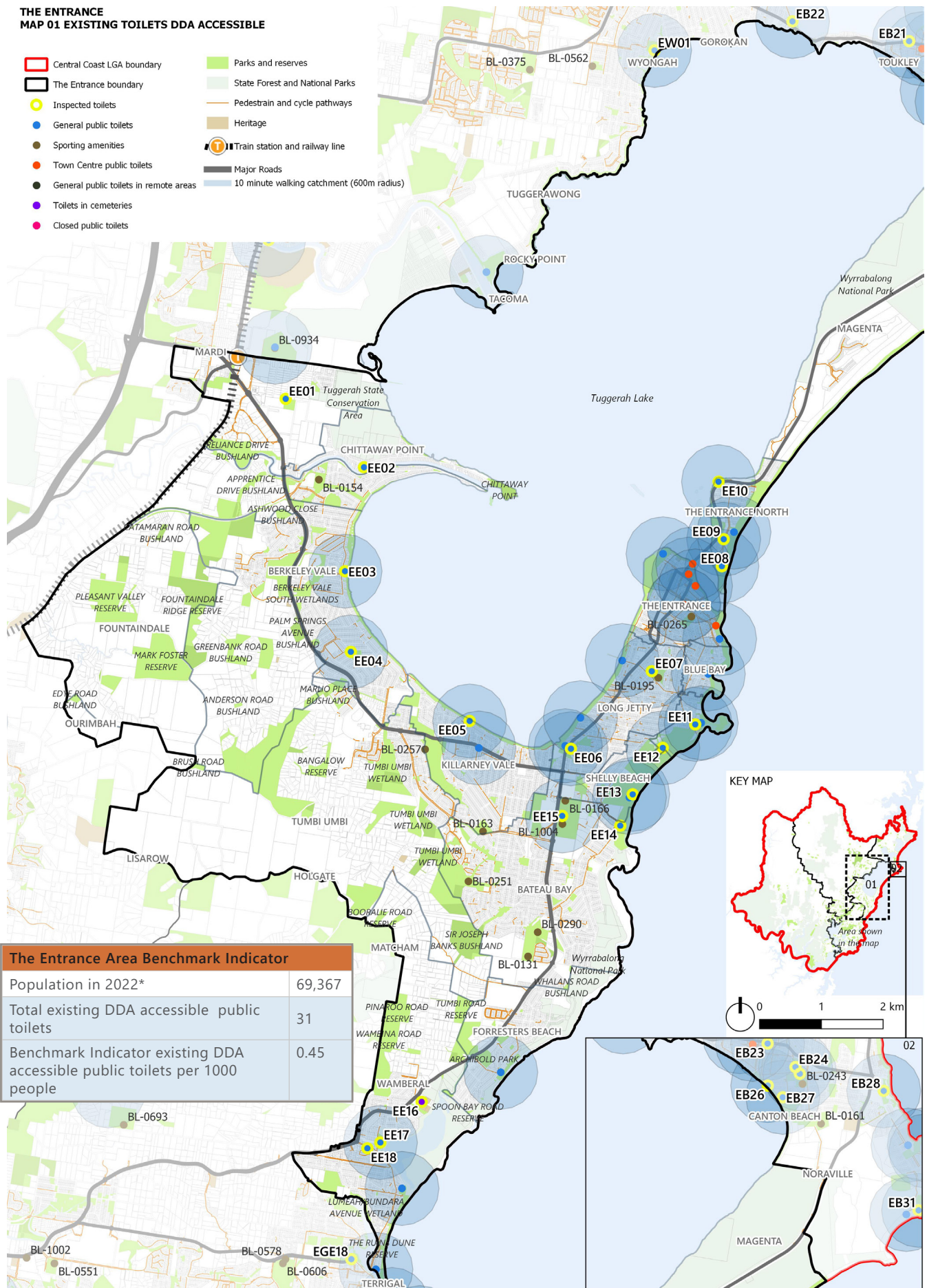


Figure 25: Existing public toilets DDA Accessible Toilets in The Entrance area



## 2.4.3 Public Toilet and Shared Toilet Networks in The Entrance Area

Overview analysis:

- The general aim of this analysis is to show a snapshot of the actual supply of existing public toilets both from Council-owned and publicly accessible toilets across the LGA including those at train stations, shopping malls, libraries, National Parks, campgrounds, tennis clubs, and Council multi-storey carparks. Their inclusion in the assessment aid the team in finding the actual gaps and to be able to fill opportunities for new public toilets..
- There are a total of 52 public toilets in The Entrance area which include the existing (Council-owned) and shared toilets. Out of the aggregated 52 public toilets available, there are 15 additional shared toilets which the public has easy access to.
- Figure 26 shows an additional overlay of shared public toilets spread across major destination areas which include shopping centres at The Entrance, Long Jetty, Bateau Bay, Chittaway Bay, and Tuggerah. There are additional shared public toilets in The Entrance Town Centre. With these additional public toilets, the recommended public toilet ratio to population is achieved.

The Entrance Area Benchmark Indicator	
Population in 2022*	66,357
Total existing public toilets (Council-owned)	37
Total shared toilets	15
TOTAL	52
Benchmark Indicator existing public toilets per 1000 people	0.78

Table 22: Existing and shared toilets per 1000 people

# **THE ENTRANCE** **MAP 01 EXISTING+ SHARED TOILETS**

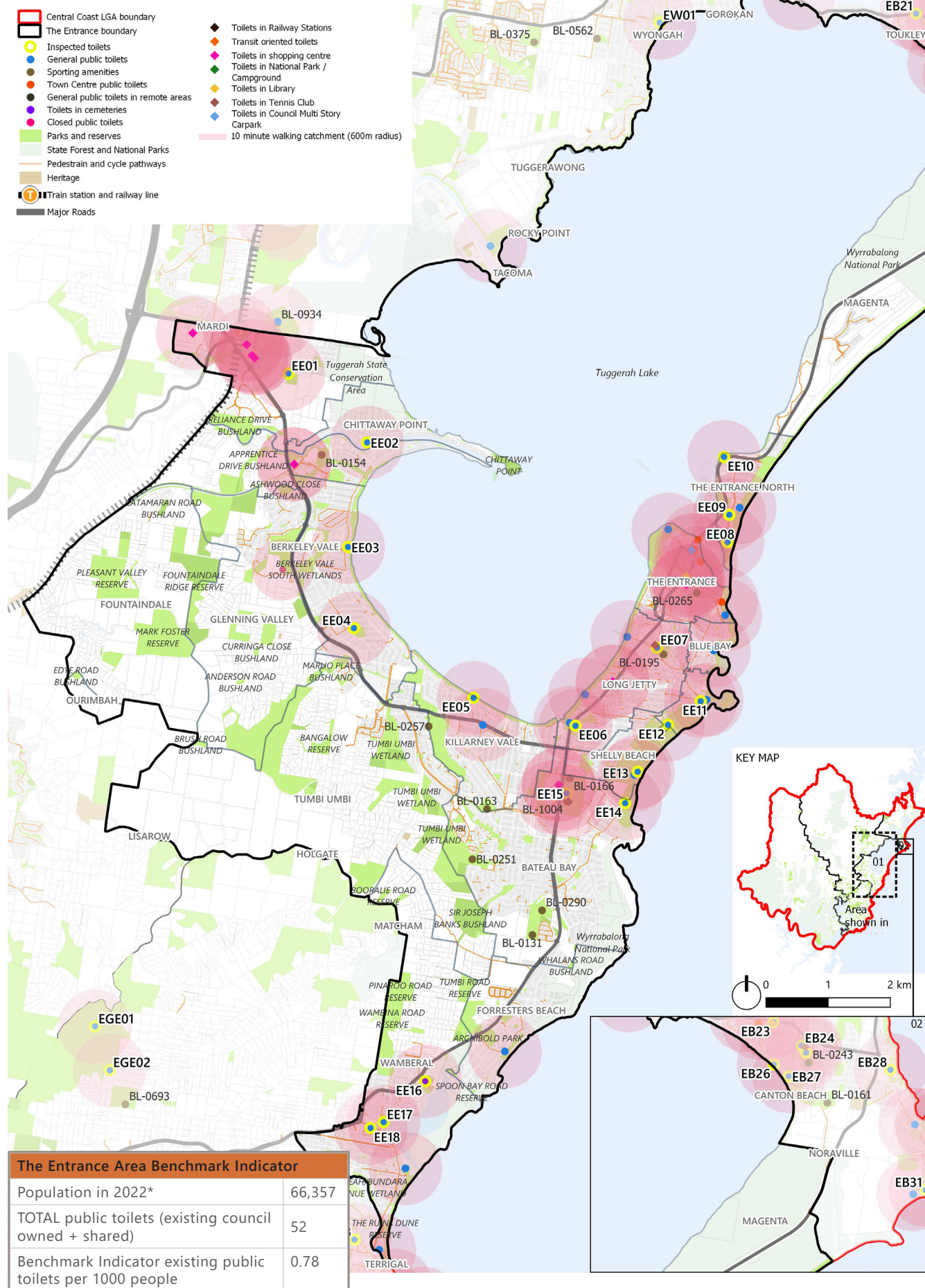


Figure 26: Existing public toilet (Council-Owned) network with Shared Toilets overlay in The Entrance area

## 2.5.1 Public Toilet (Council-owned) Network in Gosford East Area

Overview analysis:

- Out of the 28 existing public toilets across the Gosford East area, 18 are owned by Council and these have been inspected by CM<sup>+</sup> (Table 25). Section 3.1 - Gaps and Opportunities for New Public Toilets provides a summary of a preliminary Implementation Plan. It includes recommendations for potential improvements contingent with Council's assets and operational teams' input.
- The supply of aggregated existing public toilets relative to the population (2022) is below the supply ratio benchmark. There is a need for further work to be conducted to identify future demand relative to population change as an increase in population may require additional public toilets in strategic areas across the LGA.
- Figure 27 reveals that the majority of the existing public toilets are distributed in greenbelts on coastal areas. The majority of gaps are in the vicinity of reserve areas.

Gosford East Area Benchmark Indicator	
Population in 2022*	67,639
Total existing public toilets	28
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.41
<b>Total existing public toilets and sports amenity buildings</b>	<b>36</b>
Benchmark Indicator existing public toilets and sporting amenities (Public toilet blocks per 1000 people)	0.53

Table 23: Existing public toilet per 1000 people

GOSFORD EAST AREA SPORTS AMENITY BUILDINGS			
Building ID	Name	Suburb	Typology
BL-0526	Frost Reserve Amenities Building	Kincumber	Sporting amenities
BL-0551	Erina Oval Amenities	Erina	Sporting amenities
BL-0578	Duffys Oval Soccer Amenities/Clubhouse	Terrigal	Sporting amenities
BL-0606	Terrigal Rugby League Clubhouse (Duffy's Rd)	Terrigal	Sporting amenities
BL-0663	Patrick Croke Oval Amenities	Kincumber	Sporting amenities
BL-0689	Mackillop Oval Amenities Building (Partial Lease by the Colts)	Kincumber South	Sporting amenities
BL-0693	Paul Oval Amenities Building	Holgate	Sporting amenities
BL-1002	Erina High School Amenities Building	Erina	Sporting amenities

Table 24: Existing sports amenity buildings (8) in the Gosford East area



**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED**

NO.	Building ID	Name	Suburb	Typology
EGE01	BL-0659	Mount Elliot (St Johns Lookout) Public Toilets	Holgate	General public toilets
EGE02	BL-0888	Katandra Reserve Public Toilet	Holgate	General public toilets
EGE03	BL-0528	Jirramba Park Public Toilet	Saratoga	General public toilets
EGE04	BL-0706	Saratoga Oval Public Toilet (Part of the sportsground amenities)	Saratoga	General public toilets
EGE05	BL-0601	Davistown Memorial Oval Public Toilet	Davistown	General public toilets
EGE06	BL-0656-PT	Empire Bay Tennis Clubhouse Public Toilet (Part of the clubhouse)	Empire Bay	General public toilets
EGE07	BL-0520	Killcare Wharf Public Toilet - Opposite Killcare Rd	Killcare	General public toilets
EGE08	BL-0541	Hardys Bay Public Toilet - Opposite 170 Araluen Dr	Killcare	General public toilets
EGE09	BL-0536	Pretty Beach Public Toilet	Pretty Beach	General public toilets
EGE10	BL-0594-PT	Pretty Beach Tennis Public Toilet (Part of the Clubhouse)	Pretty Beach	General public toilets
EGE11	BL-0533	Wagstaffe Hall Public Toilet	Wagstaffe	General public toilets
EGE12	BL-0705-PT	Killcare SLSC Public Toilet	Killcare	General public toilets
EGE13	BL-0560-PT	Copacabana Tennis Clubhouse Public Toilet (Part of the clubhouse)	Copacabana	General public toilets
EGE14	BL-0780	The Point Public Toilet	Avoca Beach	General public toilets
EGE15	BL-0545	Ficus Avenue Public Toilet	Avoca Beach	General public toilets
EGE16	BL-0603-PT	North Avoca SLSC (Part of the SLSC building)	North Avoca	General public toilets
EGE17	BL-1056	Terrigal SLSC Public Toilet	Terrigal	General public toilets
EGE18	BL-0993	Terrigal Pump Station Public Toilet (Adjacent Fire Station)	Terrigal	General public toilets

Table 25: Existing inspected public toilets (18) in the Gosford East area

**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)**

Building ID	Name	Suburb	Typology
BL-0701-PT	Copacabana SLSC Public Toilet (Part of the SLSC Club)	Copacabana	General public toilets
BL-0721	Seabreeze Avenue Park Public Toilet	Kincumber	General public toilets
BL-0777	Kincumba Mountain Reserve Public Toilet	Green Point	General public toilets
BL-0785	Terry Oval Public Toilet	Springfield	General public toilets
BL-0809	Davistown Waterfront Public Toilet (Restella Ave)	Davistown	General public toilets
BL-0847	The Haven Public Toilet	Terrigal	General public toilets
BL-0924	Heazlett Park Amenities/Public ToiletRowing Club Storage Building	Avoca Beach	General public toilets
BL-0927	Pine Ave (Illoura Reserve) Public Toilet	Davistown	General public toilets
BL-1019	Sun Valley Park Public Toilet	Green Point	General public toilets
BL-1036	Benavie Reserve MacMasters Beach Public Toilet	MacMasters Beach	General public toilets

Table 26: Existing public toilets (10) in the Gosford East area

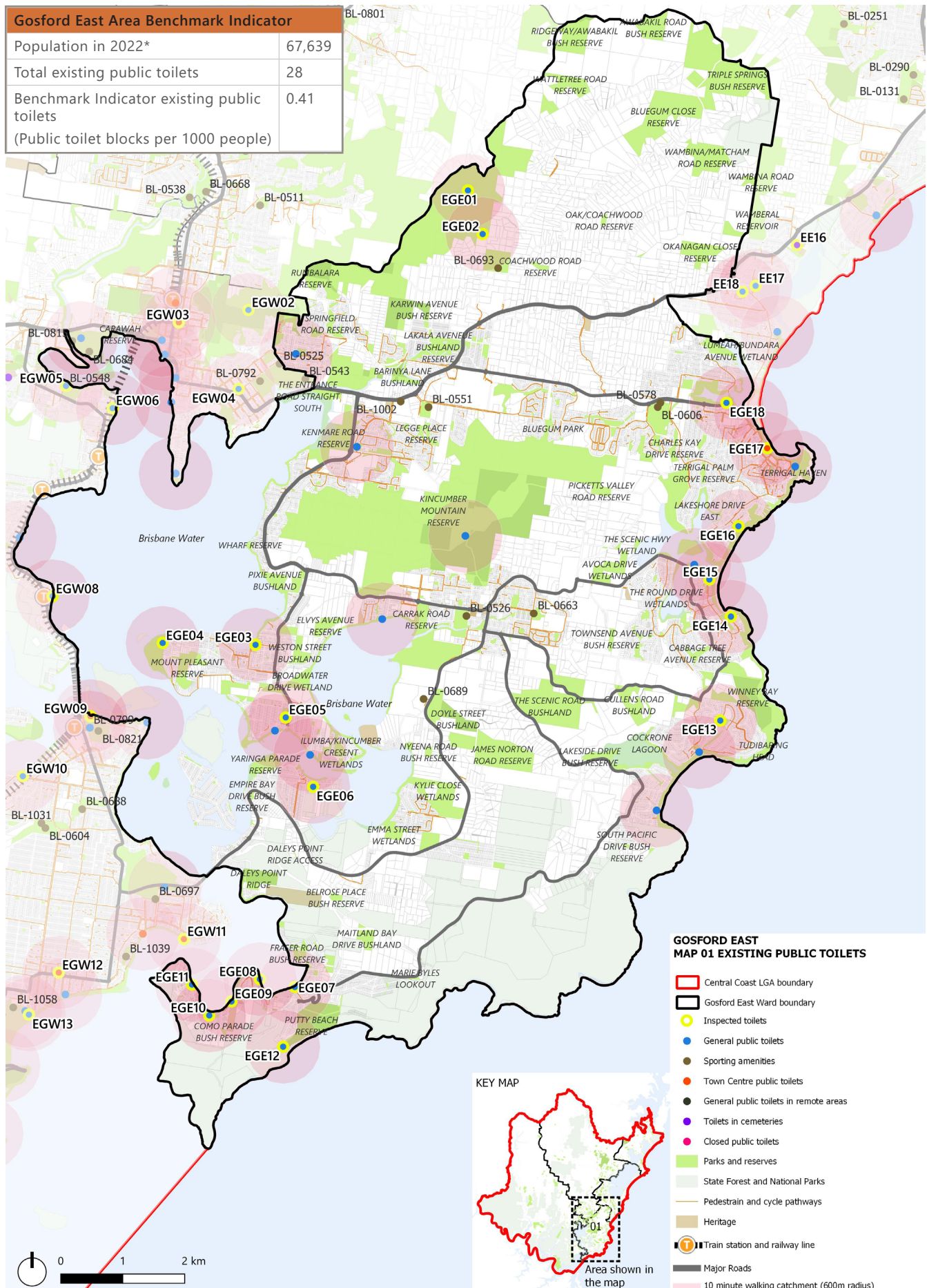




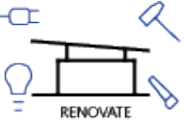

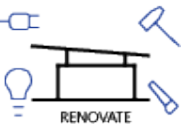









Figure 27: Existing public toilets in the Gosford East area





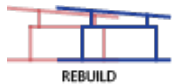

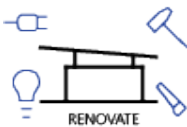

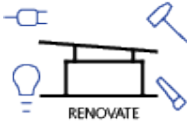

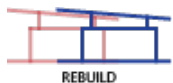

Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

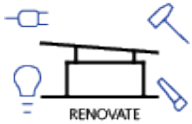



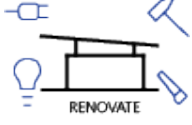
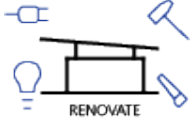



GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)							
No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE01	BL0659	Mount Elliot Public Toilet	Holgate	GPT - Reserve	32	Poor surveillance. Average condition. Aged fixtures, interior and exterior. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A or Type D (unsewered site) - Local Toilets orientated towards DDA parking and picnic area in compliance with the required BAL (Bushfire Attack Level) construction.
							
EGE02	BL0888	Katandra Reserve Public Toilet	Holgate	GPT - Reserve	32	Poor surveillance. Average condition. Aged fixture, interior and exterior. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A or Type D (unsewered site) - Local Toilets facing the parking in compliance with the required BAL construction.
							
EGE03	BL0528	Jirramba Park Public Toilet	Saratoga	GPT - Local	32	No DDA toilet or parking. Parking area requires resurfacing. Poor internal lighting. Aged and outdated fixture. Social vandalism.	IW: Ongoing maintenance till end of life. MW: Convert interior to two DDA unisex toilet compartments. Renovate internal fixtures to meet DDA standards. Upgrade and repaint building exterior. Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Provide accessible parking and access.
							
EGE04	BL0706	Saratoga Oval Public Toilet	Saratoga	GPT - Local, Tennis Court, Cricket Oval	43	Graffiti vandalism. Average hygienic condition. Aged fixtures and outdated interior and exterior.	IW: Ongoing maintenance till end of life. MW: Renovate internal fixtures to meet current standards after end of life.
							
EGE05	BL0601	Davistown Memorial Oval Public Toilet	Davistown	GPT - Nature, Dog OLA (Proposed)	32	Graffiti vandalism. Average hygienic condition. Aged fixtures and outdated interior and exterior. DDA non-compliance.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets facing street enabling passive surveillance from neighbours.
							
EGE06	BL0656PT	Empire Bay Tennis Clubhouse Public Toilet	Empire Bay	GPT - District, Tennis Courts	42	Aged fixtures and outdated interior and exterior. Poor interior lighting.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing car park with clear sightline from picnic area.
							
EGE07	BL0520	Killcare Wharf Public Toilet	Killcare	GPT - Wharf, Nature	37	Overgrown landscape. Poor surveillance. Aged fixtures and outdated interior and exterior. No DDA toilets.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local or Type B - District Toilets facing street enabling passive surveillance from neighbours, (Subject to the site's spatial constraints)
							



**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE08	BL0541	Hardys Bay Public Toilet	Killcare	GPT - Jetty, Nature	73	High flooding zone. No internal lights. Due to site topography, non accessible toilet. Aged fixtures and run down interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets. Public toilets available at Killcare Wharf (EGE07) 850m away and Pretty Beach Public Toilet (EGE09) 850m away.
							
EGE09	BL0536	Pretty Beach Public Toilet	Pretty Beach	GPT - Tidal bath, boat ramp	52	Toilets and bath house are run down and in poor hygienic condition. Aged fixtures. Poor surveillance.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets and the bath house 50m away after end of life. Relocate new Type A - Local Toilets facing the tidal bath and street front ensuring passive surveillance from school and neighbours. Integrate the bus stop to the toilets design.
							
EGE10	BL0594PT	Pretty Beach Tennis Public Toilet	Pretty Beach	GPT - Local, tennis court	43	Significant salt attack to existing brickwork. Significant graffiti vandalism. Inaccessible DDA toilet and connection. Poor hygienic condition. Aged and outdated fixtures. Resurfacing road work required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing street with DDA street parking ensuring passive surveillance from neighbours.
							
EGE11	BL0533	Wagstaffe Hall Public Toilet	Wagstaffe	GPT - Wharf	32	Clean and well maintained. Outdated and non-compliant DDA fixtures	IW: Renovate internal fixtures to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE12	BL0705PT	Killcare SLSC Public Toilet	Killcare	GPT - Beach	17	Clean and well maintained. Non-compliant DDA fixtures.	IW: Upgrade non-compliant DDA fixtures to meet current standards. MW: After end of life renovate interior fixtures to meet current standards. Improve CCTV surveillance.
							
EGE13	BL0560PT	Copacabana Tennis Clubhouse Public Toilet	Copacabana	GPT - District tennis courts	35	No DDA toilets and parking. In distance from parking. Aged fixture.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing playground and tennis courts with pathway access to DDA street parking.
							

# GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE14	BL0780	The Point Public Toilet	Avoca Beach	 GPT: District, beach	8	Accessible toilets comply with current standard. Facade screen is semi permeable. Requires more external and park lights at night.	IW: Ongoing maintenance till end of life. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE15	BL0545	Ficus Avenue Public Toilet	Avoca Beach	 GPT: District, Beach	63	No DDA toilet or accessible parking. Social and graffiti vandalism. Poor hygienic and outdated fixtures, interior and exterior conditions.	MW: Demolish existing. Provide new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) with two storage areas facing the car park and Ficus Avenue crossing. Good passive surveillance from neighbours and cafés.
							
EGE16	BL0603PT	North Avoca SLSC	North Avoca	 GPT: Beach	54	No accessible parking. Parking resurfacing required. The building ramp height clearance is non-compliant. Average condition. Aged and outdated fixtures and interior.	IW: Renovate internal fixtures and interior to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE17	BL1056	Terrigal SLSC Public Toilet	Terrigal	 GPT: Beach	15	Good surveillance. Wear and tear to existing fixtures and interior.	IW: Renovate internal fixtures and interior to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE18	BL0993	Terrigal Pump Station Public Toilet	Terrigal	 GPT - District, skatepark	42	Poor surveillance. Extreme poor interior lighting. No DDA toilets and parking. Graffiti vandalism. Aged and outdated fixtures and interior.	MW: Closure of existing. Provide new Type B - District Toilets and locate adjacent Terrigal Rotary Park, facing street angle parking and Terrigal Drive with clear sightlines to playground. Good passive surveillance from neighbours.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

## Notes:

- “End of life” in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## 2.5.2 Public Toilet (DDA Accessible) Network in Gosford East Area

Overview analysis:

- The general aim of this analysis is to determine whether the Gosford East area has sufficient DDA accessible toilets available against the benchmark supply ratio and to identify priority of the implementation whereby a public toilet does not have a compliant DDA toilet facility.
- There are a total of 17 existing public DDA accessible toilets in the Gosford East Area.
- Out of the 18 existing toilets that were inspected by CM<sup>+</sup> across the Gosford East area, only 8 toilets were accessible under the DDA compliance guidelines.
- Figure 28 denotes the existing toilets that are currently DDA accessible. The non-DDA compliant toilets are noted to be of the highest priority to be upgraded to the current DDA standard - unless the relevant authority deems the site to be unsuitable for an accessible toilet.
- To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.

Gosford East Area Benchmark Indicator	
Population in 2022*	69,367
Total existing DDA accessible public toilets	17
Benchmark Indicator existing DDA accessible public toilets per 1000 people	0.25

Table 27: Existing DDA accessible public toilet per 1000 people



GOSFORD EAST AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Typology	Accessible
EGE01	BL-0659	Mount Elliot (St Johns Lookout) Public Toilet	General public toilets	No
EGE02	BL-0888	Katandra Reserve Public Toilet	General public toilets	Yes
EGE03	BL-0528	Jirramba Park Public Toilet	General public toilets	No
EGE04	BL-0706	Saratoga Oval Public Toilet (Part of the sports ground amenities)	General public toilets	Yes
EGE05	BL-0601	Davistown Memorial Oval Public Toilet	General public toilets	No
EGE06	BL-0656-PT	Empire Bay Tennis Clubhouse Public Toilet (Part of the clubhouse)	General public toilets	No
EGE07	BL-0520	Killcare Wharf Public Toilet - Opposite Killcare Rd	General public toilets	No
EGE08	BL-0541	Hardys Bay Public Toilet - Opposite 170 Araluen Dr	General public toilets	No
EGE09	BL-0536	Pretty Beach Public Toilets	General public toilets	No
EGE10	BL-0594-PT	Pretty Beach Tennis Public Toilet (Part of the Clubhouse)	General public toilets	Yes
EGE11	BL-0533	Wagstaffe Hall Public Toilet	General public toilets	Yes
EGE12	BL-0705-PT	Killcare SLSC Public Toilet	General public toilets	Yes
EGE13	BL-0560-PT	Copacabana Tennis Clubhouse Public Toilet (Part of the clubhouse)	General public toilets	No
EGE14	BL-0780	The Point Public Toilet	General public toilets	Yes
EGE15	BL-0545	Ficus Avenue Public Toilet	General public toilets	No
EGE16	BL-0603-PT	North Avoca SLSC (Part of the SLSC building)	General public toilets	Yes
EGE17	BL-1056	Terrigal SLSC Public Toilet	General public toilets	Yes
EGE18	BL-0993	Terrigal Pump Station Public Toilet (Adjacent Fire Station)	General public toilets	No

Table 28: Existing DDA accessible inspected public toilets (8 out of 18) in the Gosford East area

GOSFORD EAST AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Typology	Accessible
BL-0701-PT	Copacabana SLSC Public Toilet(Part of the SLSC Club)	General public toilets	Yes
BL-0721	Seabreeze Avenue Park Public Toilet	General public toilets	No
BL-0777	Kincumba Mountain Reserve Public Toilet	General public toilets	Yes
BL-0785	Terry Oval Public Toilet	General public toilets	Yes
BL-0809	Davistown Waterfront Public Toilet (Restella Ave)	General public toilets	Yes
BL-0847	The Haven Public Toilet	General public toilets	Yes
BL-0924	Heazlett Park Amenities/Public Toilet/Rowing Club Storage Building	General public toilets	Yes
BL-0927	Pine Ave (Illoura Reserve) Public Toilet	General public toilets	Yes
BL-1019	Sun Valley Park Public Toilet	General public toilets	Yes
BL-1036	Benavie Reserve MacMasters Beach Public Toilet	General public toilets	Yes

Table 29: Existing DDA accessible public toilets (9 out 10) in the Gosford East area

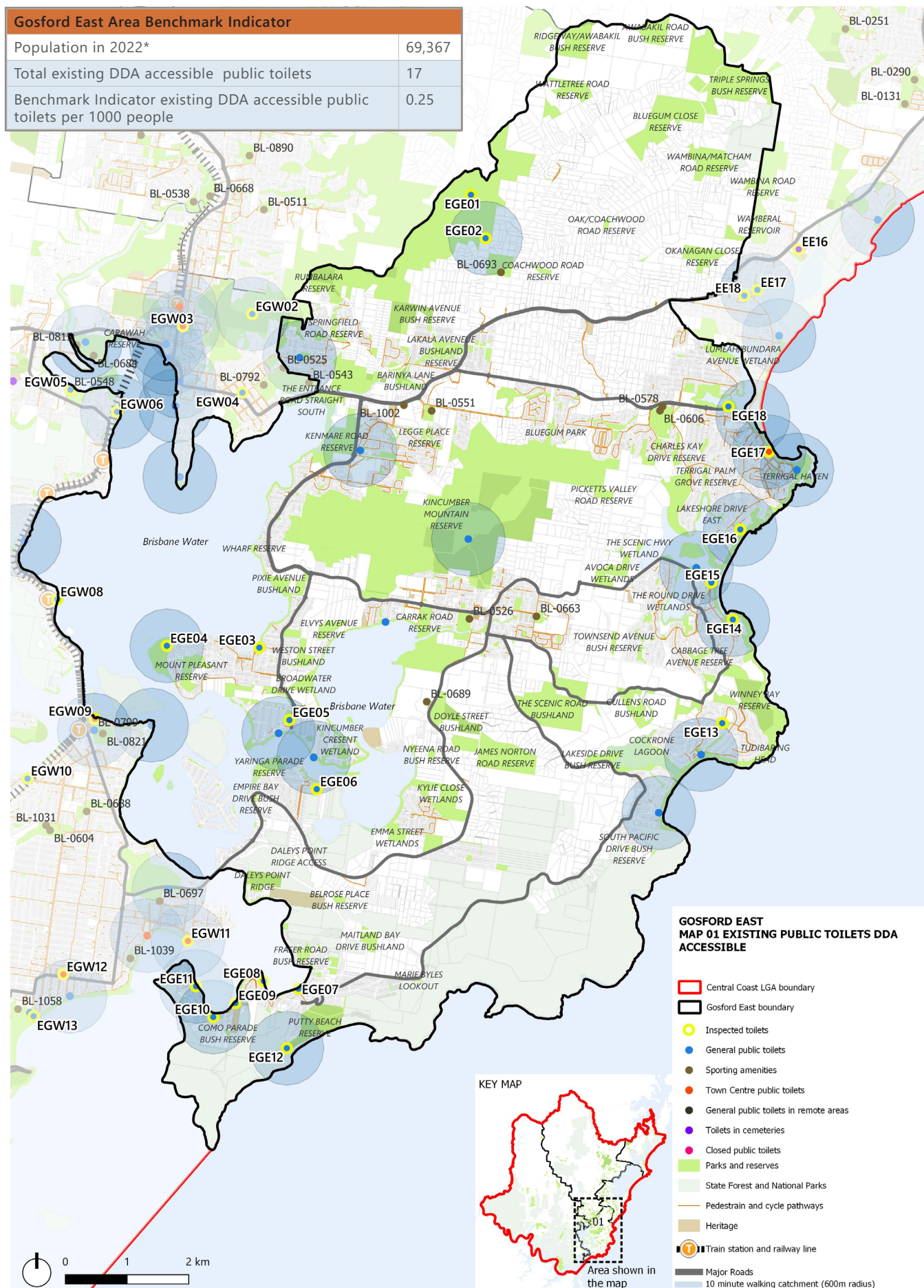


Figure 28: Existing public toilets DDA Accessible Toilets in the Gosford East area

## 2.5.3 Public Toilet and Shared Toilet Networks in Gosford East Area

Overview analysis:

- The general aim of this analysis is to show a snapshot of the actual supply of existing public toilets both from Council-owned and publicly accessible toilets across the LGA which includes those at train stations, shopping malls, libraries, National Parks, campgrounds, tennis clubs, and Council multi storey carpark. Its inclusion in the assessment aid the team in finding the actual gaps and be able to fill in by identifying opportunities of new public toilets.
- There are a total of 46 public toilets in the Gosford East area which include the existing (Council-owned) and shared toilets. Out of the aggregated 46 public toilets available, there are 18 additional shared toilets which the public has easy access to.
- Figure 29 shows an additional overlay of shared public toilets in shopping centres such as in Green Point, Erina, Kincumber, and Saratoga. Terrigal Town Centre also provides additional public toilets. With these additional public toilets, the recommended public toilet ratio to population is sufficiently achieved.

Gosford East Area Benchmark Indicator	
Population in 2022*	67, 639
Total existing public toilets (Council-owned)	28
Total shared toilets	18
TOTAL	46
Benchmark Indicator existing public toilets per 1000 people	0.68

Table 30: Existing and shared toilets per 1000 people



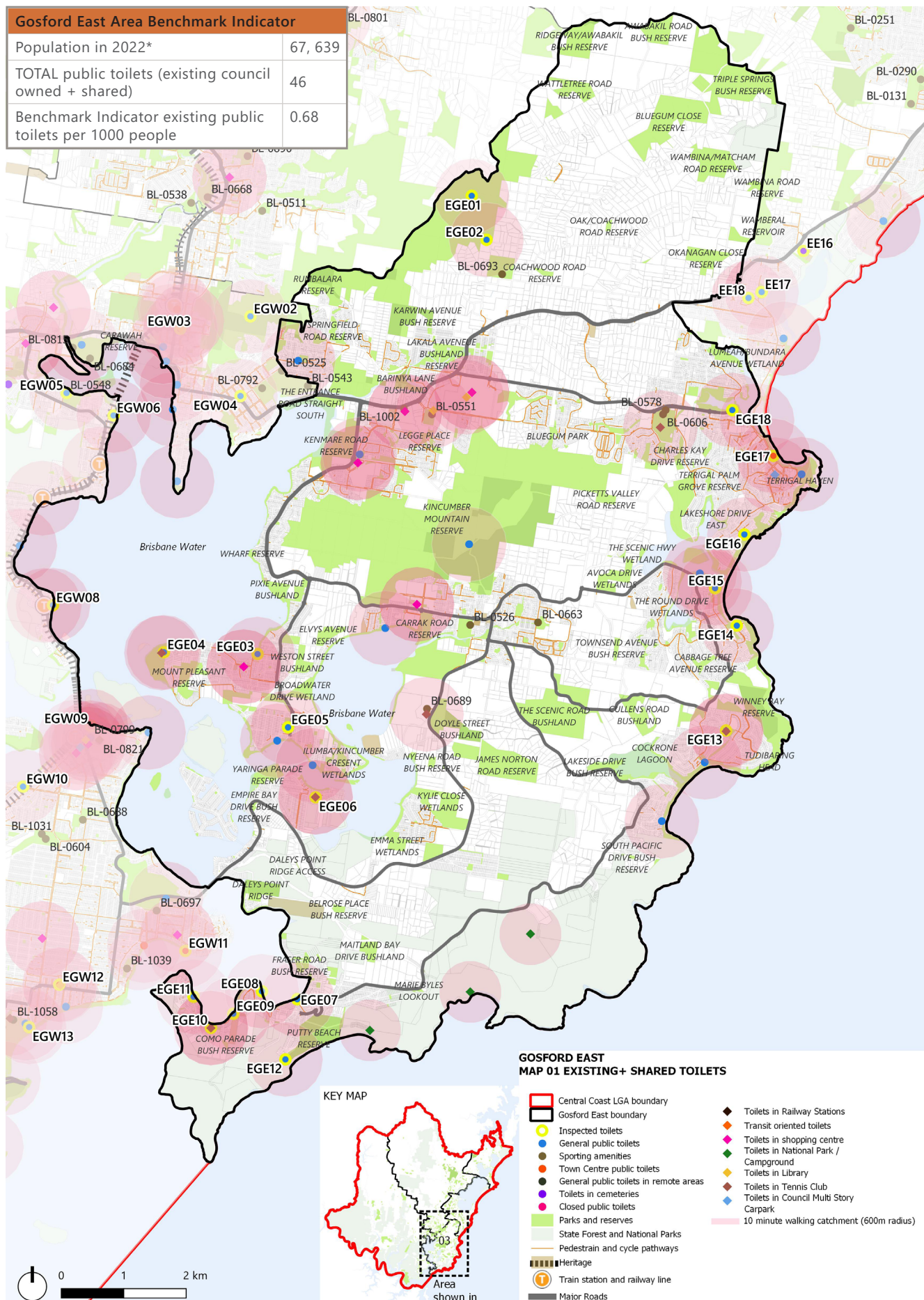


Figure 29: Existing public toilet(Council-Owned) network with Shared Toilets overlay in the Gosford East area

## 2.6.1 Public Toilet (Council-owned) Network in Gosford West Area

Overview analysis:

- Out of the 37 existing public toilets across the Gosford West area, 15 public toilets which are owned by Council have been inspected by CM<sup>+</sup> (Table 33). Section 3.1 - Gaps and Opportunities for New Public Toilets provides a summary of a preliminary Implementation Plan. It includes recommendations for potential improvements contingent with Council's assets and operational teams' input.
- The supply of aggregated existing public toilets relative to the population (2022) is sufficient against the supply ratio benchmark. There is a need for further work to be conducted to identify future demand relative to population change as an increase in population may require additional public toilets in strategic areas across the LGA.
- Figures 30-35 reveal that the majority of the existing public toilets are concentrated in the vicinity of the activity centres of Gosford West along the coast at Point Frederick, Koolewong, Woy Woy, Blackwall, Pretty Beach, Wagstaffe, Pearl Beach, and Hardys Bay. Further detail studies may be needed to determine whether the remote areas of the western edge of the Gosford West area require public toilets.

Gosford West Area Benchmark Indicator	
Population in 2022*	69, 702
Total existing public toilets	37
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.53
<b>Total existing public toilets and sports amenity buildings</b>	<b>55</b>
Benchmark Indicator existing public toilets and sporting amenities (Public toilet blocks per 1000 people)	0.79

Table 31: Existing public toilet per 1000 people

GOSFORD WEST AREA SPORTS AMENITY BUILDINGS			
Building ID	Name	Suburb	Typology
BL-0308	Sohier Park Grandstand and Amenities	Ourimbah	Sporting amenities
BL-0525	Hylton Moore Oval Amenities Building (New Baseball)	East Gosford	Sporting amenities
BL-0543	Hylton Moore Oval Amenities Building - Baseball Park	East Gosford	Sporting amenities
BL-0548	Fagans Park Point Clare Public Toilet	Point Clare	Sporting amenities
BL-0565	McEvoy Oval Amenities	Umina Beach	Sporting amenities
BL-0604	Rogers Park Amenities	Woy Woy	Sporting amenities
BL-0684	Adcock Park - Cycling/Athletics Amenities	West Gosford	Sporting amenities
BL-0688	James Browne Oval Amenities/Soccer Clubhouse	Woy Woy	Sporting amenities
BL-0697	Ettalong Oval Amenities	Ettalong Beach	Sporting amenities
BL-0764	Kariong Community Youth and Sports Amenities Centre 'The Hill'	Kariong	Sporting amenities
BL-0792	Hylton Moore Oval Amenities Near Wattle St	East Gosford	Sporting amenities
BL-0799	Woy Woy Oval Grandstand	Woy Woy	Sporting amenities
BL-0815	Adcock Park - AFL/Cricket Amenities (Storeroom Use Only 2021)	West Gosford	Sporting amenities
BL-0821	Amenities Block Austin Butler Oval	Woy Woy	Sporting amenities
BL-1031	Rogers Park - Amenities (2022)	Woy Woy	Sporting amenities
BL-1039	Lemon Grove Park Clubhouse and Amenities (2022)	Umina Beach	Sporting amenities
BL-1057	Umina Oval Etta Road Amenities Building (PRP) (2023)	Umina Beach	Sporting amenities
BL-1058	Umina Oval League amenities (2023)	Umina Beach	Sporting amenities

Table 32: Existing sports amenity buildings (18) in the Gosford West area

GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Suburb	Typology
EGW01	BL-0724	Somersby Public Toilet	Somersby	General public toilets in remote areas
EGW02	BL-0574	Rumbalara Public Toilet	Springfield	General public toilets
EGW03	BL-0908	Kibble Park Public Toilet (Gosford Library)	Gosford	Town Centre public toilets
EGW04	BL-0675	Althope Street Carpark Public Toilet	East Gosford	General public toilets
EGW05	BL-0548	Fagans Park Point Clare Public Toilet	Point Clare	General public toilets
EGW06	BL-0719	Goodwayang Reserve Public Toilet	Point Clare	General public toilets
EGW07	BL-0940	Kariong Community Hall Public Toilet	Kariong	General public toilets
EGW08	BL-0523	Couche Park Public Toilet	Koolewong	General public toilets
EGW09	BL-0572	Woy Woy Tidal Baths Public Toilet	Woy Woy	Town Centre public toilets
EGW10	BL-0600	Stoney Park Public Toilet	Woy Woy	General public toilets
EGW11	BL-0755	Ferry Road Public Toilet	Ettalong Beach	Town Centre public toilets
EGW12	BL-0845	Bullion Street Public Toilet	Umina Beach	Town Centre public toilets
EGW13	BL-0605	Umina Beach Public Toilet	Umina Beach	General public toilets
EGW14	BL-0555	Mount Ettalong Public Toilet	Umina Beach	General public toilets
EGW15	BL-0557	Pearl Parade Public Toilet	Pearl Beach	General public toilets

Table 33: Existing inspected public toilets (15) in the Gosford West area

GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Suburb	Typology
BL-0587	Patonga Foreshore Public Toilet (Managed By Campground)	Patonga	General public toilets
BL-0665	Correa Bay Reserve Public Toilet	Woy Woy	Closed public toilets
BL-0694	Point Clare Cemetery Public Toilet	Point Clare	Toilets in cemeteries
BL-0717	Eve Williams Oval Public Toilet	Patonga	General public toilets
BL-0726	Peninsular Recreation Precinct (PRP) Public Toilet	Umina Beach	General public toilets
BL-0728-PT	Ocean Beach SLSC Public Toilet	Umina Beach	General public toilets
BL-0732	Waratah Road Public Toilet	Mangrove Mountain	General public toilets in remote areas
BL-0733	Gosford Sailing Club (Florence Avenue) Public Toilet	Gosford	General public toilets
BL-0735	Amenities Building next to Gosford Pool	Gosford	General public toilets
BL-0758	Poppy Park Public Toilet	Gosford	General public toilets
BL-0796	Kitchener Park Public Toilet	Blackwall	General public toilets
BL-0797	Lions Park Public Toilet	Woy Woy	General public toilets
BL-0799-PT	Woy Woy Oval Grandstand Public Toilet	Woy Woy	General public toilets
BL-0802	Pioneer Park Public Toilet	Point Frederick	General public toilets
BL-0810	Deerubbun Reserve Public Toilet	Mooney Mooney	General public toilets in remote areas
BL-0812	Koolewong Waterfront Reserve Public Toilet	Tascott	General public toilets
BL-0846	Gosford Tourist Information Centre Public Toilet	Gosford	Town Centre public toilets
BL-0936	Bar Point Public Toilet	Bar Point	General public toilets in remote areas
BL-0938	Ettalong Beach Reserve Public Toilet (Opposite Beach St)	Ettalong Beach	Town Centre public toilets
BL-1007-PT	Adcock Park Public Toilet (Part of the amenities building)	West Gosford	General public toilets
BL-1009	Leagues Club Waterfront Park Public Toilet	Gosford	General public toilets
BL-1051	Spencer Waterfront Public Toilet	Spencer	General public toilets in remote areas

Table 34: Existing public toilets (22) in the Gosford West area



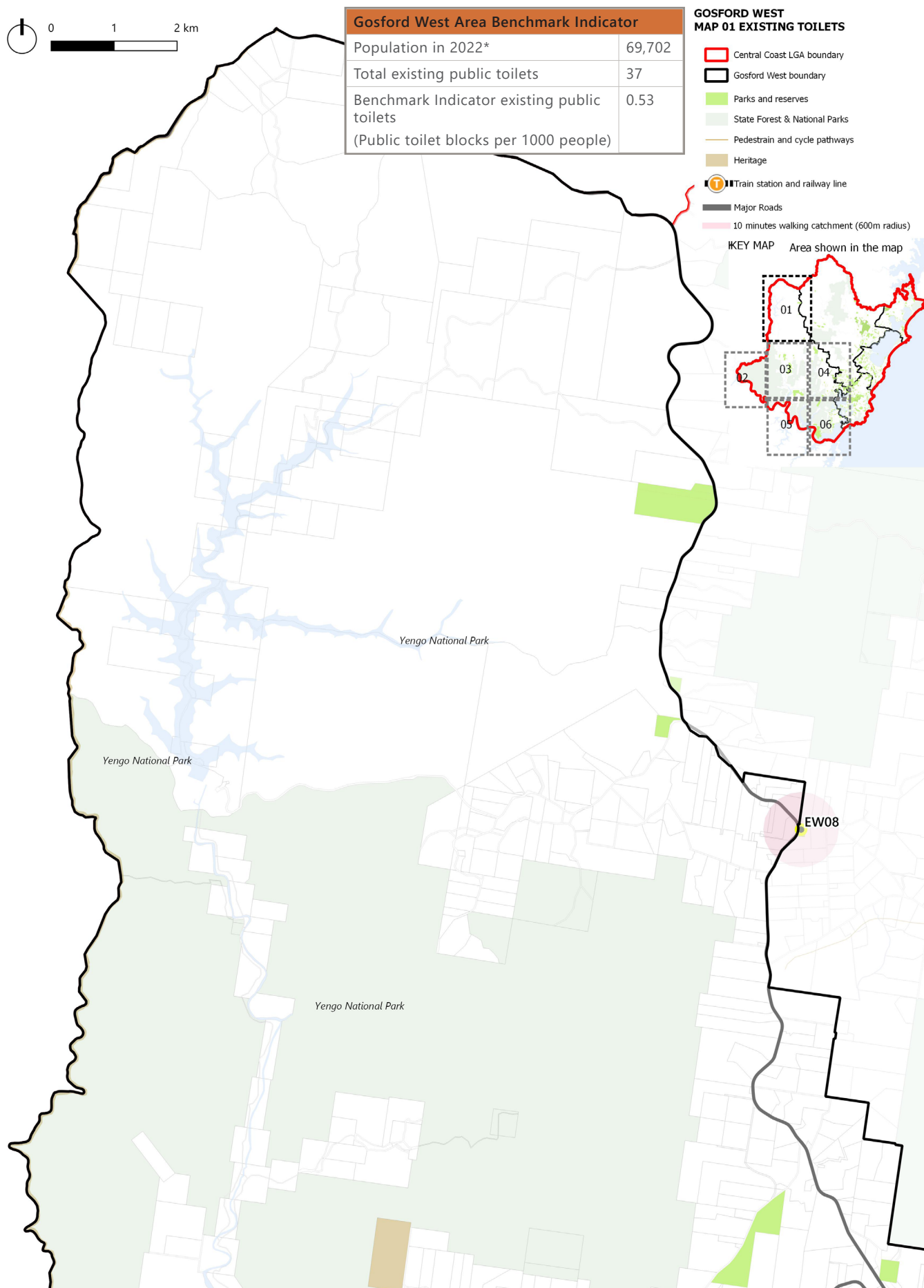


Figure 30: Existing public toilets in the Gosford West area

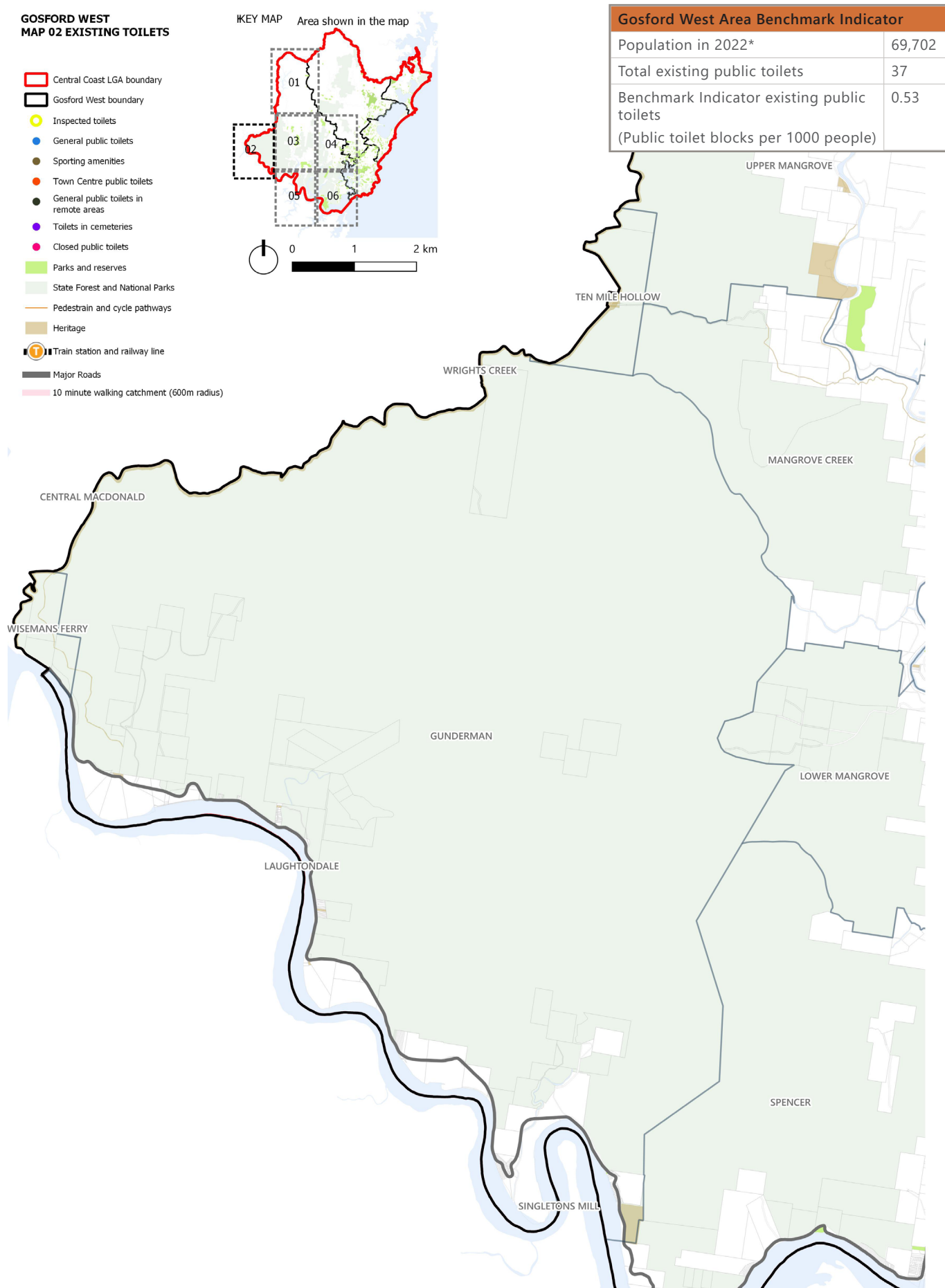
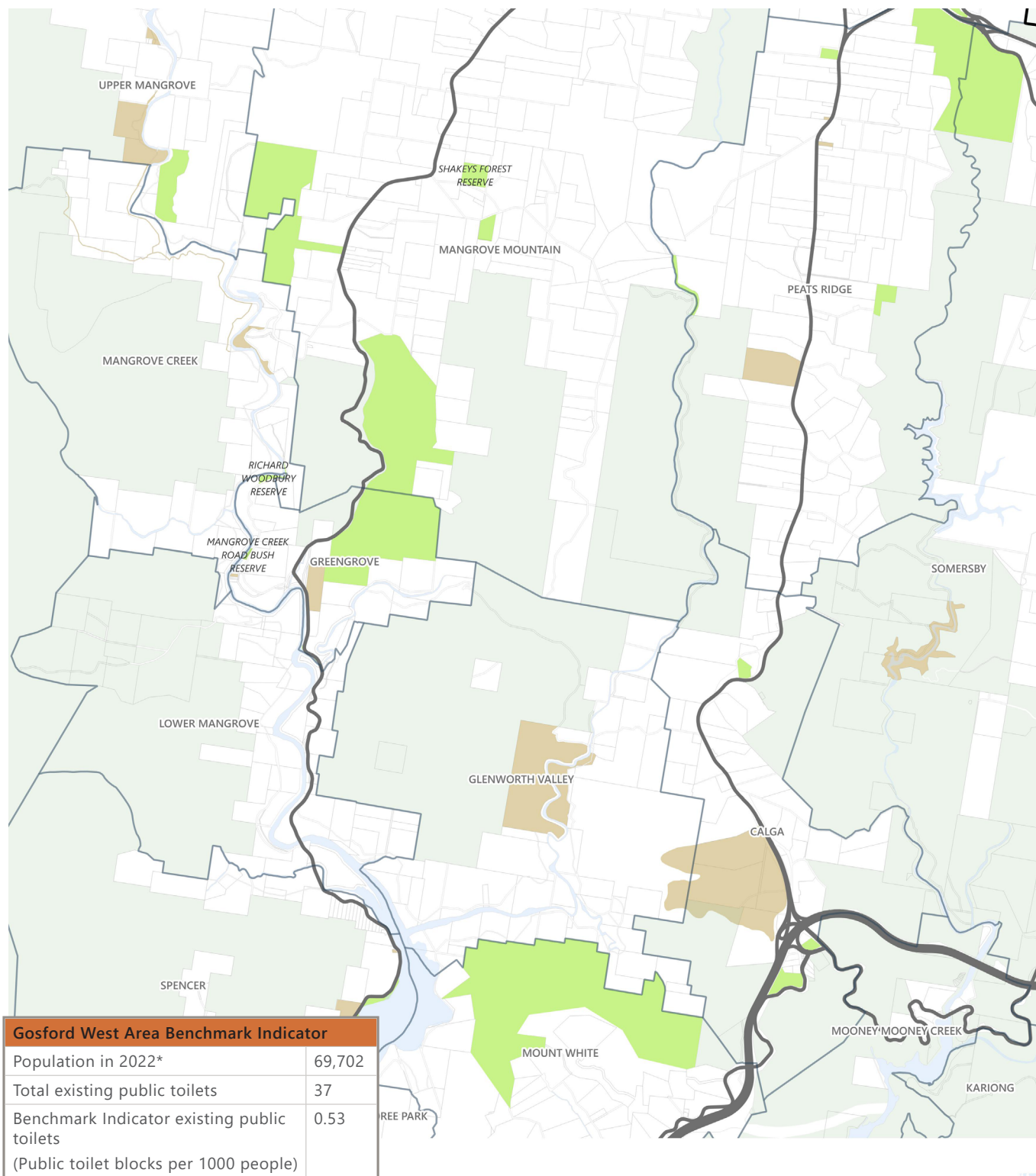


Figure 31: Existing public toilets in the Gosford West area  
CENTRAL COAST PUBLIC TOILET STRATEGY



**GOSFORD WEST  
MAP 03 EXISTING TOILETS**

- ▬ Central Coast LGA boundary
- ▬ Gosford West boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- Train station and railway line
- ▬ Major Roads
- ▬ 10 minute walking catchment (600m radius)

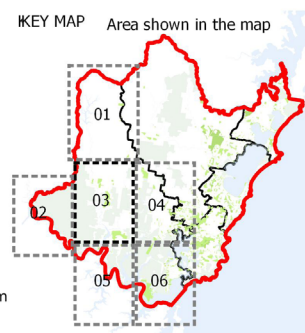


Figure 32: Existing public toilets in the Gosford West area  
CENTRAL COAST PUBLIC TOILET STRATEGY



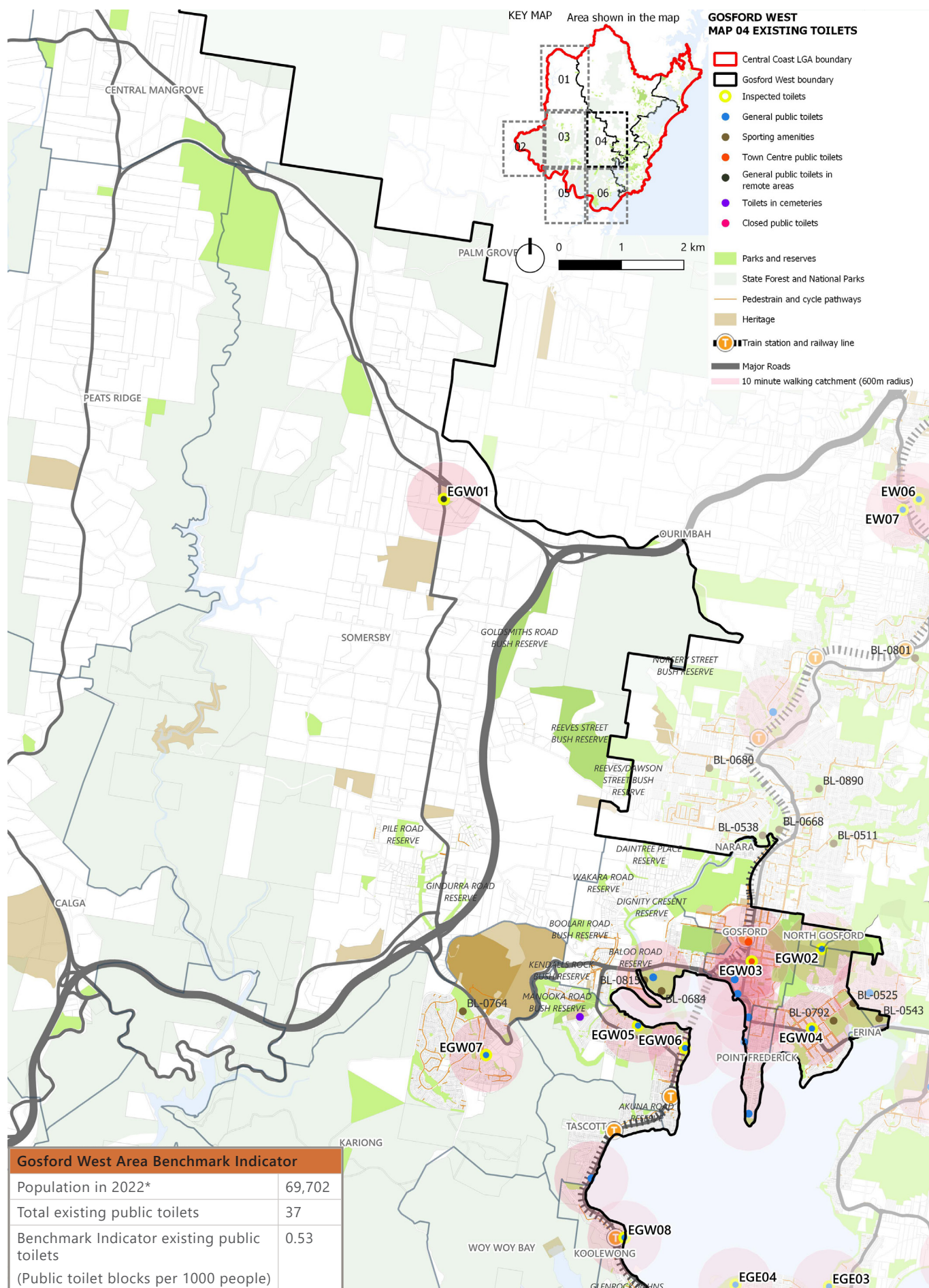


Figure 33: Existing public toilets in the Gosford West area

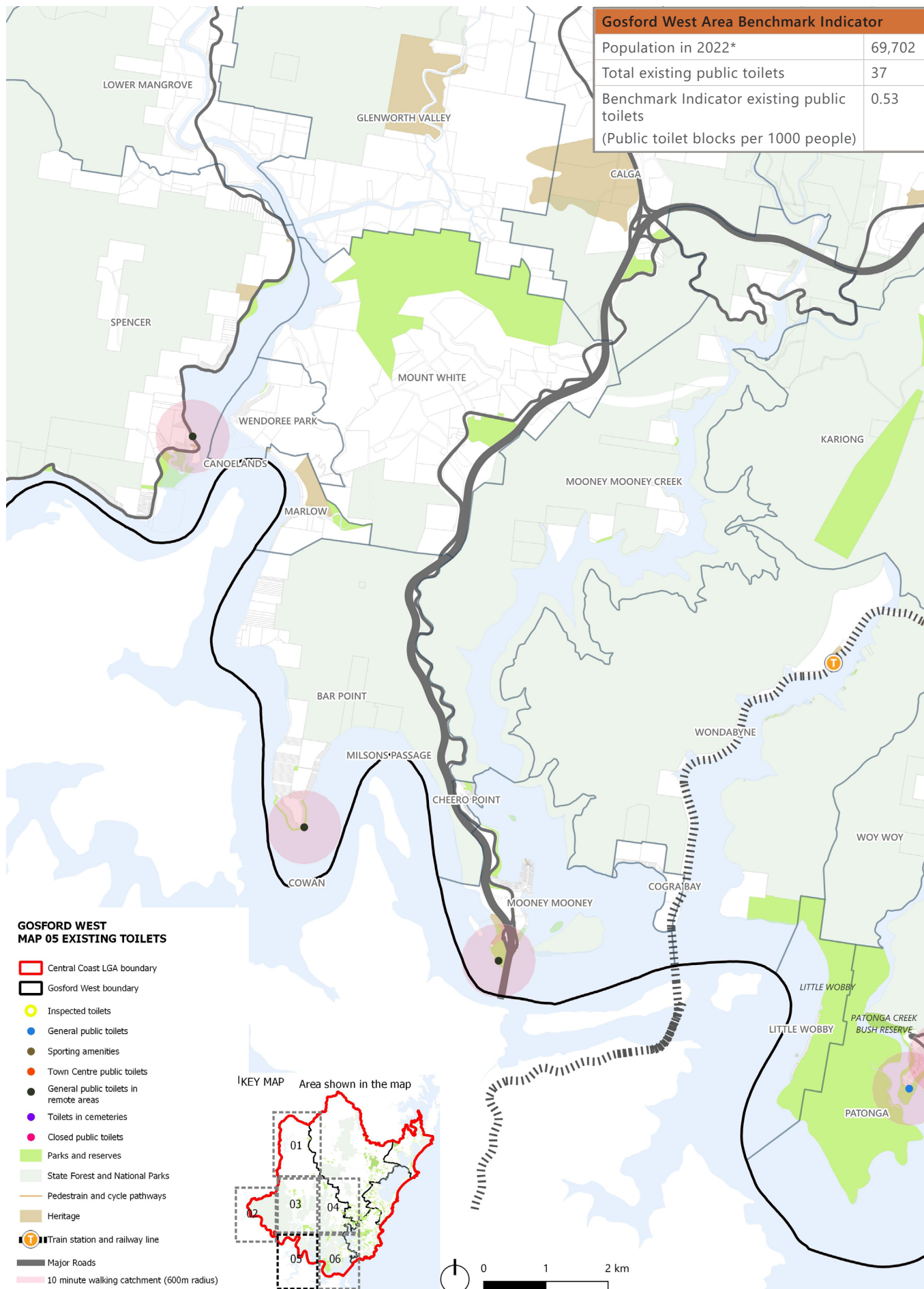


Figure 34: Existing public toilets in the Gosford West area



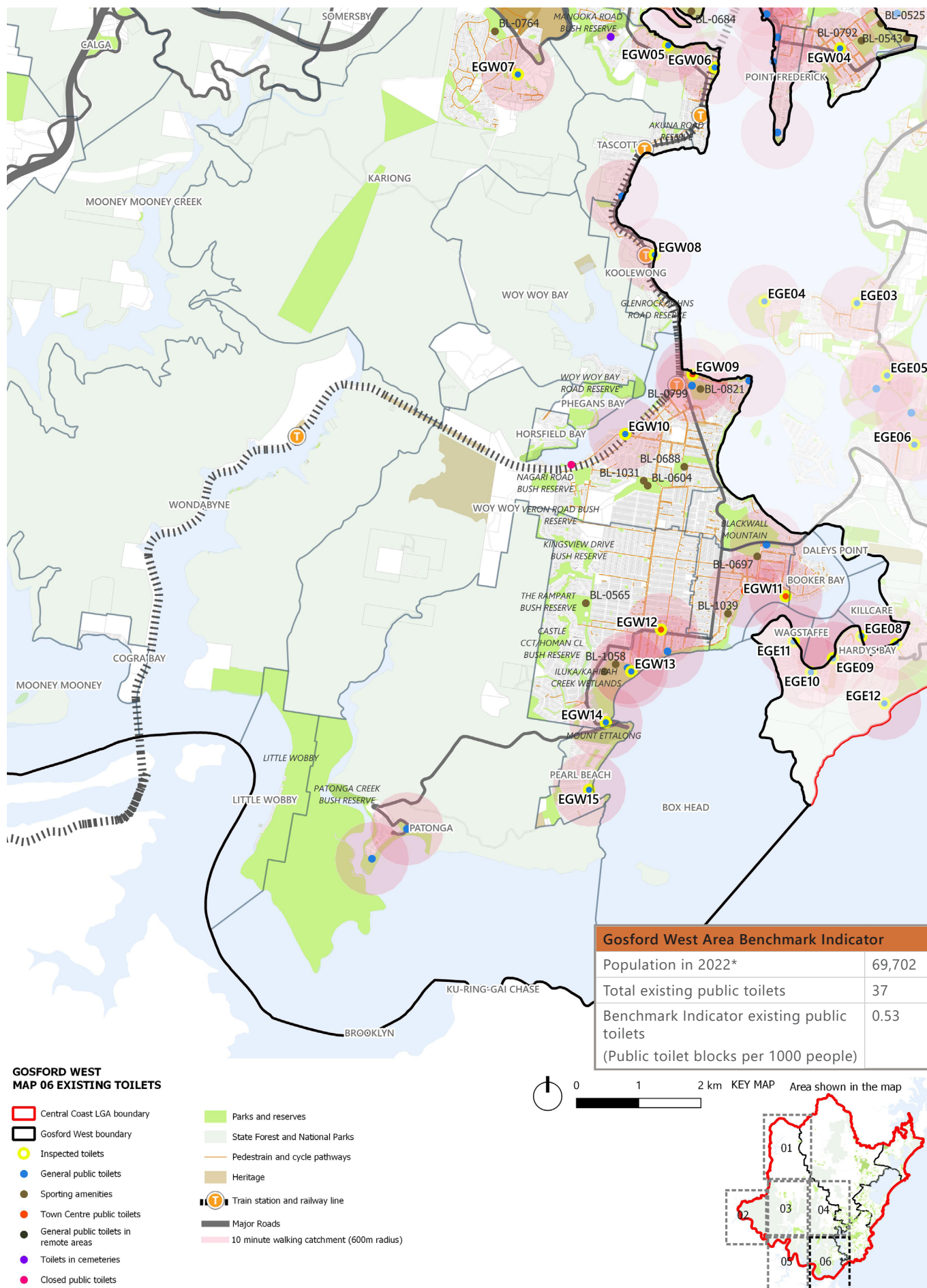
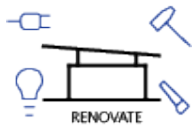





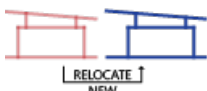







Figure 35: Existing public toilets in the Gosford West area



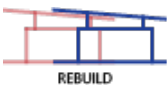





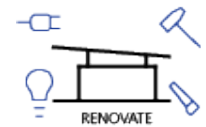

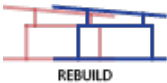





Note:  
IW = Immediate Works  
MW = Main Works

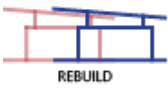



## Summary of Implementation

GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)							
No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW01	BL0724	Somersby Public Toilet	Somersby	GPT - Reserve, bypass	17	DDA non-compliant basin. No internal and external lighting. Landscape overgrown around toilets.	IW: Provide internal and external lighting to improve surveillance. Improve DDA parking and basin access. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGW02	BL0574	Rumbalara Public Toilet	Springfield	GPT - Reserve	32	Facility well maintained. Good surveillance facing road. Aged fixtures, interiors and exteriors. Regular roof cleaning required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type D - Off-site Toilets (Unsewered site) facing the roundabout and in compliance with the required BAL construction.
							
EGW03	BL0908	Kibble Park Public Toilet	Gosford	GPT - Urban local, library	52	No DDA toilet and compliant DDA parking. Poor surveillance and wayfinding signage. Graffiti vandalism. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces.	IW: Ongoing maintenance and operation until the new Regional Library operational. MW: Current library building will be demolished. Relocate new Type A - Local Toilets, subject to Kibble Park Place Masterplan.
							
EGW04	BL0675	Althope Street Car Park Public Toilet	East Gosford	GPT - Urban, car park	42	Poor car park line marking, design and access. DDA inaccessible toilets. No provision of DDA parking or toilets. Old and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing the street crossing and cafe ensuring passive surveillance. Relocation subject to site topography, to allow street access and DDA parking.
							
EGW05	BL0548	Fagans Park Point Clare Public Toilet	Point Clare	GPT - Local	31	Poor building condition. No wayfinding. No DDA connection or toilets. Graffiti vandalism. Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with sports facility facing the car park and share path with clear sightlines towards playground area.
							
EGW06	BL0719	Goodwayang Reserve Public Toilet Point Clare	Point Clare	GPT - Reserve, wharf, proposed new dog off leash area	24	Poor wayfinding. Graffiti vandalism. Aged and poor building interior and exterior.	IW: Ongoing maintenance till end of life. Upgrade basin tapware to current DDA standard. MW: Demolish existing after end of life. Provide new Type A - Local Toilets closer to Kurrawa Avenue and share path facing the Marine Rescue Centre to enable passive surveillance. Civil upgrade work to Council Scope (Parking/Services).
							

**GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW07	BL0940	Kariong Community Hall Public Toilet	Kariong	GPT - District, tennis courts, community garden	13	Poor wayfinding. No male toilet. Inaccessible fenced gate and non-compliant parking. Poor interior light and confined interior.	IW: Ongoing maintenance till end of life. Upgrade interior lighting. Upgrade fence gate to be DDA compliant. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing the car park with clear sightlines towards the playground area.
							
EGW08	BL0523	Couche Park Public Toilet	Koolewong	GPT - Local, jetty	52	Low surveillance. No DDA access due to site topography. Poor and outdated fixtures, change room interior and exterior.	IW: Ongoing maintenance till end of life. Upgrade interior lighting. MW: Demolish existing after end of life. Provide new Type A- Local Toilets facing the water with clear sightlines towards the playground area and neighbours.
							
EGW09	BL0572	Woy Woy Tidal Baths Public Toilet	Woy Woy	GPT - Local, urban, ferry wharf, tidal bath	52	Non-compliant DDA toilet. Graffiti vandalism. Aged and outdated fixtures, interior and exteriors.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets with beach showers. Relocation and type of toilets (Type B or C) subject to the Woy Woy Park and Waterfront Masterplan.
							
EGW10	BL0600	Stoney Park Public Toilet	Woy Woy	GPT - Local	40	No DDA toilet or accessible access. Aged and outdated fixtures, interior and exterior. Significant graffiti vandalism to the underpass tunnel.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A- Local Toilets facing street with clear sightlines towards the playground area.
							
EGW11	BL0755	Ferry Road Public Toilet	Ettalong Beach	GPT - Beach, ferry wharf	12	Marks to existing SS toilet fixtures. Rust damage to SS internal fixtures and high impact damage to corrugated wall claddings.	IW: Ongoing maintenance. Upgrade non-compliant DDA fixtures to meet current standards. MW: Renovate interior fixtures and external cladding after end of life to meet current standards. Improve CCTV surveillance and smart features.
							
EGW12	BL0845	Bullion Street Public Toilet	Umina Beach	GPT - Urban, library	52	Poor hygiene and under maintenance. No DDA toilet or access. Poor and outdated fixtures, interior and building exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street front and shops to enable passive surveillance. New building design to be aligned with the Library.
							
EGW13	BL0605	Umina Beach Public Toilet	Umina Beach	GPT - Regional, Beach	52	Good surveillance. Severe bird nesting hazard. Poor and outdated fixtures, interior and exterior.	MW: Demolish existing after end of life. Provide new Type C- Regional Toilets with beach showers and adult change facility, facing the car park and Umina SLSC for passive surveillance.
							

# GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW14	BL0555	Mount Ettalong Public Toilet	Umina Beach	GPT - Beach, dog off leash area	54	No DDA toilet or parking. Social vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street and car park, integrate bus stop into the building design.
							
EGW15	BL0557	Pearl Parade Public Toilet	Pearl Beach	GPT - Local, Beach	42	DDA access, non-compliant DDA fixtures. Social vandalism. Aged and outdated fixtures, interior and exteriors.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street with clear sightlines to playground and street parking.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

## Notes:

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans.  
The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.



## 2.6.2 Public Toilet (DDA Accessible) Network in Gosford West Area

Overview analysis:

- The general aim of this analysis is to determine whether the Gosford West area has sufficient DDA accessible toilets available against the benchmark supply ratio and to identify priority of the implementation whereby a public toilet does not have a compliant DDA toilet facility.
- There are a total of 21 existing public DDA accessible toilets in the Gosford West area.
- Out of the 15 existing toilets that were inspected by CM<sup>+</sup> across the Gosford West area, only 5 toilets were accessible under the DDA compliance guidelines.
- Figures 36-41 denote the existing toilets that are currently DDA accessible. The non-DDA compliant toilets are noted to be of the highest priority to be upgraded to the current DDA standard - unless the relevant authority deems the site to be unsuitable for accessible toilets.
- To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.

Gosford West Area Benchmark Indicator	
Population in 2022*	69,367
Total existing DDA accessible public toilets	21
Benchmark Indicator existing DDA accessible public toilets per 1000 people	0.30

Table 35: Existing DDA accessible public toilet per 1000 people

GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Typology	Accessibility
EGW01	BL-0724	Somersby Public Toilet	General public toilets in remote areas	No
EGW02	BL-0574	Rumbalara Public Toilet	General public toilets	Yes
EGW03	BL-0908	Kibble Park Public Toilet (Gosford library)	Town Centre public toilets	Yes
EGW04	BL-0675	Althope Street Carpark Public Toilet	General public toilets	No
EGW05	BL-0548	Fagans Park Point Clare Public Toilet	General public toilets	No
EGW06	BL-0719	Goodwayang Reserve Public Toilet	General public toilets	Yes
EGW07	BL-0940	Kariong Community Hall Public Toilet	General public toilets	Yes
EGW08	BL-0523	Couche Park Public Toilet	General public toilets	No
EGW09	BL-0572	Woy Woy Tidal Baths Public Toilet	Town Centre public toilets	No
EGW10	BL-0600	Stoney Park Public Toilet	General public toilets	No
EGW11	BL-0755	Ferry Road Public Toilet	Town Centre public toilets	Yes
EGW12	BL-0845	Bullion Street Public Toilet	Town Centre public toilets	No
EGW13	BL-0605	Umina Beach Public Toilet	General public toilets	No
EGW14	BL-0555	Mount Ettalong Public Toilet	General public toilets	No
EGW15	BL-0557	Pearl Parade Public Toilet	General public toilets	No

Table 36: Existing DDA accessible inspected public toilets (5 out of 15) in the Gosford West area

GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Typology	Accessibility
BL-0587	Patonga Foreshore Public Toilet (Managed By Campground)	General public toilets	No
BL-0665	Correa Bay Reserve Public Toilet	Closed public toilets	No
BL-0694	Point Clare Cemetery Public Toilet	Toilets in cemeteries	No
BL-0717	Eve Williams Oval Public Toilet	General public toilets	Yes
BL-0726	Peninsular Recreation Precinct (PRP) Public Toilet	General public toilets	No
BL-0728-PT	Ocean Beach SLSC Public Toilet	General public toilets	Yes
BL-0732	Waratah Road Public Toilet	General public toilets in remote areas	No
BL-0733	Gosford Sailing Club (Florence Avenue) Public Toilet	General public toilets	Yes
BL-0735	Amenities Building next to Gosford Pool	General public toilets	Yes
BL-0758	Poppy Park Public Toilet	General public toilets	Yes
BL-0796	Kitchener Park Public Toilet	General public toilets	Yes
BL-0797	Lions Park Public Toilet	General public toilets	Yes
BL-0799-PT	Woy Woy Oval Grandstand Public Toilet	General public toilets	Yes
BL-0802	Pioneer Park Public Toilet	General public toilets	Yes
BL-0810	Deerubbun Reserve Public Toilet	General public toilets in remote areas	Yes
BL-0812	Koolewong Waterfront Reserve Public Toilet	General public toilets	Yes
BL-0846	Gosford Tourist Information Centre Public Toilet	Town Centre public toilets	Yes
BL-0936	Bar Point Public Toilet	General public toilets in remote areas	No
BL-0938	Ettalong Beach Reserve Public Toilet (Opposite Beach St)	Town Centre public toilets	Yes
BL-1007-PT	Adcock Park Public Toilets (Part of the amenities building)	General public toilets	Yes
BL-1009	Leagues Club Waterfront Park Public Toilet	General public toilets	Yes
BL-1051	Spencer Waterfront Public Toilet	General public toilets in remote areas	Yes

Table 37: Existing DDA accessible public toilets (16 out of 22) in the Gosford West area

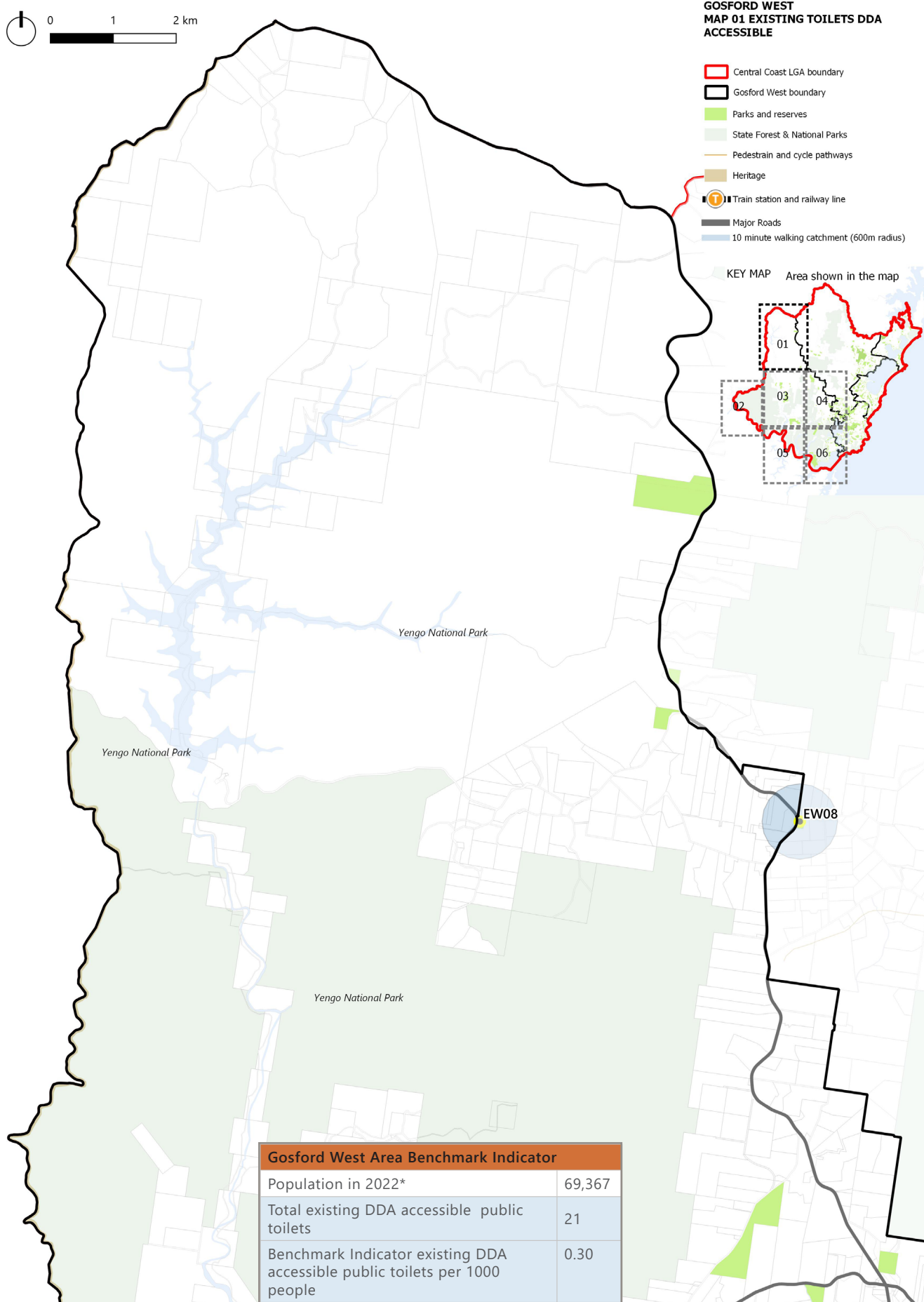


Figure 36: Existing public toilets DDA accessible toilets in the Gosford West area



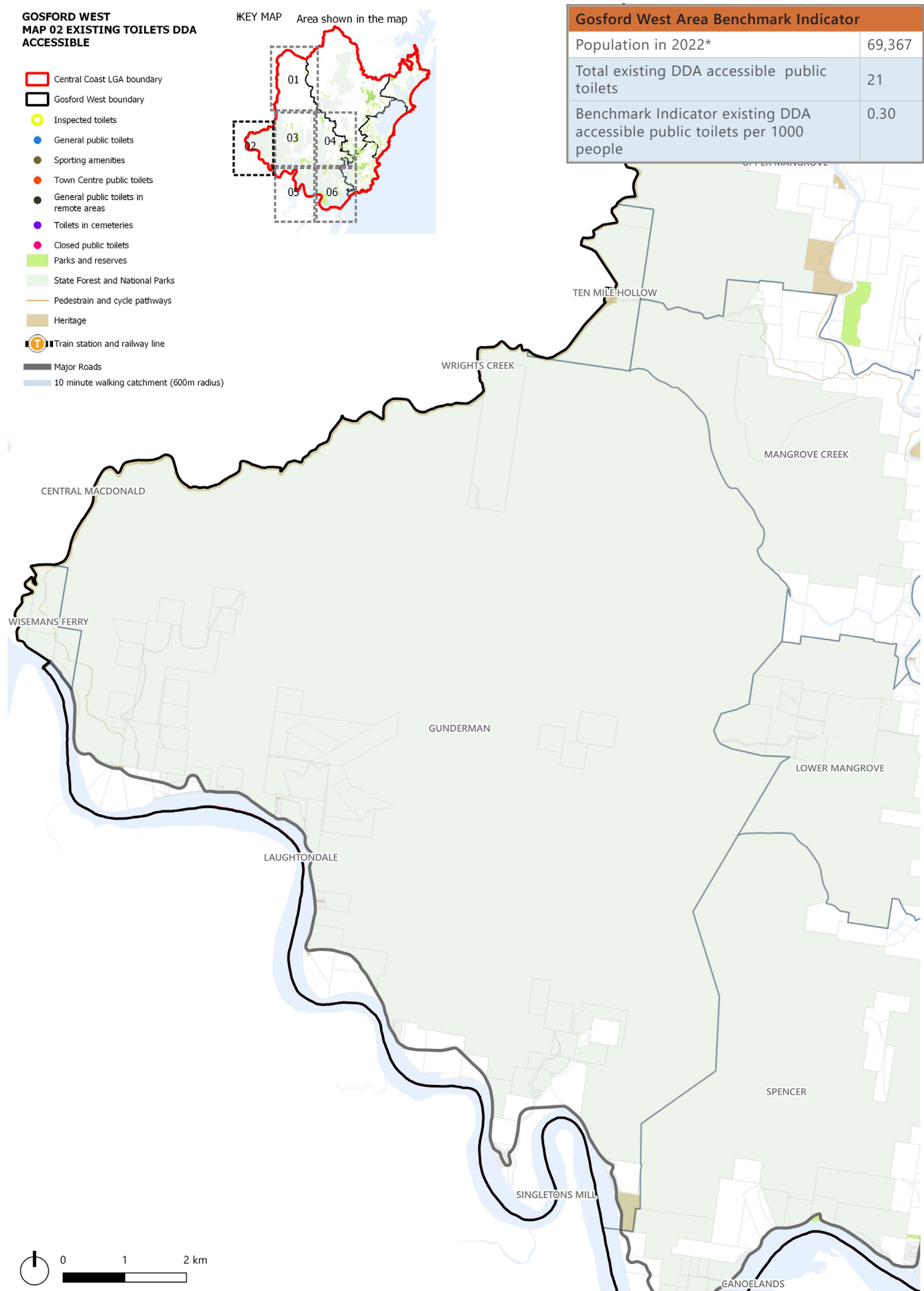
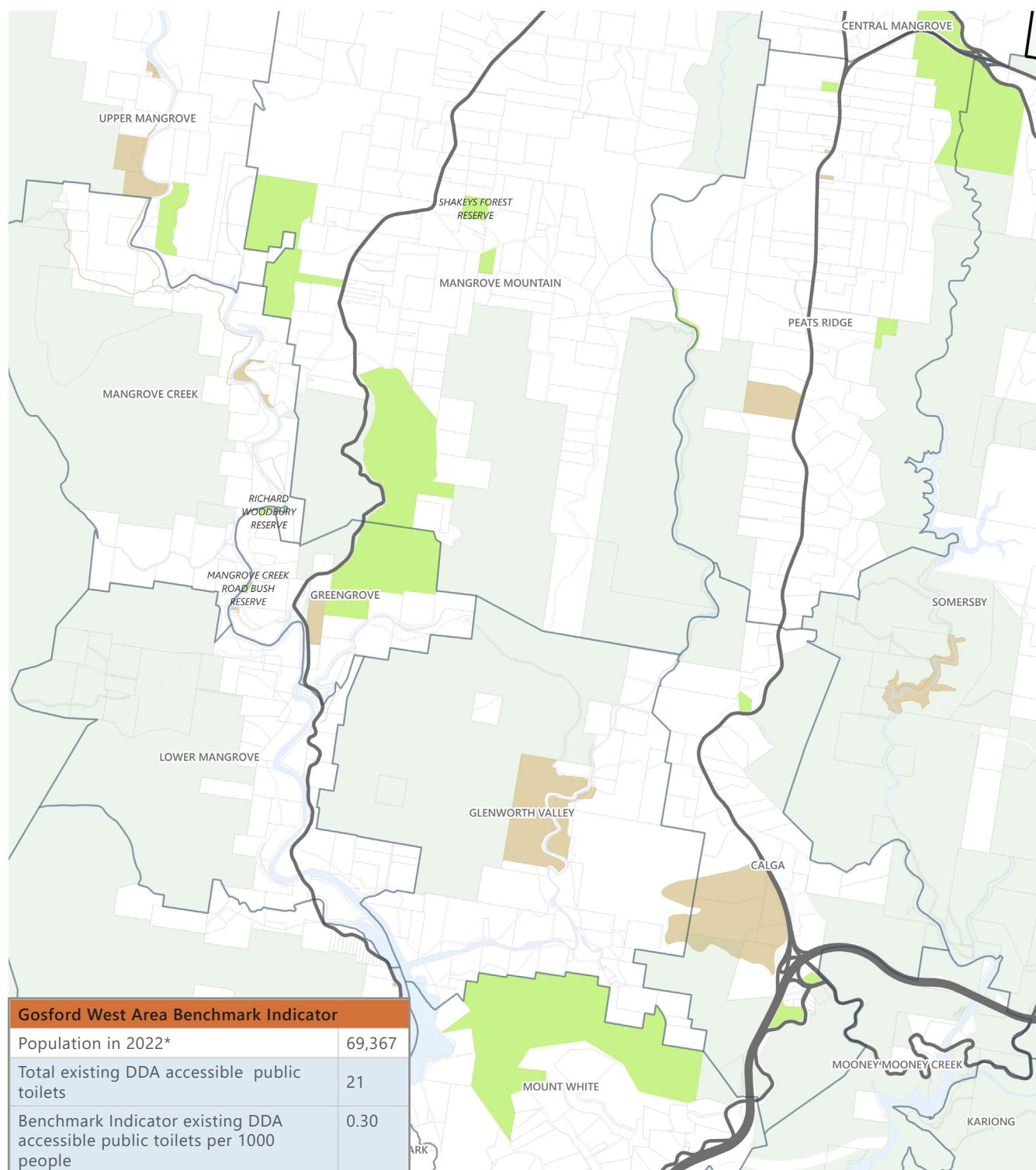


Figure 37: Existing public toilets DDA accessible toilets in the Gosford West area



**GOSFORD WEST  
MAP 03 EXISTING TOILETS DDA ACCESSIBLE**

- Central Coast LGA boundary
- Gosford West boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- T Train station and railway line
- Major Roads
- 10 minute walking catchment (600m radius)

KEY MAP Area shown in the map

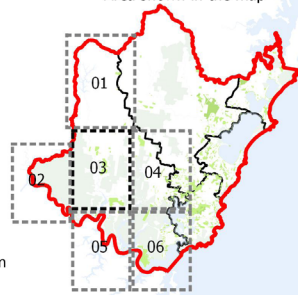


Figure 38: Existing public toilets DDA Accessible toilets in the Gosford West area

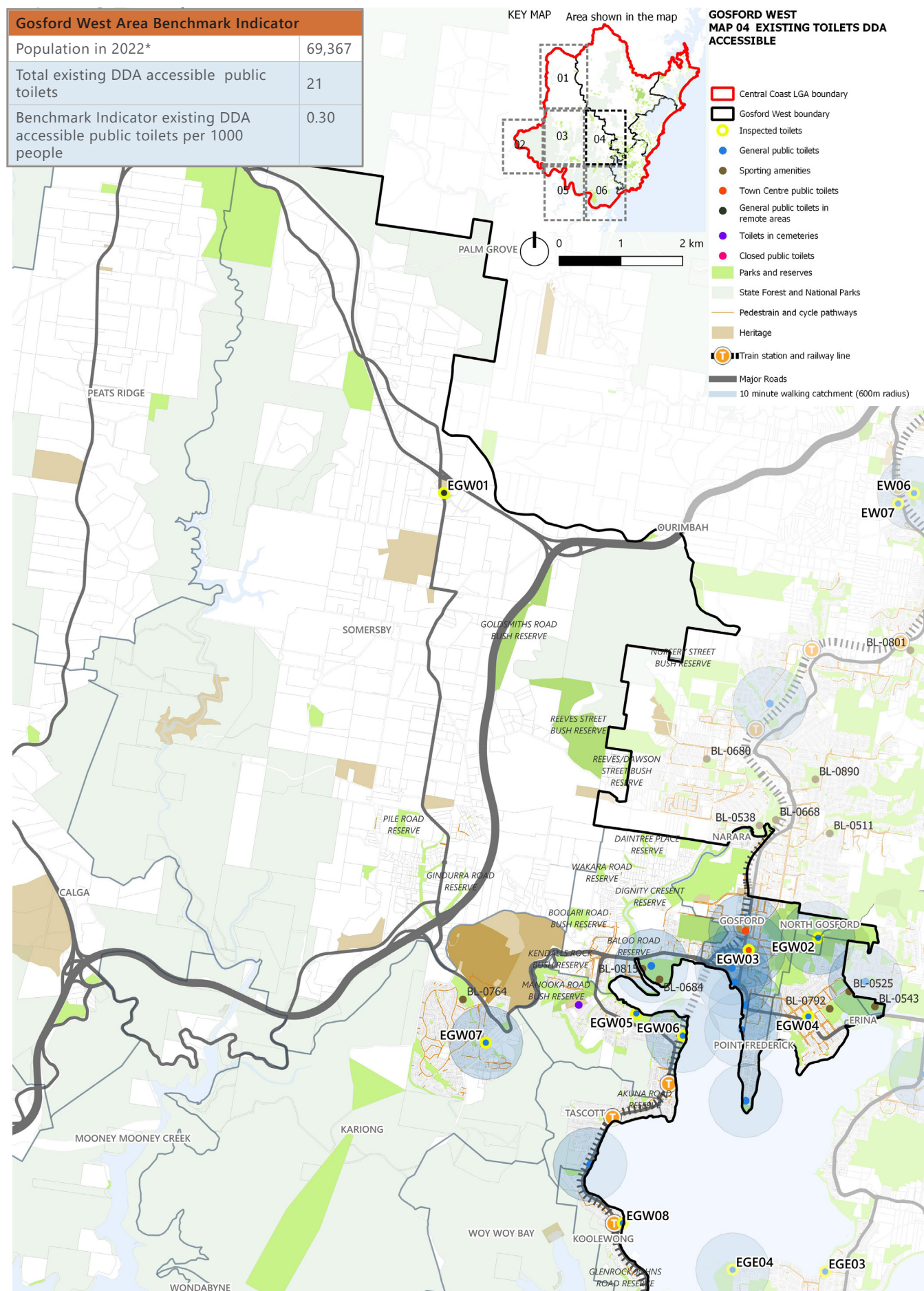


Figure 39: Existing public toilets DDA accessible toilets in the Gosford West area



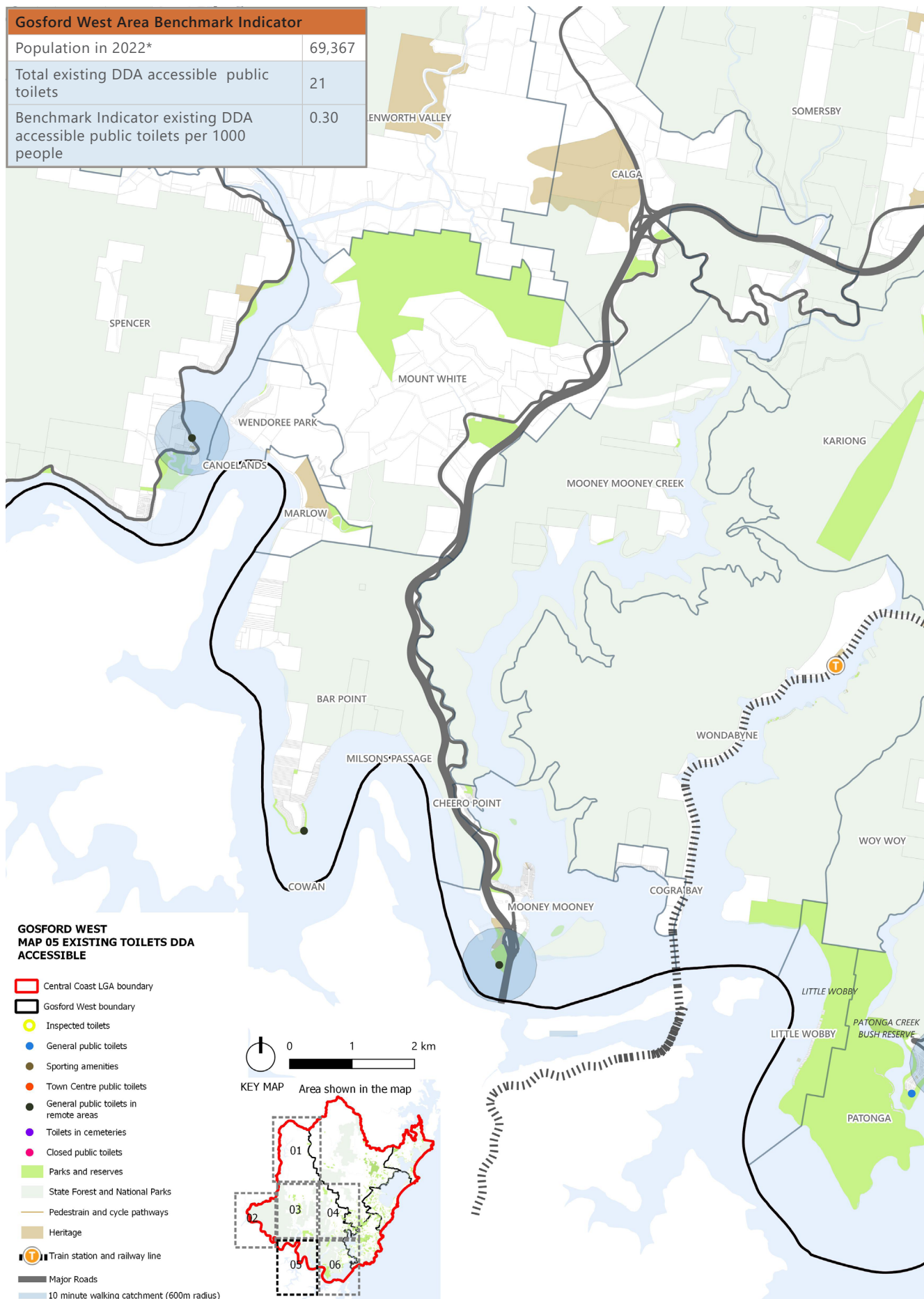
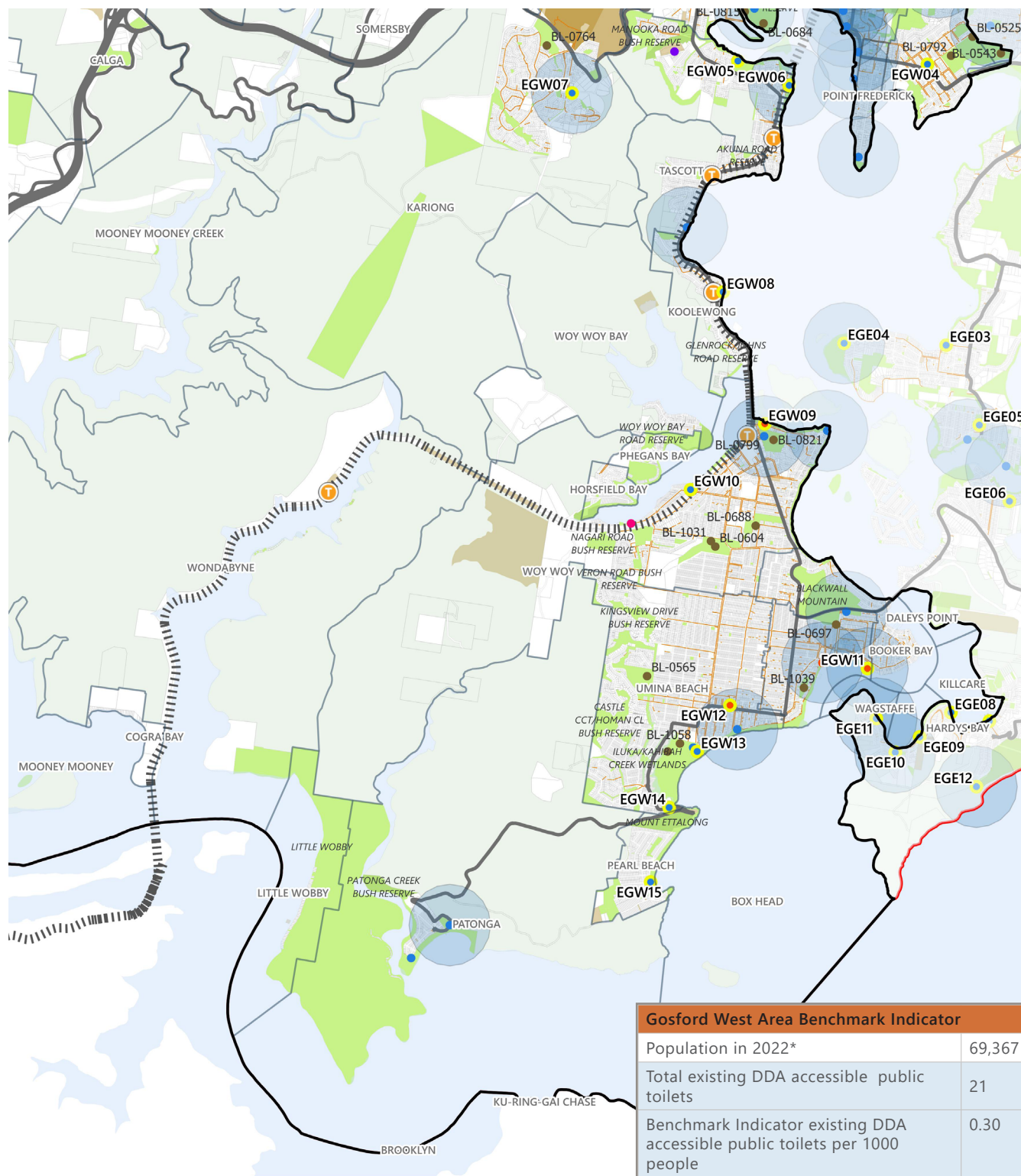


Figure 40: Existing public toilets DDA Accessible Toilets in the Gosford West area



# **GOSFORD WEST MAP 06 EXISTING TOILETS DDA ACCESSIBLE**

- Central Coast LGA boundary
- Gosford West boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- Train station and railway line
- Major Roads
- 10 minute walking catchment (600m radius)

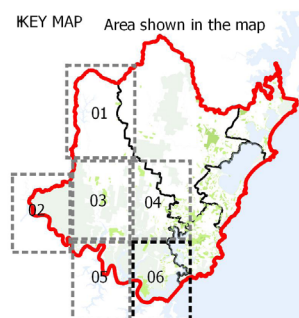
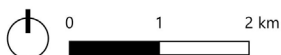


Figure 41: Existing public toilets DDA accessible Toilets in the Gosford West area

## 2.6.3 Public Toilet and Shared Toilet Networks in Gosford West Area

Overview analysis:

- The general aim of this analysis is to show a snapshot of the actual supply of existing public toilets both from Council-owned and publicly accessible toilets across the LGA which includes those at train stations, shopping malls, libraries, National Parks, campgrounds, tennis clubs, and Council multi storey carpark. Its inclusion in the assessment aid the team in finding the actual gaps and be able to fill in by opportunities of new public toilets.
- There are a total of 69 public toilets in Gosford West area which include the existing (Council-owned) and shared toilets. Out of the aggregated 69 public toilets available, there are 32 additional shared toilets which the public has easy access to.
- Figures 42 - 47 show additional overlays of shared public toilets in shopping centres such as in West Gosford, Woy Woy, Booker Bay, and Umina Beach. Existing town centres and public cemeteries also provide access to public toilets. With these additional public toilets, the recommended public toilet ratio to population is sufficiently achieved.

Gosford West Area Benchmark Indicator	
Population in 2022*	69, 702
Total existing public toilets (Council-owned)	37
Total shared toilets	32
TOTAL	69
Benchmark Indicator existing public toilets per 1000 people	0.99

Table 38: Existing and shared toilets per 1000 people



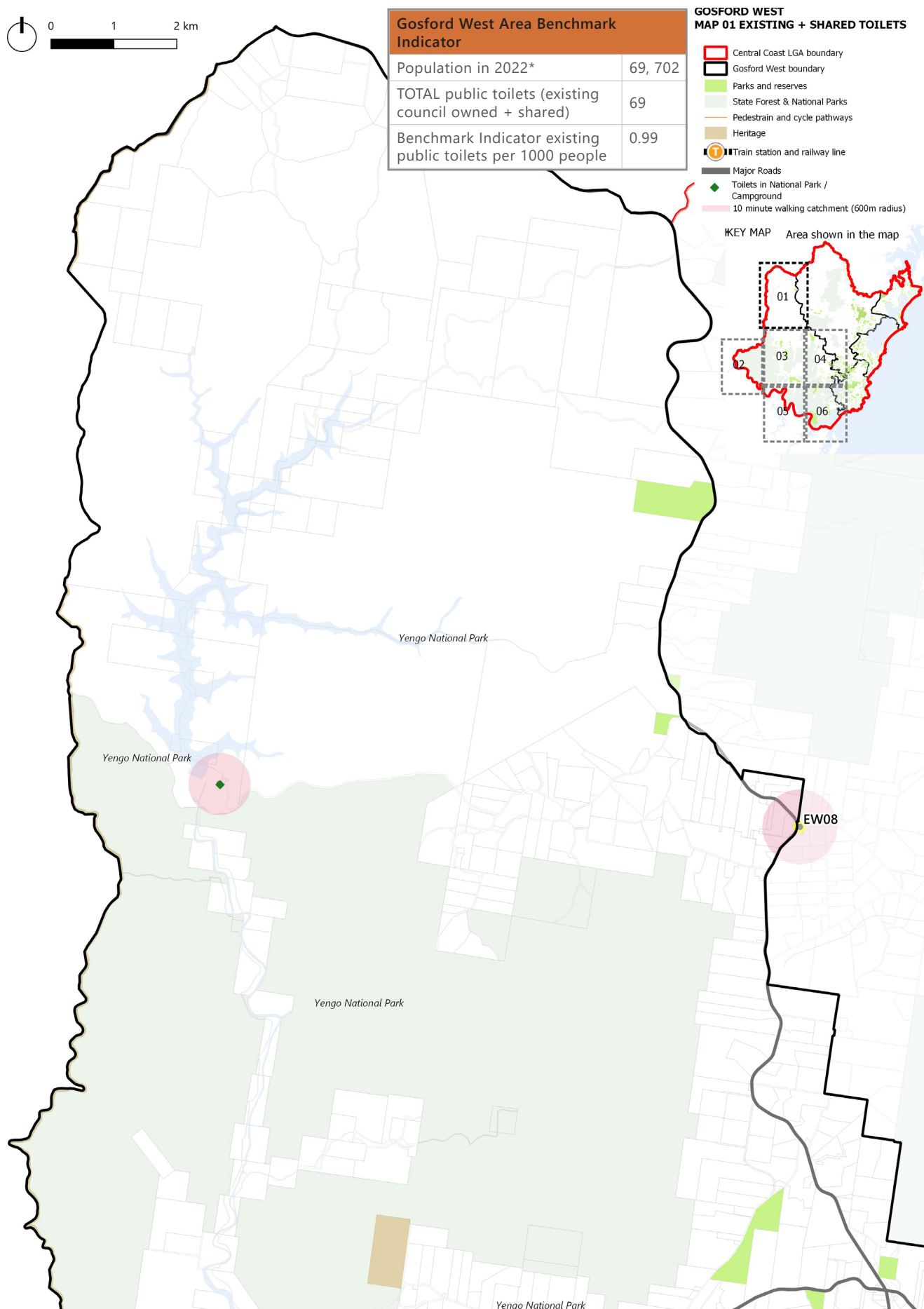


Figure 42: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area

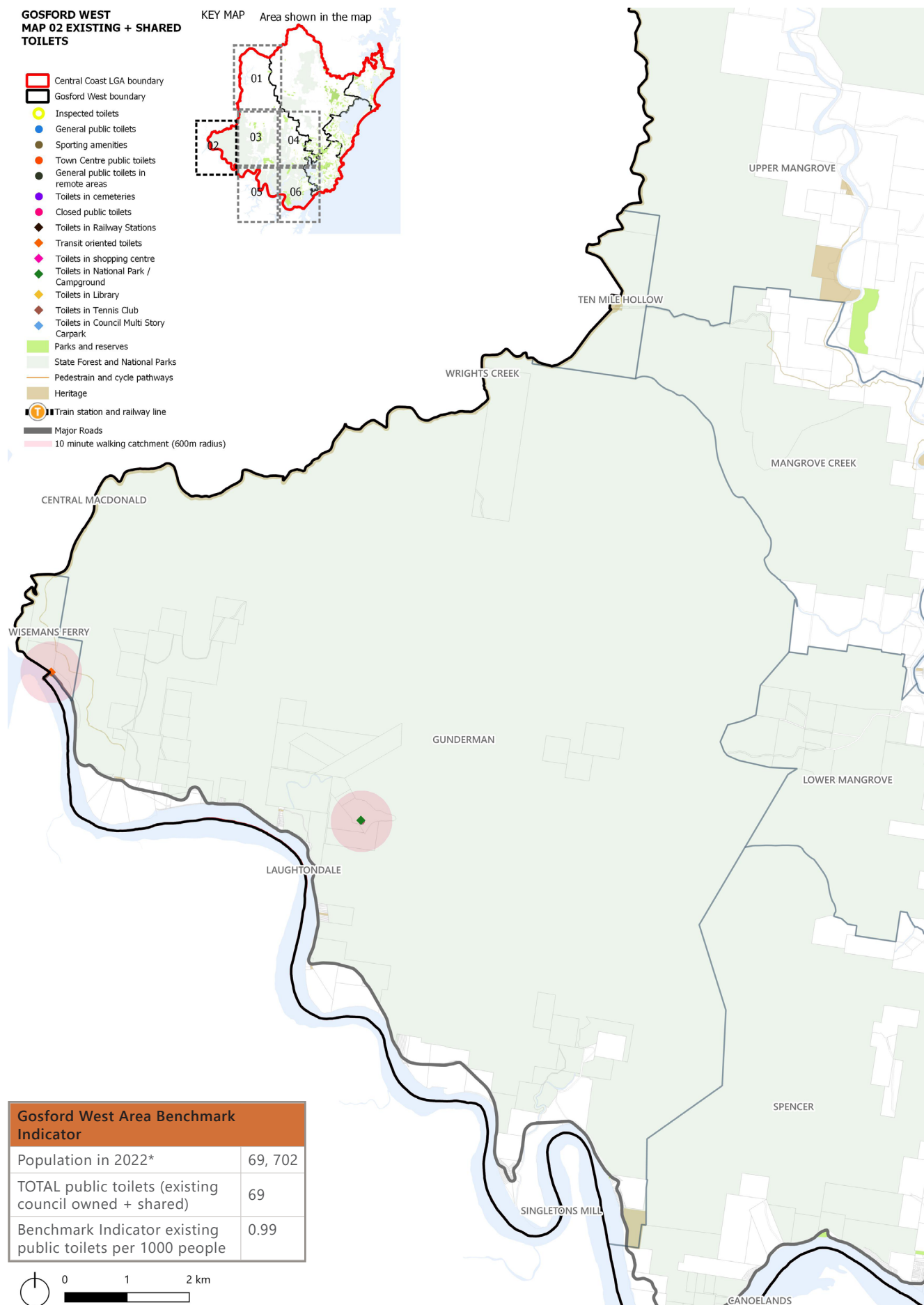
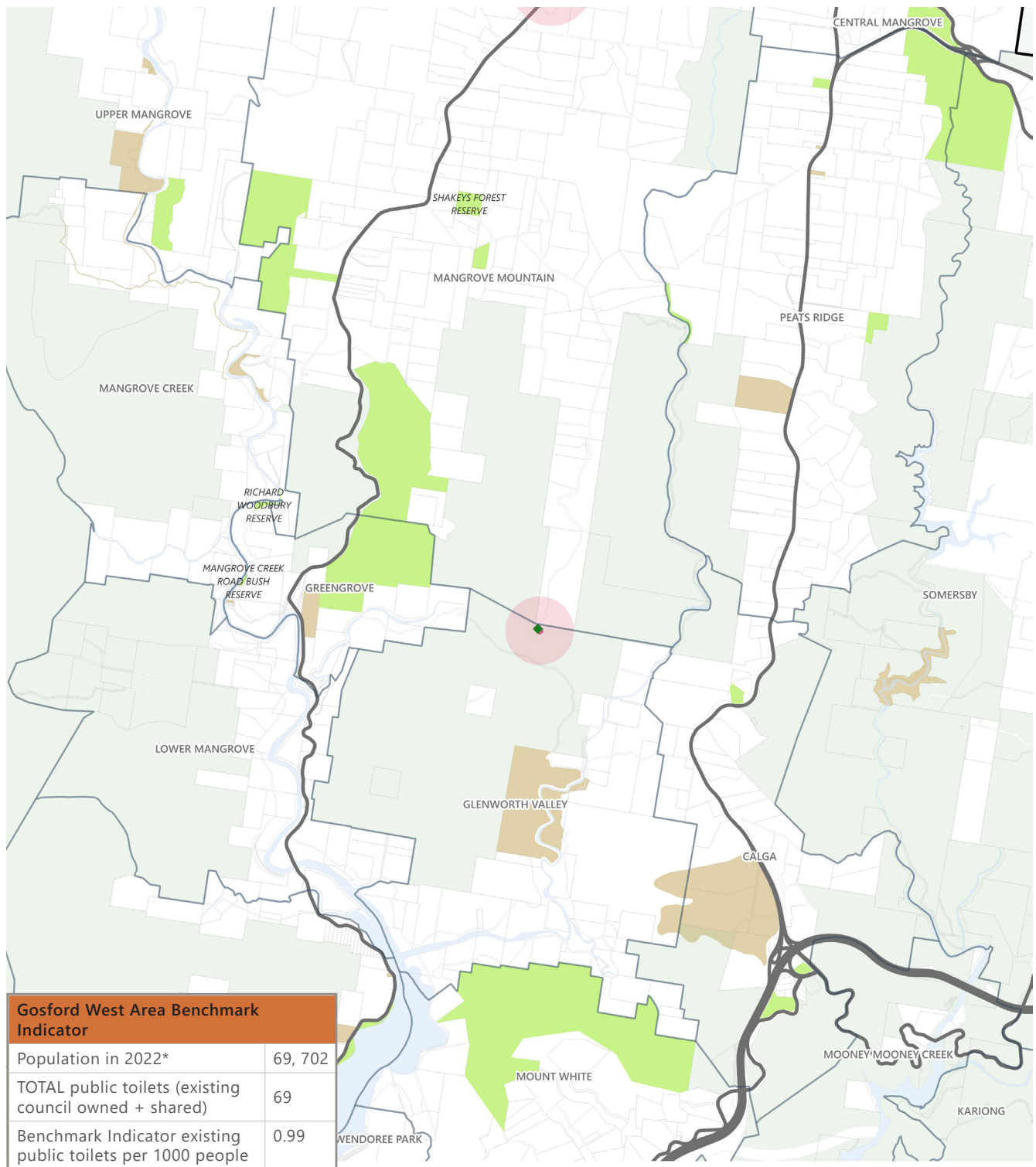


Figure 43: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area



**GOSFORD WEST  
MAP 03 EXISTING + SHARED TOILETS**

- Central Coast LGA boundary
- Gosford West boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- T Train station and railway line
- Major Roads
- 10 minute walking catchment (600m radius)

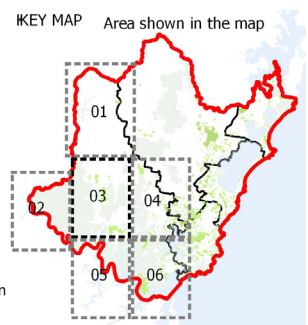


Figure 44: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area



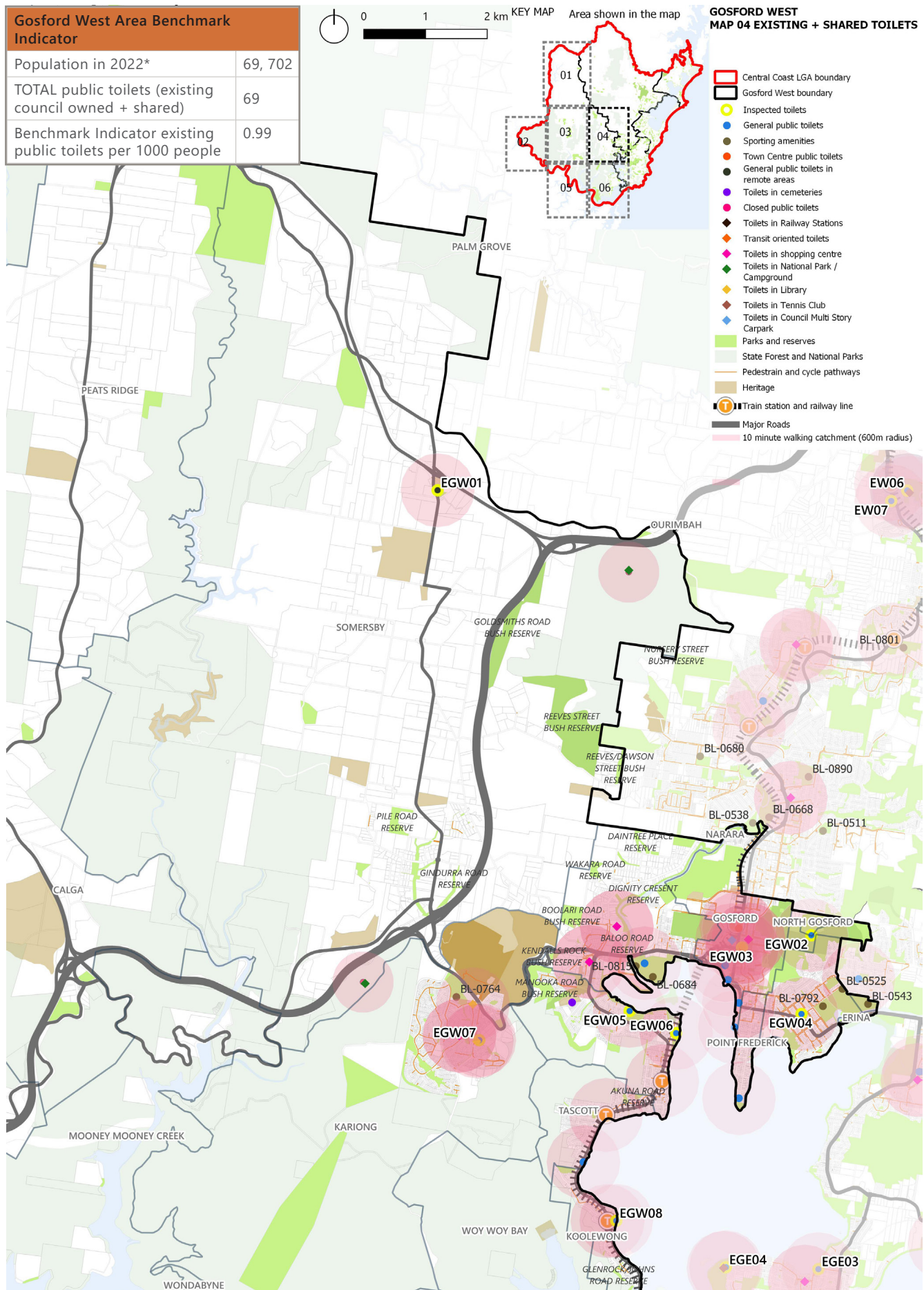


Figure 45: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area

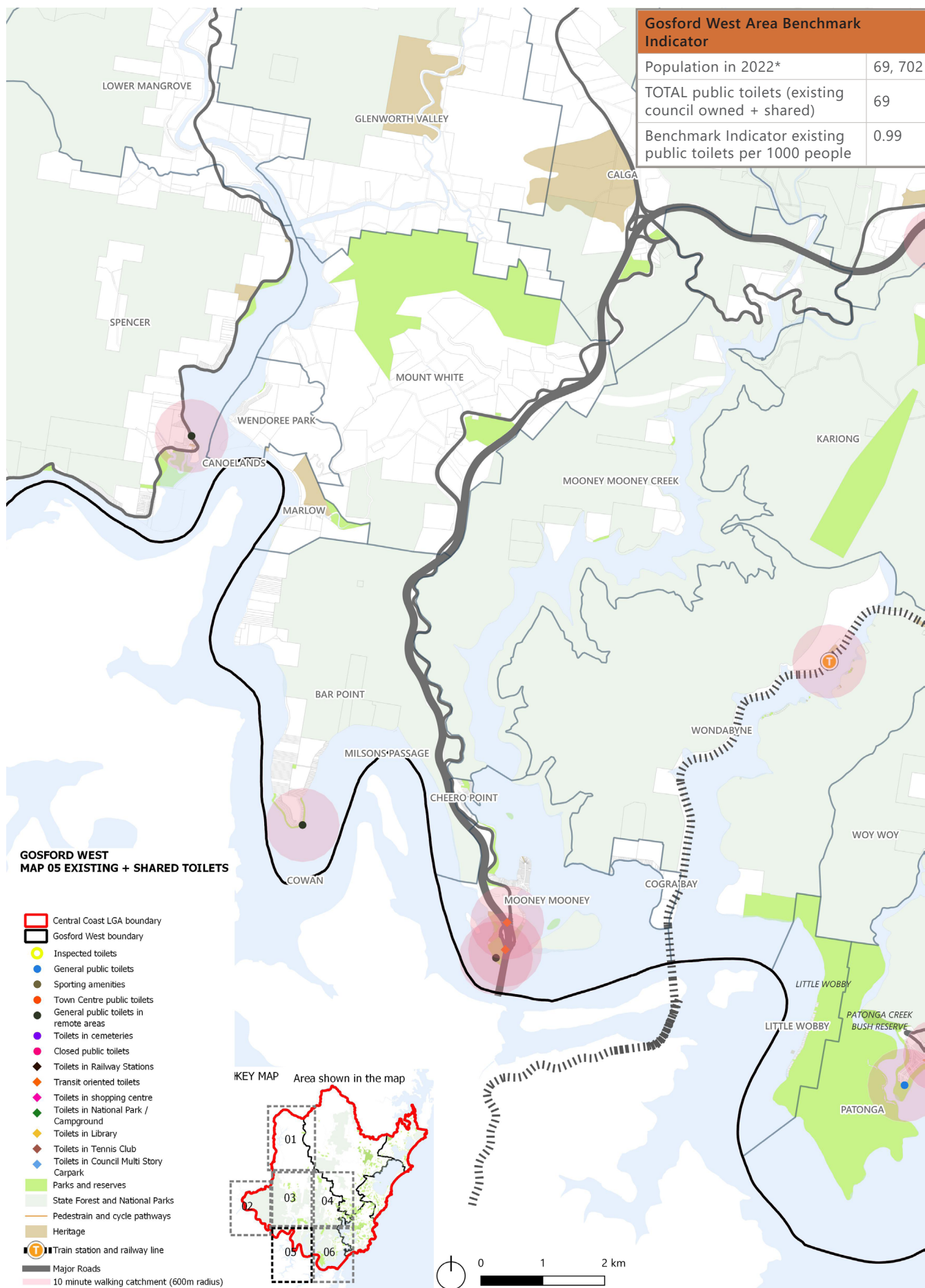
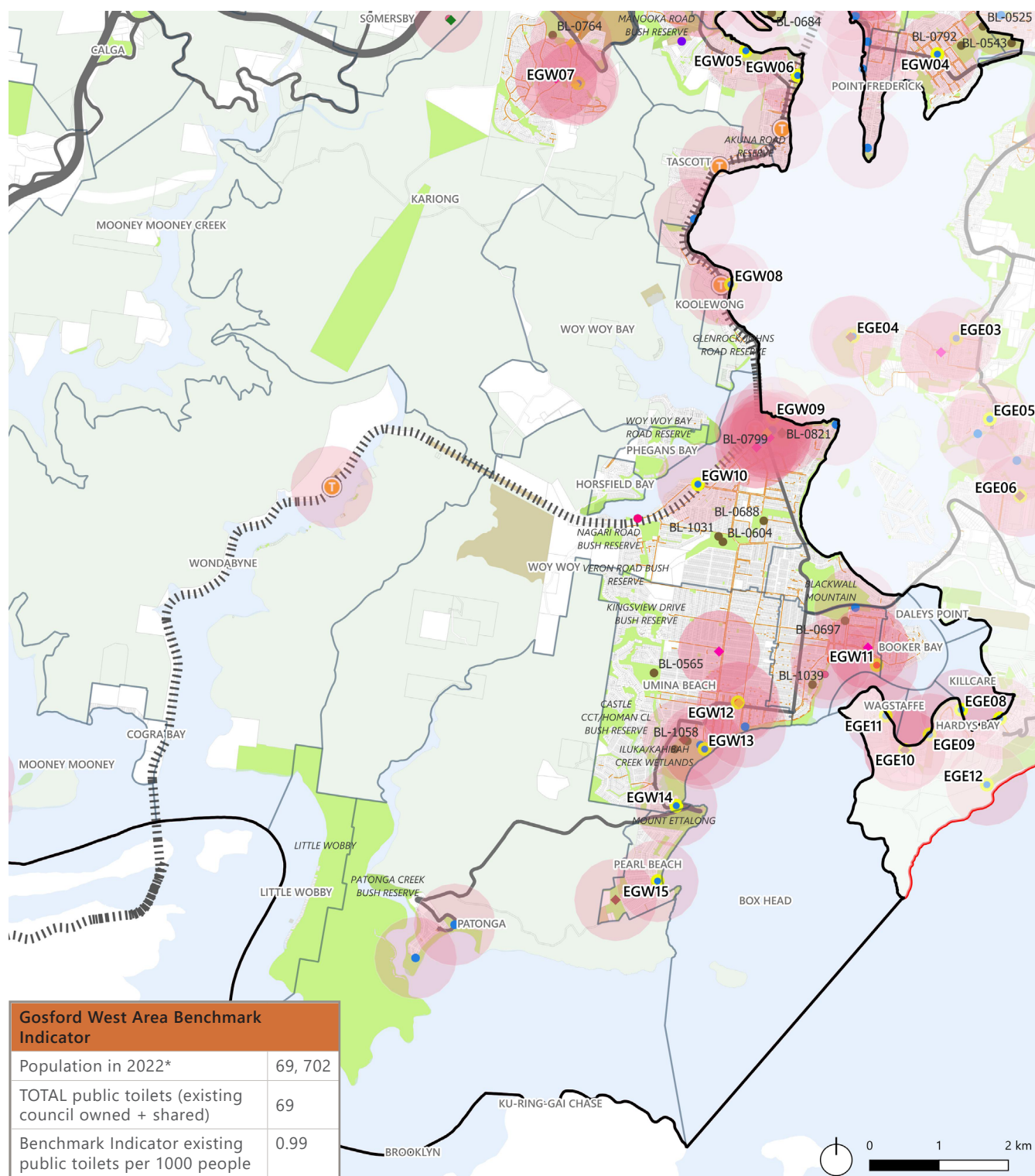


Figure 46: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area





#### GOSFORD WEST MAP 06 EXISTING + SHARED TOILETS

- ▬ Central Coast LGA boundary
- ▬ Gosford West boundary
- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets
- Toilets in Railway Stations
- Transit oriented toilets
- Toilets in shopping centre
- ◆ Toilets in National Park / Campground
- ◆ Toilets in Library
- ◆ Toilets in Tennis Club
- ◆ Toilets in Council Multi Story Carpark
- Parks and reserves
- State Forest and National Parks
- Pedestrian and cycle pathways
- Heritage
- T Train station and railway line
- ▬ Major Roads
- 10 minute walking catchment (600m radius)

KEY MAP Area shown in the map

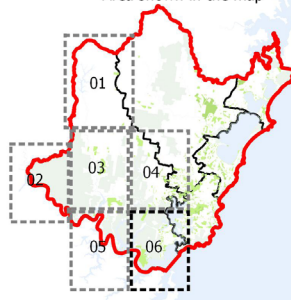


Figure 47: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Gosford West area



## 2.7.1 Public Toilet (Council-owned) Network in Wyong Area

Overview analysis:

- Out of the 12 existing public toilets across the Wyong area, 8 public toilets are owned by Council have been inspected by CM<sup>+</sup> (Table 41). Section 3.1 - Gaps and Opportunities for New Public Toilets provides a summary of a preliminary Implementation Plan. It includes recommendations for potential improvements contingent with Council's assets and operational teams' input.
- The supply of aggregated existing public toilets relative to the population (2022) is insufficient as per the supply ratio benchmark. It is worth noting that the Wyong area has larger private land estates with less concentrated public open space facilities which may account for the low number of public toilet sites.
- Figures 48 - 51 reveal that the majority of the gaps in the supply of public toilets is in the vicinity of the reserve areas which are located on the west section of the Wyong area. Existing public toilets are all concentrated in the vicinity of the activity centres.

Wyong Area Benchmark Indicator	
Population in 2022*	76,105
Total existing public toilets	12
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.16
<b>Total existing public toilets and sports amenity buildings</b>	<b>26</b>
Benchmark Indicator existing public toilets and sporting amenities (Public toilet blocks per 1000 people)	0.34

Table 39: Existing public toilet per 1000 people

WYONG AREA SPORTS AMENITY BUILDINGS			
Building ID	Name	Suburb	Typology
BL-0183	Hamlyn Terrace Oval Amenities Building	Hamlyn Terrace	Sporting amenities
BL-0188	Baker Park Grandstand and Amenities	Wyong	Sporting amenities
BL-0308	Sohier Park Grandstand and Amenities	Ourimbah	Sporting amenities
BL-0332	Warnervale Athletics Amenities	Warnervale	Sporting amenities
BL-0375	Wadalba Sports Facility Amenities Building	Wadalba	Sporting amenities
BL-0383	Watanobbi Oval Amenities	Watanobbi	Sporting amenities
BL-0511	Maidens Brush Oval Amenities	Wyoming	Sporting amenities
BL-0538	Gavenlock Oval Amenities	Narara	Sporting amenities
BL-0562	Kanwal Hall Sportsground Amenities/Kiosk	Kanwal	Sporting amenities
BL-0668	Paddy Clifton Oval Amenities Building	Narara	Sporting amenities
BL-0680	Pandala Rd Amenities Narara	Narara	Sporting amenities
BL-0801	Lisarow Oval Amenities Building	Lisarow	Sporting amenities
BL-0890	Alan Davidson Oval Amenities Building	Wyoming	Sporting amenities
BL-0934	Central Coast Regional Sports Complex Amenities Building	Tuggerah	Sporting amenities

Table 40: Existing sports amenity buildings (14) in the Wyong area

WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Suburb	Typology
EW01	BL-0158	Craigie Reserve Public Toilet	Kanwal	General public toilets
EW02	BL-0186	Apex Park Public Toilet	Wyong	General public toilets
EW03	BL-0393	Wyong Old School Public Toilet	Wyong	Town Centre public toilets
EW04	BL-0342	Lions Park Public Toilet	Wyong	General public toilets
EW05	BL-0335	Woodburys Inn Reserve Public Toilet	Mardi	General public toilets
EW06	BL-0256	Sohier Park Public Toilet	Ourimbah	General public toilets
EW07	BL-0246	Glenn Rd Public Toilet	Ourimbah	General public toilets
EW08	BL-0203	Kulnura Memorial Hall Public Toilet	Kulnura	General public toilets in remote areas

Table 41: Existing inspected public toilets (8) in the Wyong area

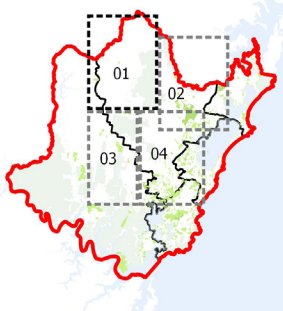
WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Suburb	Typology
BL-0193	Jack Gear Reserve Public Toilet	Yarramalong	General public toilets
BL-0811	Narara Valley Precinct Park Public Toilet	Narara	General public toilets
BL-1003	Don Small Oval Public Toilet	Tacoma	General public toilets
BL-1046	Regional Sporting Complex Overflow/Portable Toilet	Tuggerah	General public toilets

Table 42: Existing public toilets (4) in the Wyong area

**WYONG**  
**MAP 01 EXISTING TOILETS**

- ▬ Central Coast LGA boundary
- ▬ Wyong boundary
- Inspected toilets
- General public toilets
- General public toilets in remote areas
- Parks and reserves
- State Forest and National Parks
- Heritage
- 10 minute walking catchment (600m radius)

KEY MAP Area shown in the map



Wyong Area Benchmark Indicator	
Population in 2022*	76,105
Total existing public toilets	12
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.16

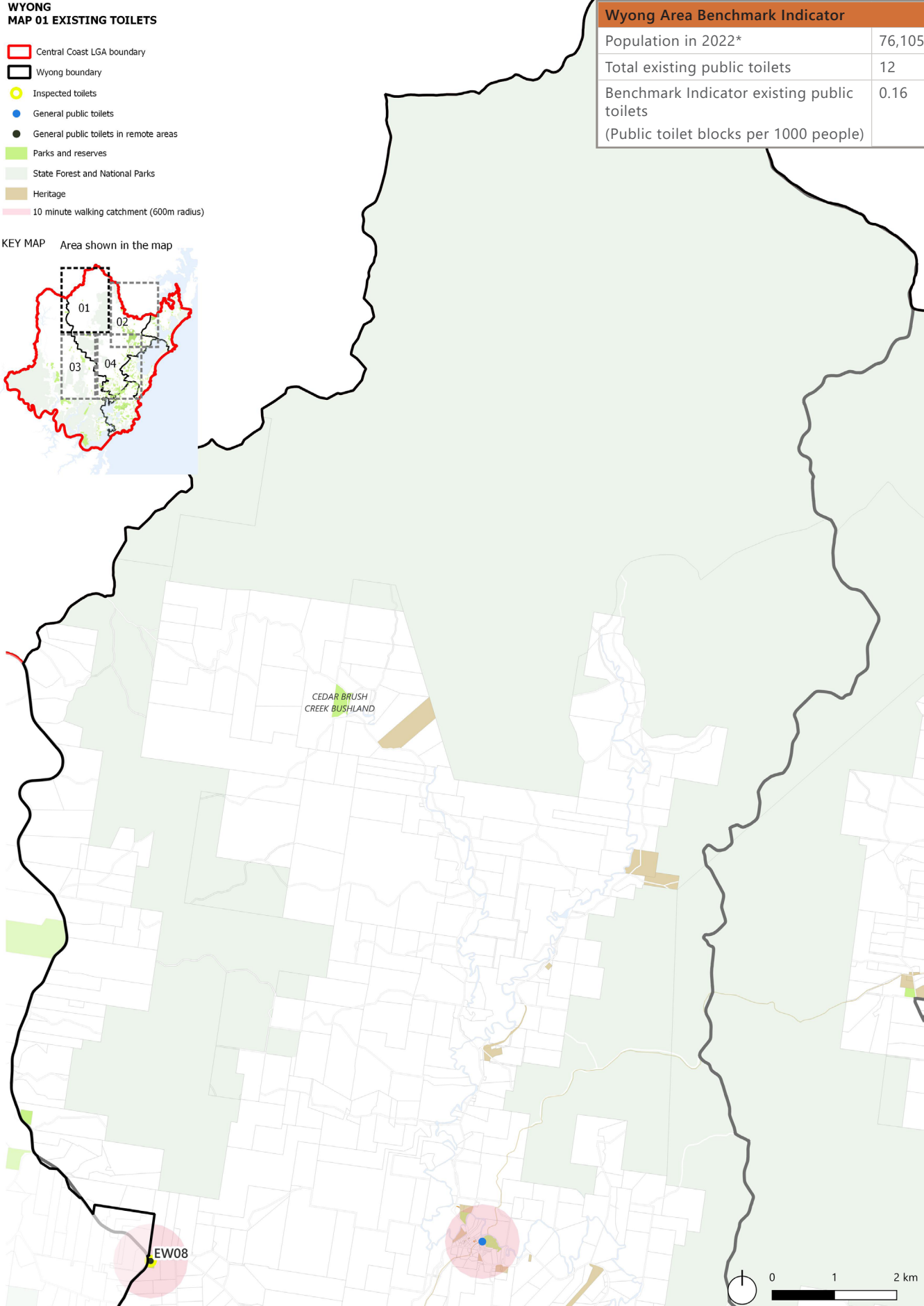


Figure 48: Existing public toilets in the Wyong area



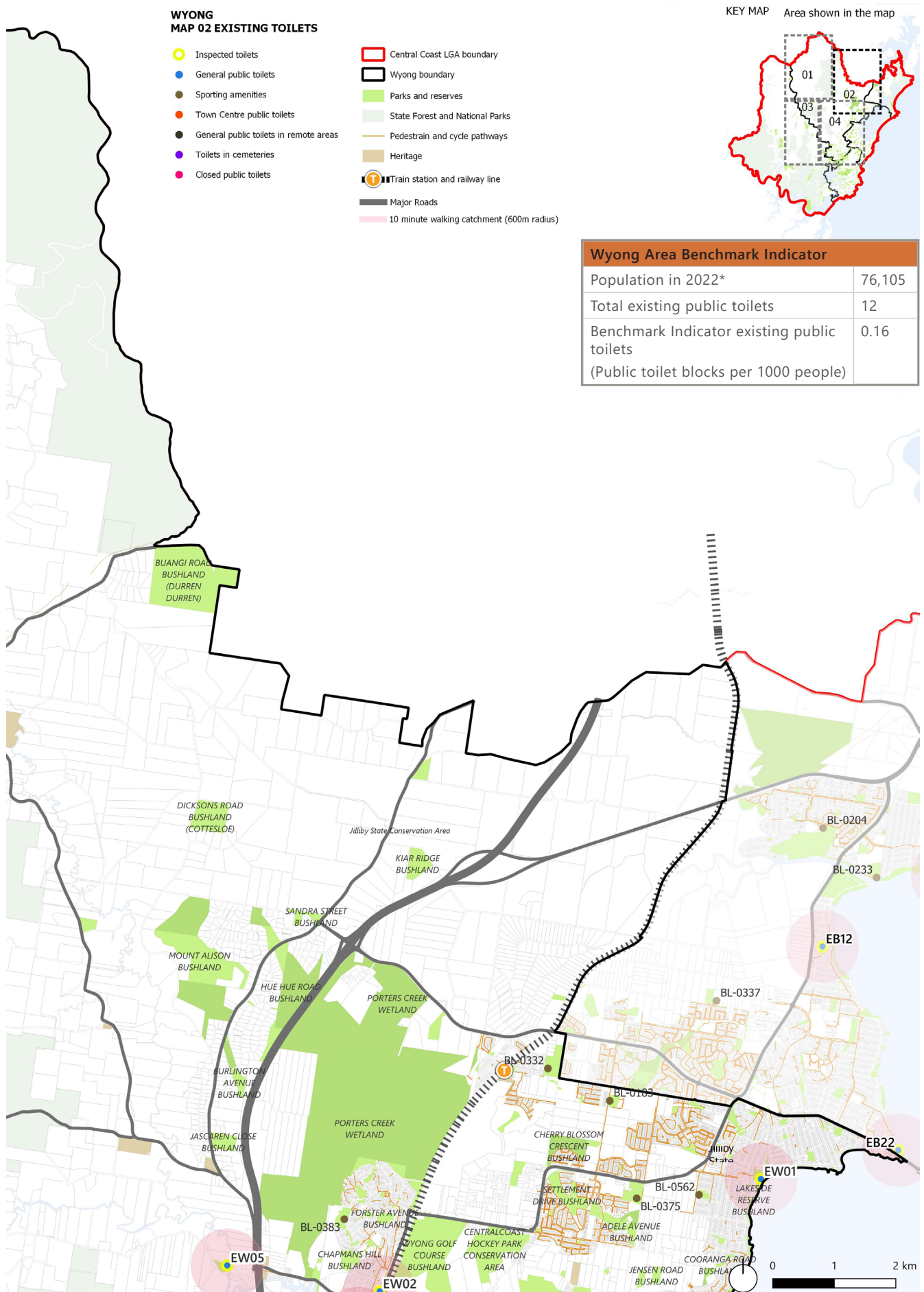


Figure 49: Existing public toilets in the Wyong area





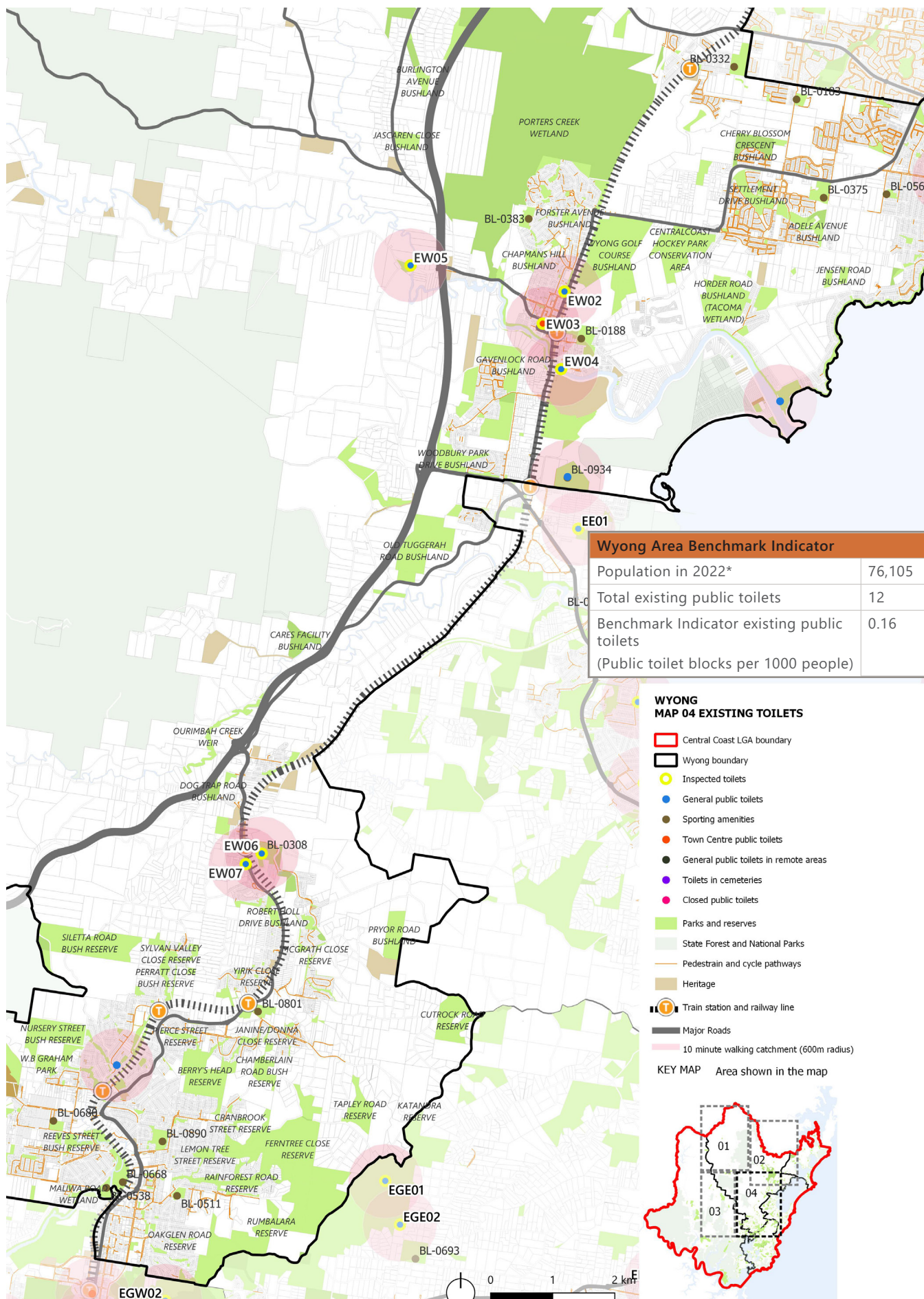
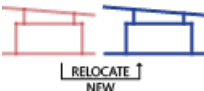

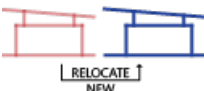

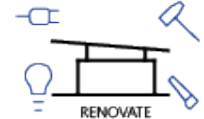

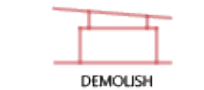





Figure 51: Existing public toilets in the Wyong area









Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)							
No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EW01	BL0158	Craigie Reserve Public Toilet	Kanwal	GPT: Local, dog off leash area	40	Poor siting and surveillance. Poor signage and wayfinding. No DDA parking. Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing Tuggerawong Road with clear sightlines to playground to ensure neighbourhood surveillance.
		 RELOCATE NEW					
EW02	BL0186	Apex Park Public Toilet	Wyong	GPT: Nature, bypass	53	Graffiti vandalism. Passive surveillance facing road. Uneven road surface. Old and outdated fixtures, interiors and exteriors.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing the corner of North Road and Pacific Highway on higher ground above flooding level. Integrate bus stop into the building design.
		 RELOCATE NEW					
EW03	BL0393	Wyong Old School Public Toilet	Wyong	GPT: Local, service support	56	Poor surveillance and wayfinding signage. Severe anti social behaviour. Graffiti vandalism. Broken and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. Water dampness around building envelope.	IW: Ongoing maintenance till end of life. MW: Renovate the external building envelope and internal fixtures to meet current standards Match colour to the precinct heritage colour scheme. Potential to provide 24 hours shower facility.
		 RENOVATE					
EW04	BL0342	Lions Park Public Toilet	Wyong	GPT: Local, bus and truck parking area	60	Poor siting and surveillance. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. No DDA parking or access.	IW: Ongoing maintenance till end of life. MW: Low demand factors on site. Demolish existing after end of life.
		 DEMOLISH					
EW05	BL0335	Woodburys Inn Reserve Public Toilet	Mardi	GPT: Local, reserve	35	Poor siting. No DDA access connection. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. No DDA parking or connection access.	IW: Ongoing maintenance till end of life. MW: Low demand factors on site. Demolish existing after end of life. Provide a new Type A - Local Toilets at the fork of Yarramalong Road and Old Maitland Road, west corner junction of Woodbury Inn Park 50m away. Orientate the building facing Yarramalong Road on higher ground away from creek, to facilitate the BBQ area. Civil upgrade work to Council Scope (Parking/Services).
		 RELOCATE NEW					

**WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EW06	BL0256	Bill Sohler Park Public Toilet	Ourimbah	GPT: Regional, Tennis Courts, Skatepark	43	Poor siting and surveillance. Uneven pathway surfaces. No DDA parking or entry. Aged and outdated fixtures, interiors and exteriors. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Renovate the toilets for use by the Community Hall or other purpose after end of life. Provide new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) closer to Ken Cook Way facing the Bills Park playground, the oval field and car park for passive surveillance. Provide clear sightlines and direct crossing access from playground area.
							
EW07	BL0246	Glenn Road Public Toilet	Ourimbah	GPT - Nature, bypass	44	Good passive surveillance from shops and road. No DDA toilet or parking. Informal street parking rolled kerb. Old and outdated fixtures, interior and exterior.	IW: Ongoing maintenance and operation until the new Masterplan of site is defined and approved. MW: Provide improved on street DDA parking. Provide and orientate the new Type B - District Toilets to create an inviting connection with shops and communal area. (Allow for future expansion or additional recreational and community functions)
							
EW08	BL0203	Kulnura Memorial Hall Public Toilet	Kulnura	GPT: Local, tennis courts	55	Poor siting and surveillance. No DDA toilet or parking connection. Roof maintenance required. Toilets are clean and well maintained. Outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Renovate the toilets for use by the Community Hall or other purpose after end of life. Provide new Type A - Local Toilets closer to Greta Road facing the shop and petrol station and roads for greater passive surveillance. Provide clear sightlines from tennis courts and playground area.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

**Notes:**

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans.  
The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## 2.7.2 Public Toilet (DDA Accessible) Network in Wyong Area

Overview analysis:

- The general aim of this analysis is to determine whether the Wyong area has sufficient DDA accessible toilets available against the benchmark supply ratio and to identify priority of the implementation whereby a public toilet does not have a compliant DDA toilet facility.
- There are a total of 11 existing public DDA accessible toilets in the Wyong area.
- Out of the 8 existing toilets that were inspected by CM<sup>+</sup> across the Wyong area, only 7 toilets were accessible under the DDA compliance guidelines.
- Figures 52 - 55 denote the existing toilets that are currently DDA accessible. The non-DDA compliant toilets are noted to be of the highest priority to be upgraded to the current DDA standard - unless the relevant authority deems the site to be unsuitable for accessible toilets.
- To promote inclusivity and diversity DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council may elect to alter opening hours or limit use to MLAK only.

Wyong Area Benchmark Indicator	
Population in 2022*	76,105
Total existing DDA accessible public toilets	11
Benchmark Indicator existing DDA accessible public toilets per 1000 people	0.14

Table 43: Existing DDA accessible public toilet per 1000 people

WYONG AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED				
NO.	Building ID	Name	Typology	Accessible
EW01	BL-0158	Craigie Reserve Public Toilet	General public toilets	Yes
EW02	BL-0186	Apex Park Public Toile	General public toilets	Yes
EW03	BL-0393	Wyong Old School Public Toilet	Town Centre public toilets	Yes
EW04	BL-0342	Lions Park Public Toilet	General public toilets	Yes
EW05	BL-0335	Woodburys Inn Reserve Public Toilet	General public toilets	Yes
EW06	BL-0256	Sohier Park Public Toilet	General public toilets	Yes
EW07	BL-0246	Glenn Rd Public Toilet	General public toilets	No
EW08	BL-0203	Kulnura Memorial Hall Public Toilet	General public toilets in remote areas	Yes

Table 44: Existing DDA accessible inspected public toilets (7 out of 8) in the Wyong area

WYONG AREA EXISTING DDA ACCESSIBLE PUBLIC TOILETS (COUNCIL-OWNED)			
Building ID	Name	Typology	Accessible
BL-0193	Jack Gear Reserve Public Toilet	General public toilets	Yes
BL-0811	Narara Valley Precinct Park Public Toilet	General public toilets	Yes
BL-1003	Don Small Oval Public Toilet	General public toilets	Yes
BL-1046	Regional Sporting Complex Overflow/Portable Toilet	General public toilets	Yes

Table 45: Existing DDA accessible public toilets (4 out of 4) in the Wyong area



**WYONG**  
**MAP 01 EXISTING TOILETS DDA ACCESSIBLE**

- ▬ Central Coast LGA boundary
- Wyong boundary
- Inspected toilets
- General public toilets
- General public toilets in remote areas
- Parks and reserves
- State Forest and National Parks
- Heritage
- 10 minute walking catchment (600m radius)

**Wyong Area Benchmark Indicator**

Population in 2022*	76,105
Total existing public toilets	11
Benchmark Indicator existing public toilets (Public toilet blocks per 1000 people)	0.14

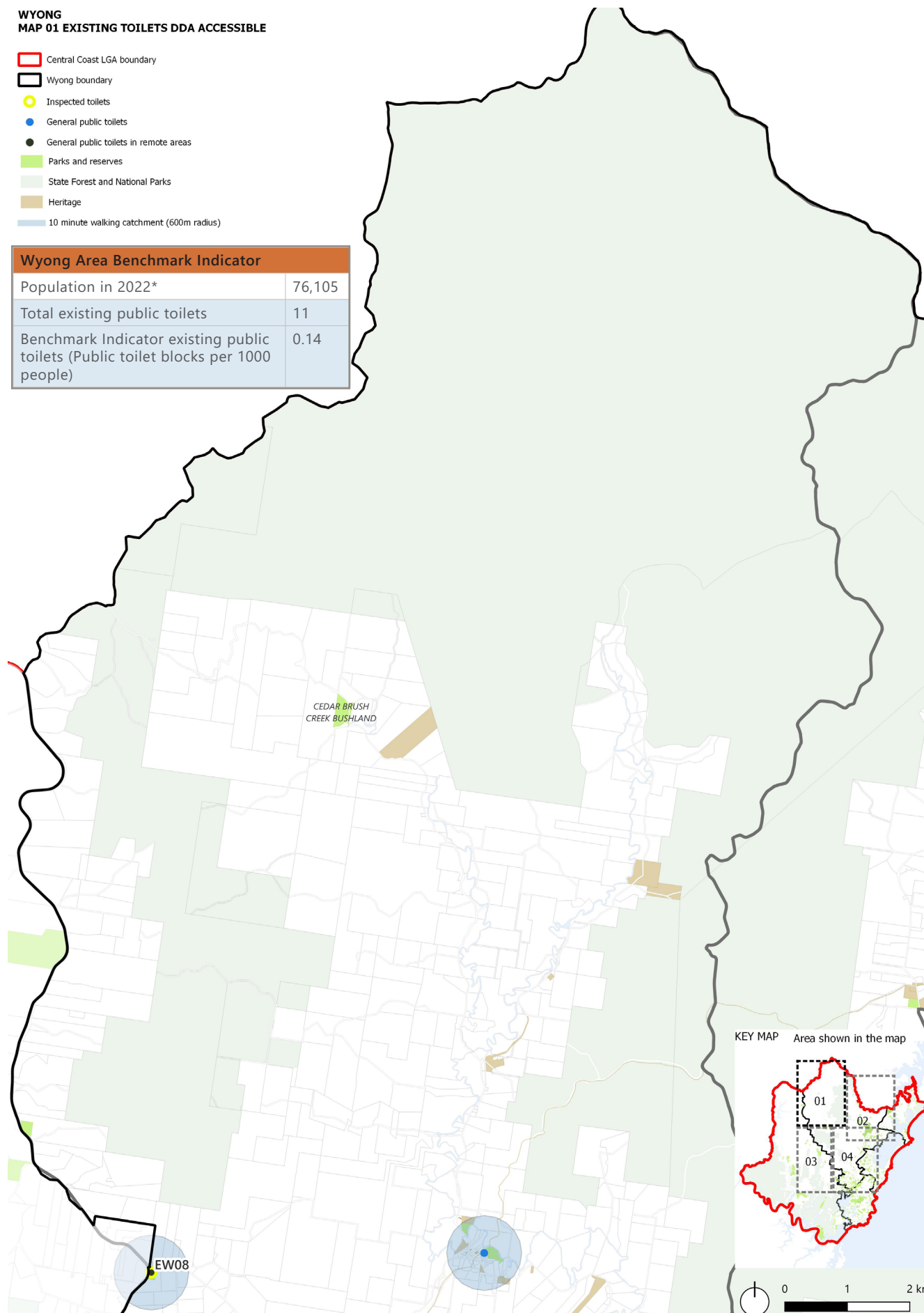


Figure 52: Existing public toilets DDA Accessible Toilets in the Wyong area

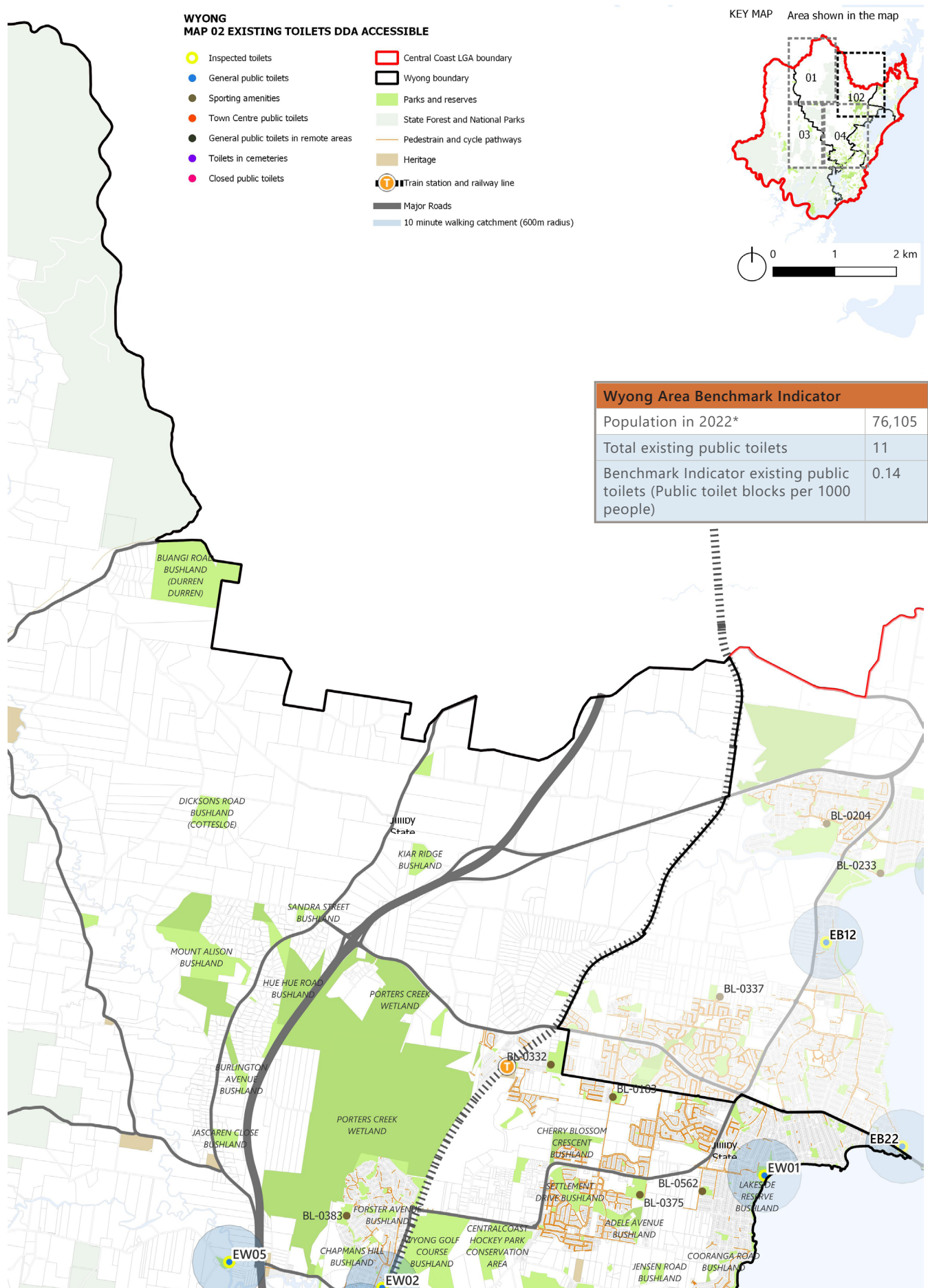


Figure 53: Existing public toilets DDA Accessible Toilets in the Wyong area

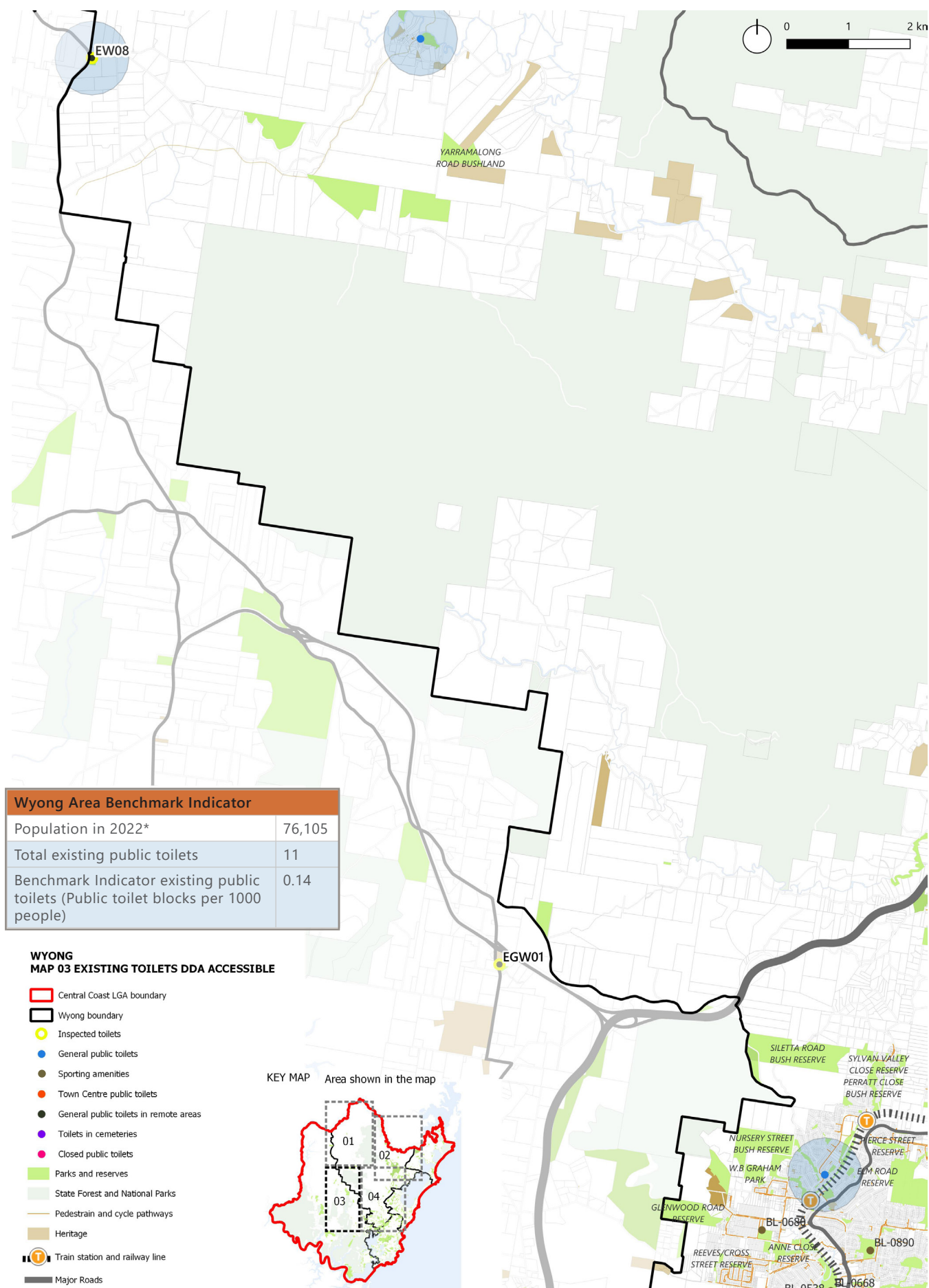


Figure 54: Existing public toilets DDA Accessible Toilets in the Wyong area



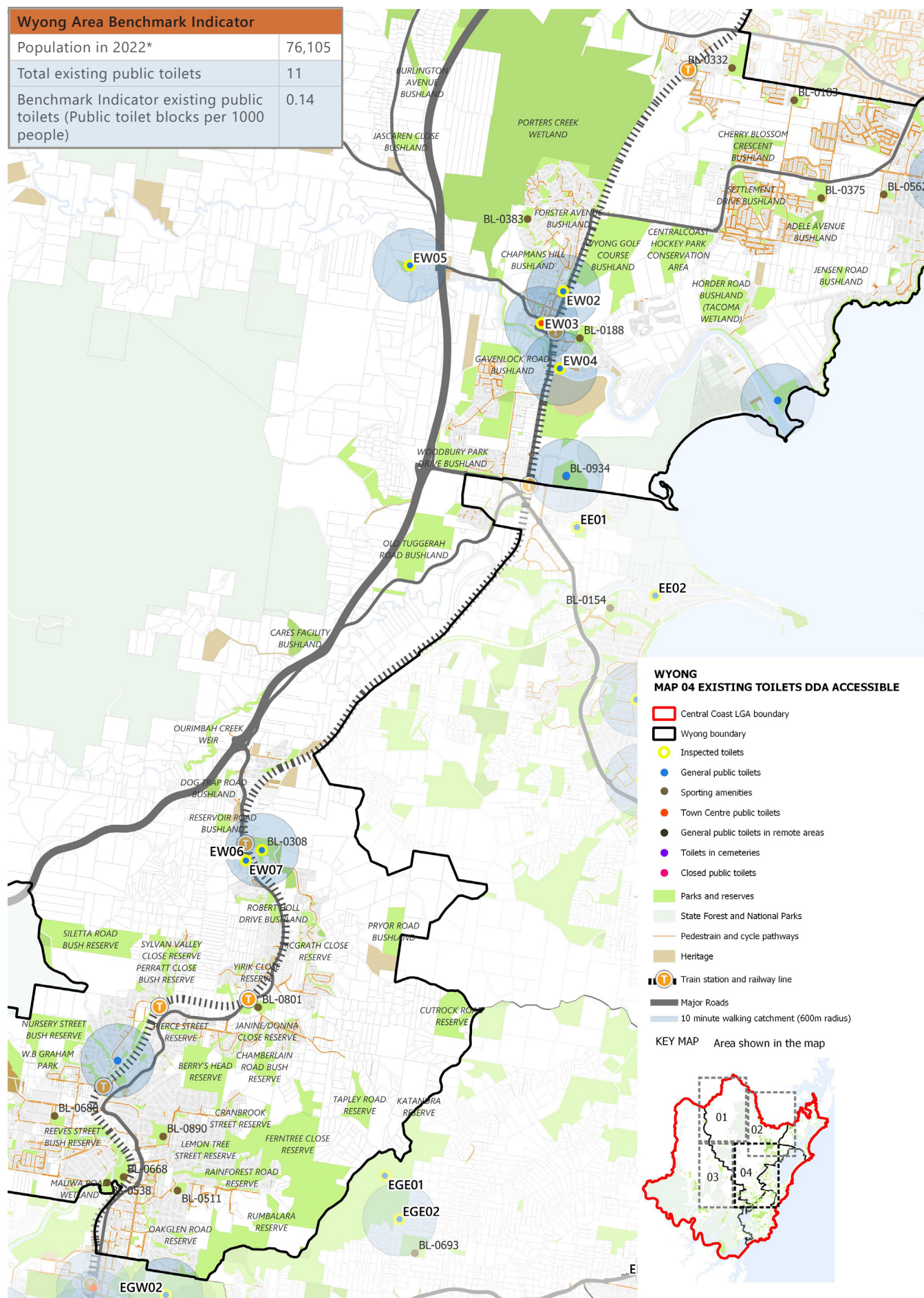


Figure 55: Existing public toilets DDA Accessible Toilets in the Wyong area

## 2.7.3 Public Toilet and Shared Toilet Networks in Wyong Area

Overview analysis:

- The general aim of this analysis is to show a snapshot of the actual supply of existing public toilets both from Council-owned and publicly accessible toilets across the LGA which includes those at train stations, shopping malls, libraries, National Parks, campgrounds, tennis clubs, and Council multi storey carpark. Its inclusion in the assessment aid the team in finding the actual gaps and be able to fill in by opportunities of new public toilets.
- There are a total of 26 public toilets in the Wyong area which include the existing (Council-owned) and shared toilets. Out of the aggregated 26 public toilets available, there are 14 additional shared toilets which the public has easy access to.
- Figures 56 - 59 show additional overlays of shared public toilets in shopping centres such as in Wyong, Wyoming, and Niagara Park, and Wyong Town Centre. With these additional public toilets, the recommended public toilet ratio to population is still insufficiently achieved.

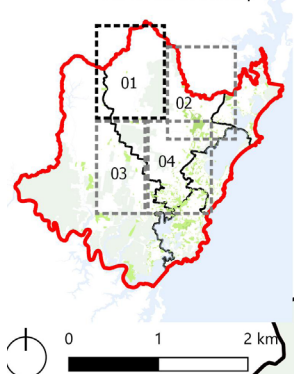
Wyong Area Benchmark Indicator	
Population in 2022*	76, 105
Total existing public toilets (Council-owned)	12
Total shared toilets	14
TOTAL	26
Benchmark Indicator existing public toilets per 1000 people	0.34

Table 46: Existing and shared toilets per 1000 people

**WYONG**  
**MAP 01 EXISTING + SHARED TOILETS**

- ▬ Central Coast LGA boundary
- ▬ Wyong boundary
- Inspected toilets
- General public toilets
- General public toilets in remote areas
- Parks and reserves
- State Forest and National Parks
- Heritage
- 10 minute walking catchment (600m radius)

KEY MAP Area shown in the map



Wyong Area Benchmark Indicator	
Population in 2022*	76, 105
TOTAL public toilets (existing council owned + shared)	26
Benchmark Indicator existing public toilets per 1000 people	0.34

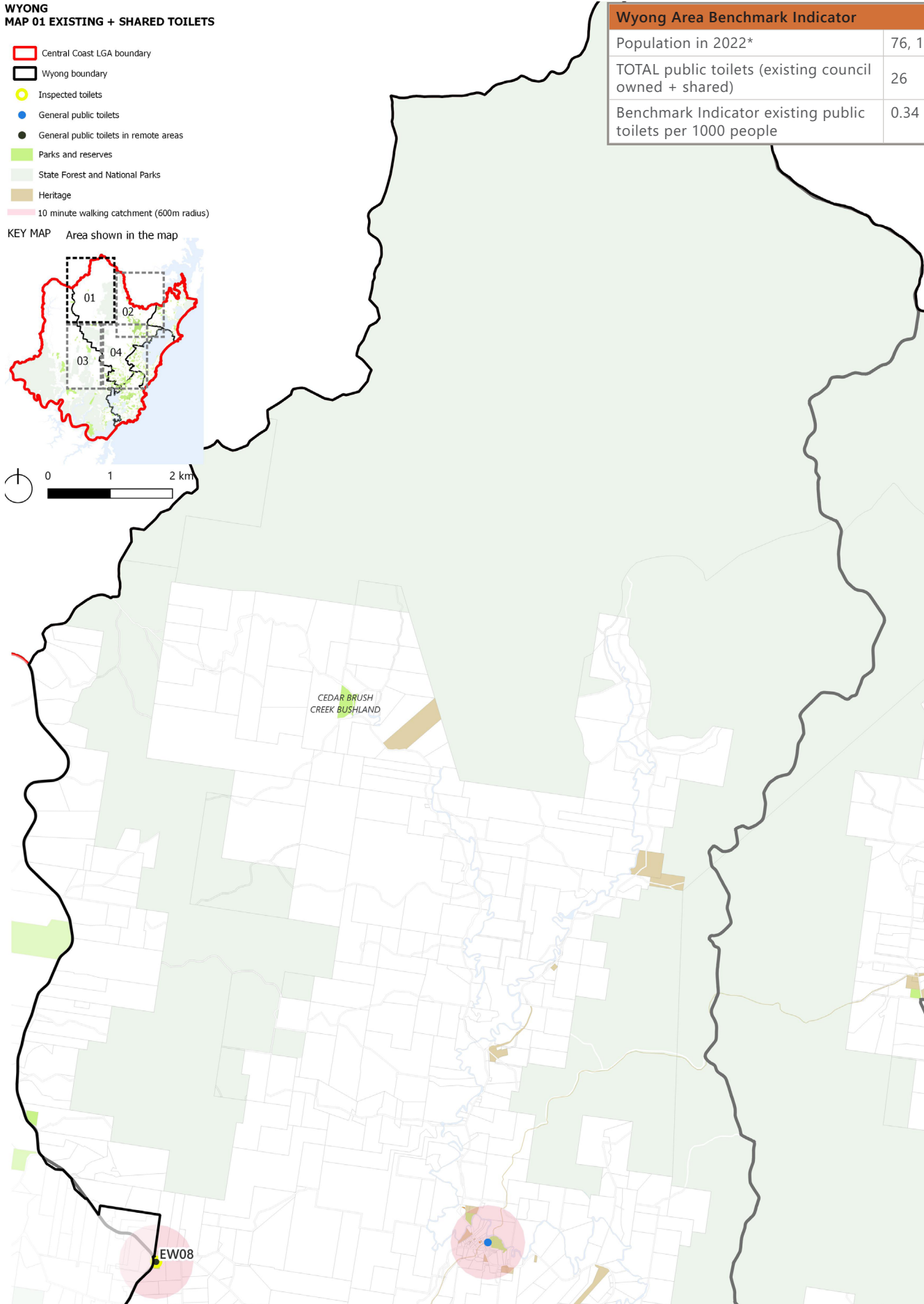


Figure 56: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Wyong area



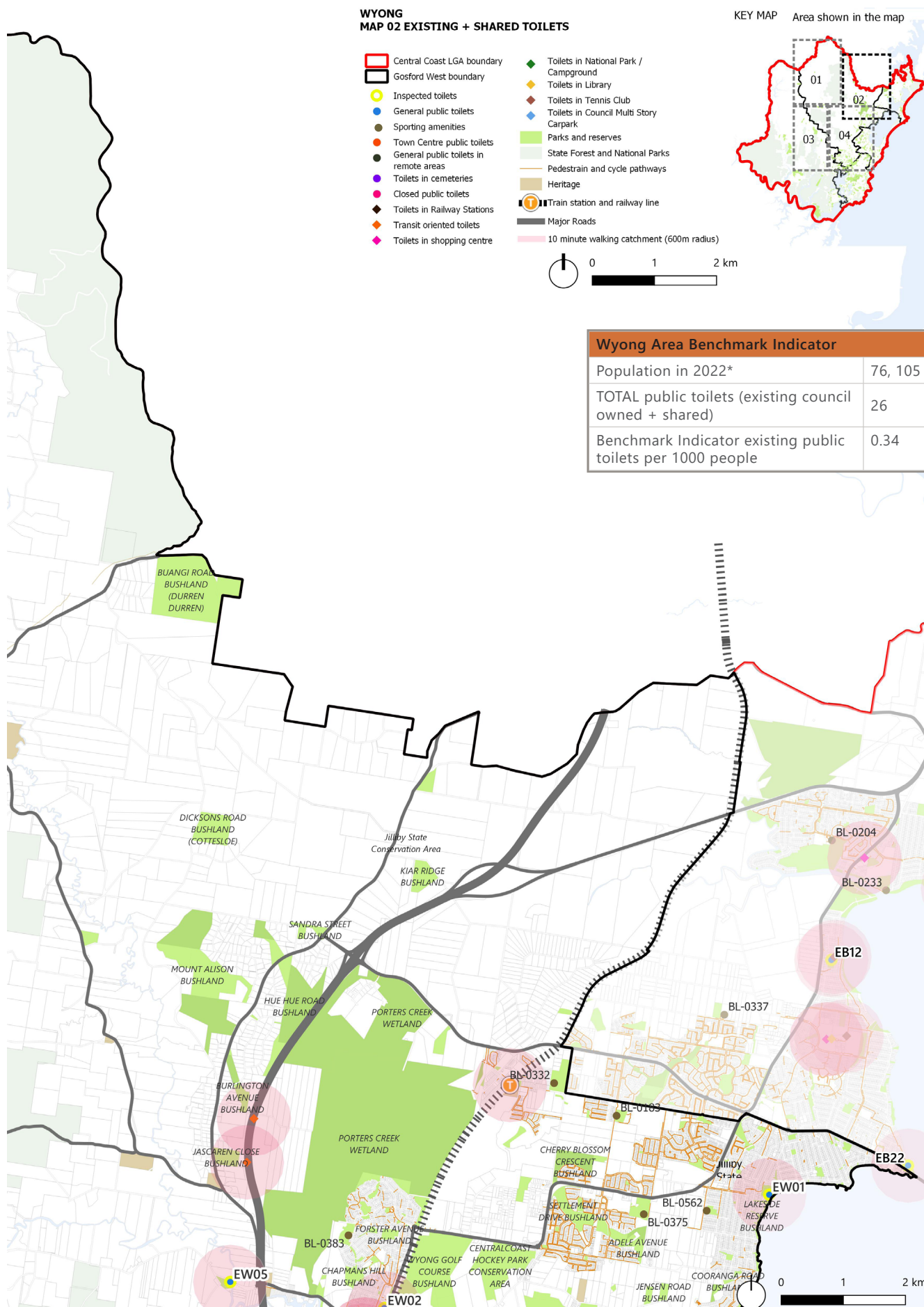


Figure 57: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Wyong area

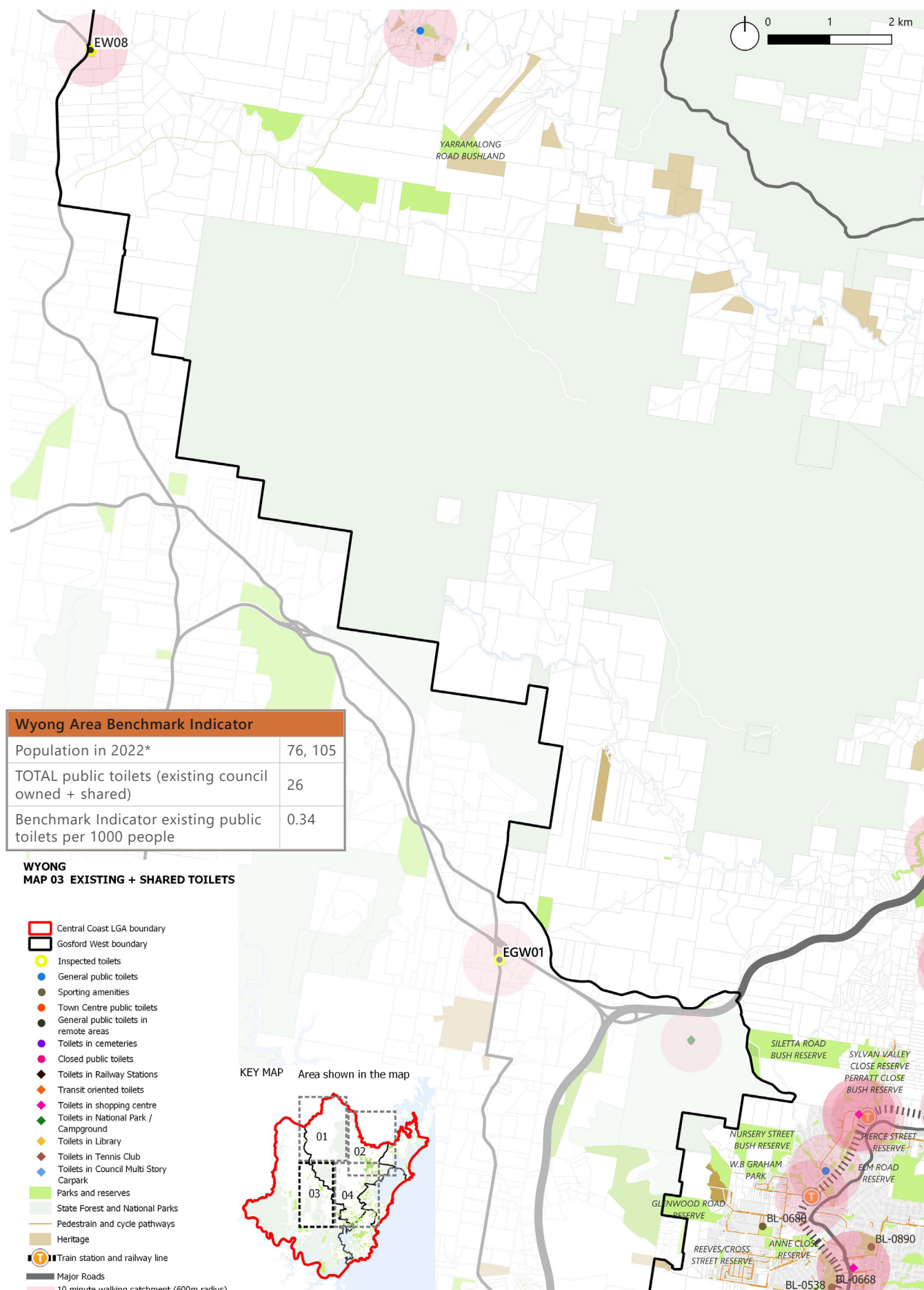


Figure 58: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Wyong area



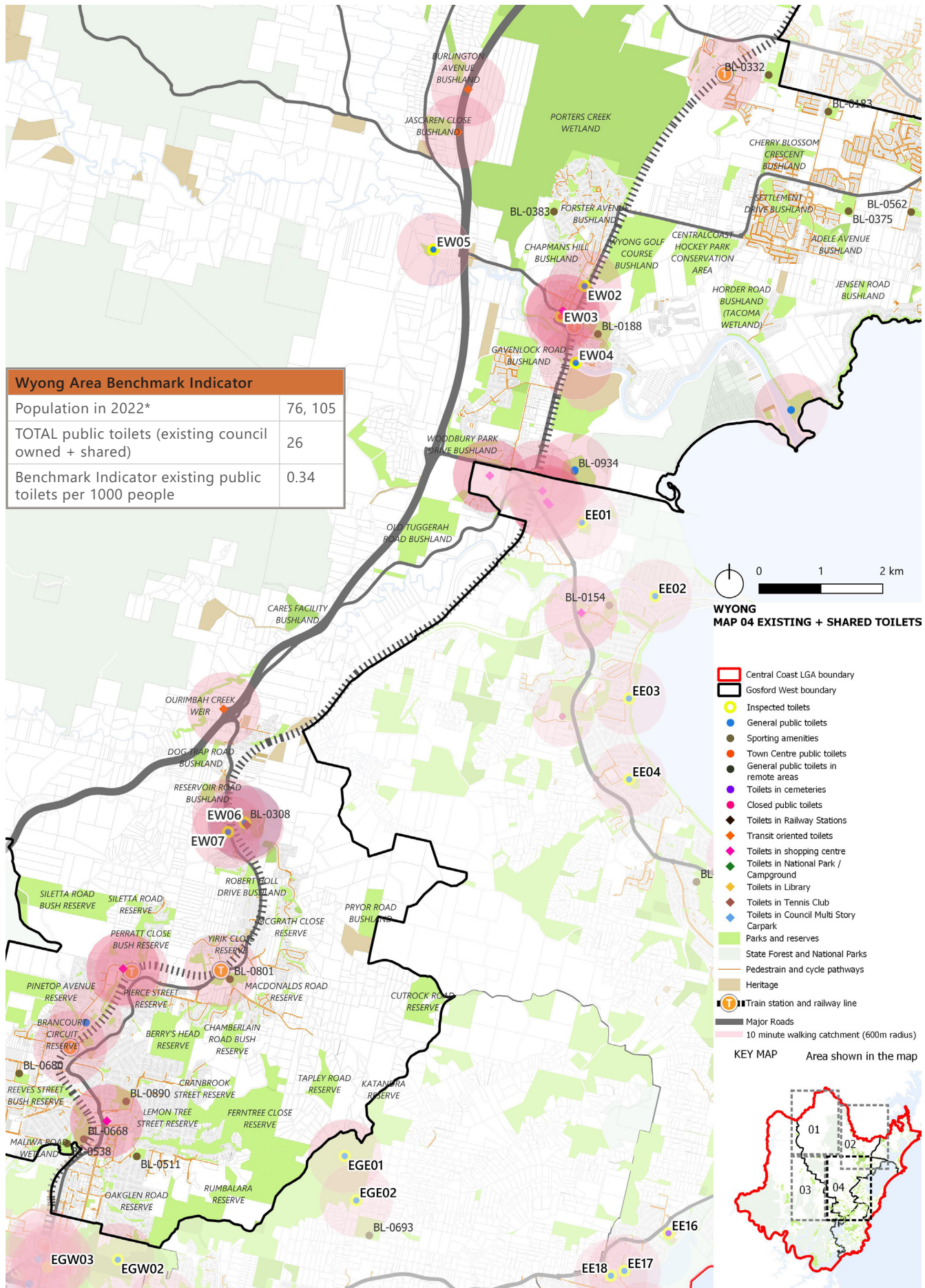


Figure 59: Existing public toilet (Council-Owned) network with Shared Toilets overlay in the Wyong area  
CENTRAL COAST PUBLIC TOILET STRATEGY



## 2.8 Tourist Areas

This section provides an overview of key existing and future tourism destinations and projects, and their relation to access to public toilets. Refer to the maps on the following pages.

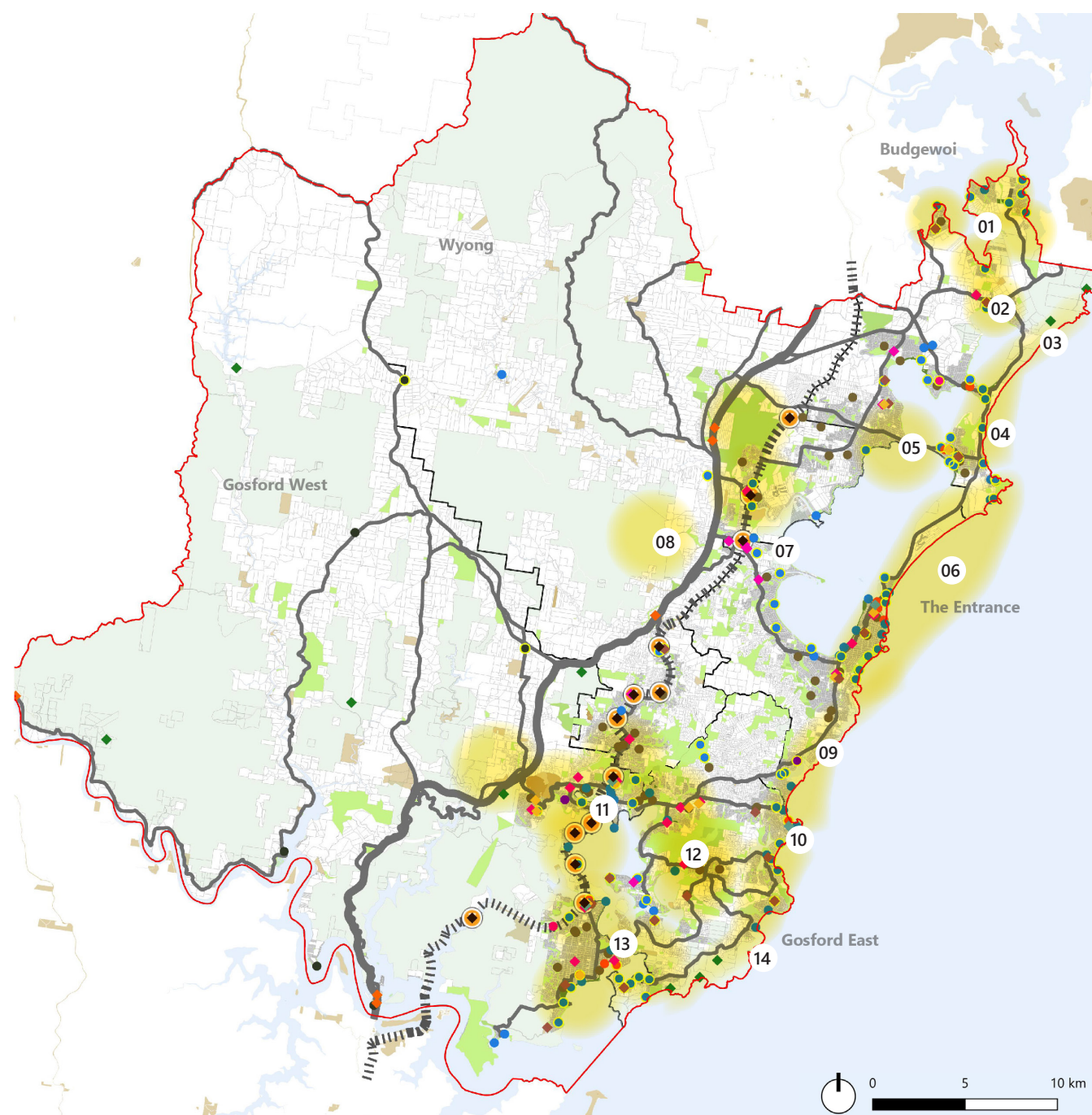
The following are key future priorities and projects identified in the tourism and destination strategy:

### Major Visitor Destinations:

- Coastal areas are the primary attraction.
- Gosford serves as the main urban area, offering visitor services and hosting events.
- South Coast, especially Terrigal and Bouddi National Park, are popular.
- Avoca Beach and Long Jetty are notable attractions.
- Hinterland Region features include the Australian Reptile Park, Glenworth Valley, Broken Bay Pearl Farm, and offers food experiences.
- Ourimbah - Mountain Bike Park.
- Terilbah Reserve and The Entrance North are highlighted.
- Wyong, on the North Coast, is emerging as an art and culture destination with precincts including Toukley and Norah Head.

### Priority Projects:

- Central Coast Township Revitalisation Projects, with a focus on Gosford.
  - Gateway interventions at Mooney Mooney and Bushells Ridge.
- Waterways Tourism Precincts:
  - Brisbane Water (Gosford).
  - Kincumber.
  - Broadwater.
  - Tuggerah Lake.
  - Wyong River.
- Aboriginal + Water:
  - Feasibility study and business plan for Darkinjung Waterway.
- Pathways/Trails:
  - Investigate the feasibility of a coastal trail from Frazer Park to The Entrance.
  - Implement shared pathways such as Point Clare to Gosford Railway Shared Path and continuation of the Magenta Shared Path.



#### TOURIST AREAS

- Central Coast LGA boundary
- Tourism activity
- Parks and reserves
- State Forest and National Parks
- Heritage
- T

 Train station and railway line
- Major Roads

1. Lake Macquarie Reserve, Summerland Point Reserve, James Vale Reserve
2. Lake Munmorah, Colongra Swamp Nature Reserve and Anchor cove
3. Frazer Park, Elizabeth Bay and Birdie Beach
4. Budgewoi Lake, Norah Head, Lake Beach, Hargraves Rock and beach
5. Tuggerah Lake
6. Terilbah Reserve, The Entrance North and The Entrance, Long Jetty, Tuggerah Beach
7. Wyong River, Darkinjung Waterway
8. Ourimbah Mountain Bike Park
9. Wamberal Beach, Forresters Beach, Wyrabalong Reserve
10. Avoca Beach and lake
11. Gosford City Centre, Point Clare, Brisbane water, Mooney Mooney Creek
12. Kincumber Mountain Reserve and Broadwater
13. Brisbane Water
14. South Coast beaches (MacMasters Beach, Killcare Beach, Pretty Beach etc) and Bouddi National Park

Figure 60: Major tourist areas in the LGA

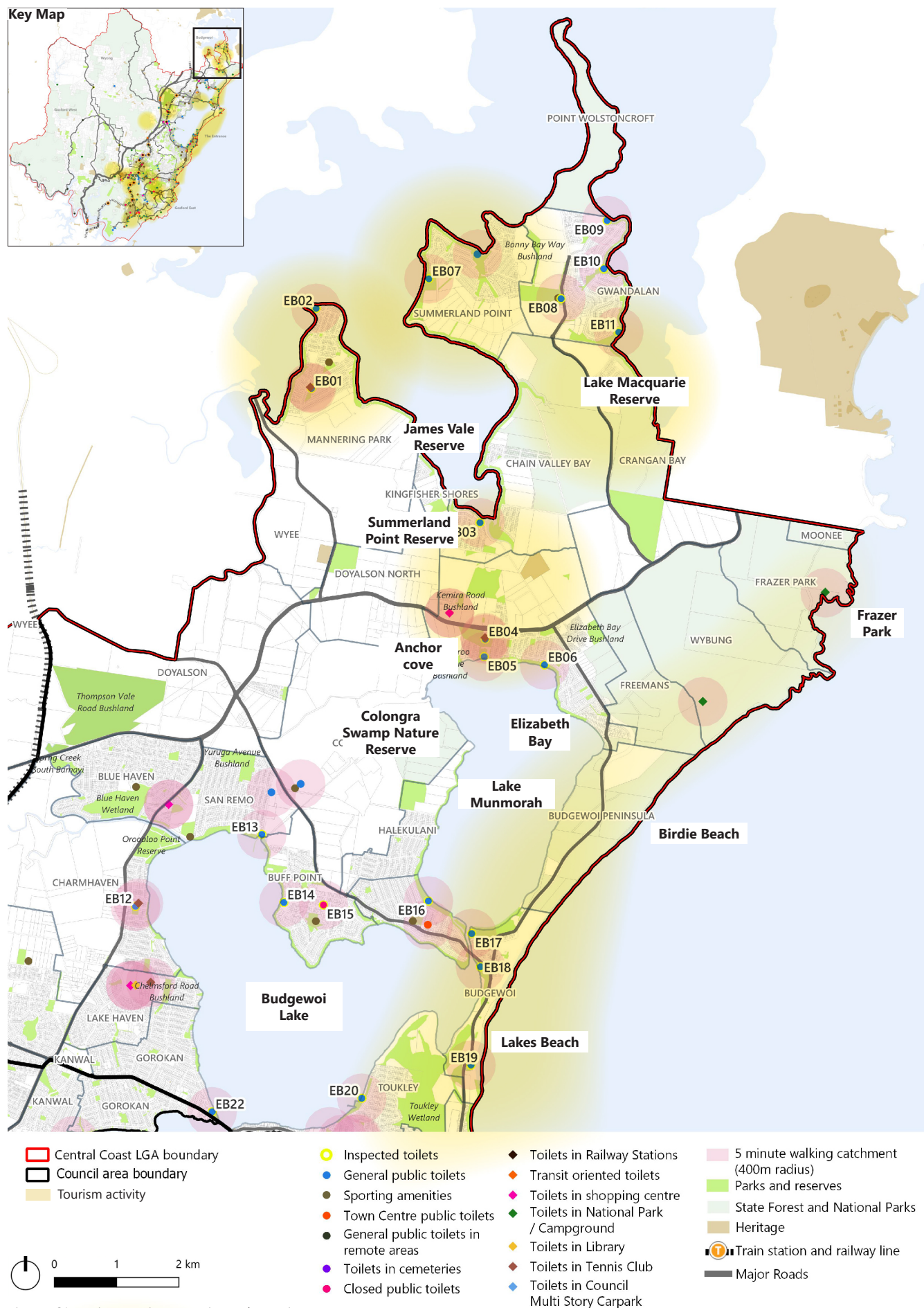
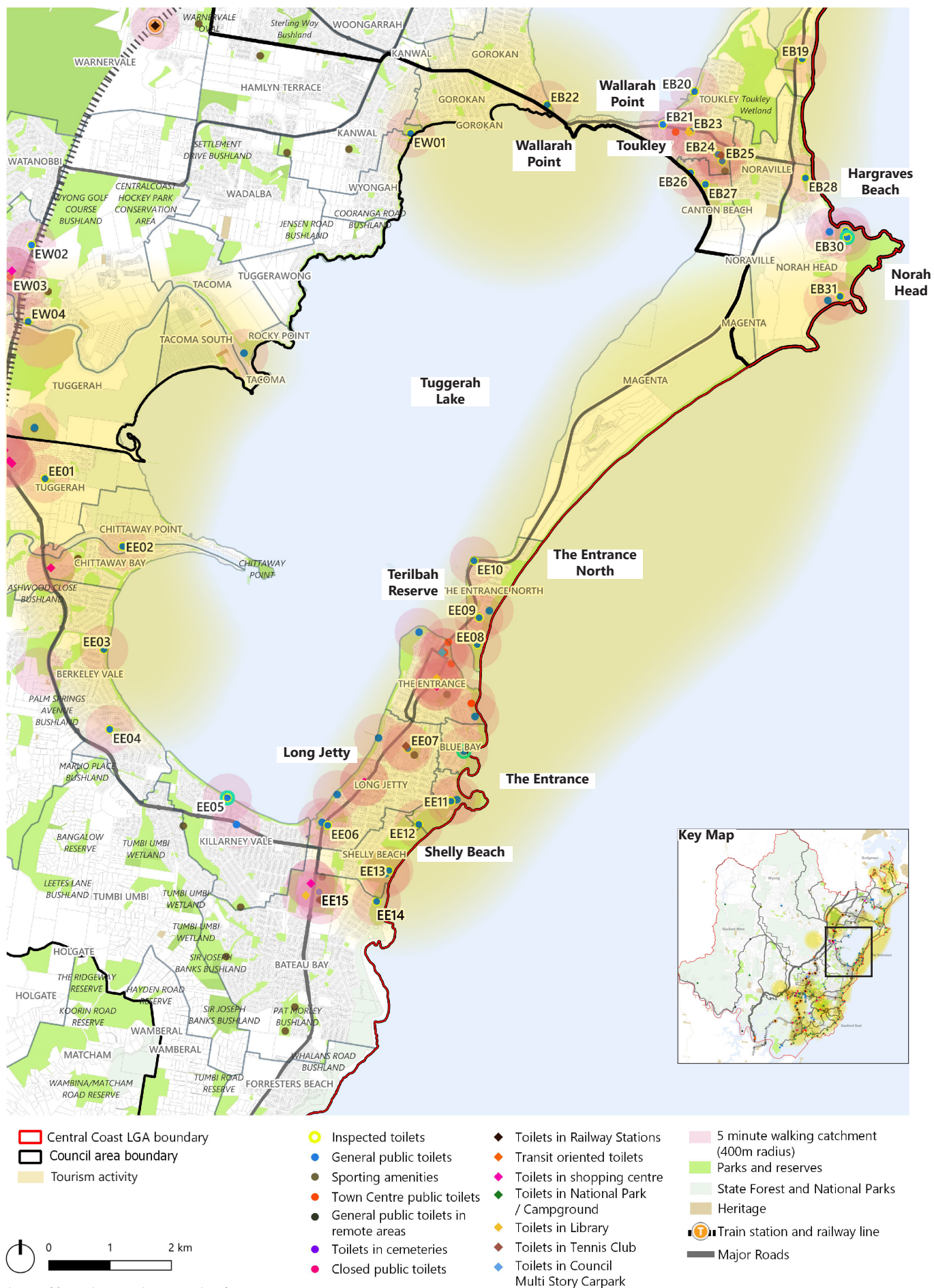


Figure 61: Major tourist areas in Budgewoi

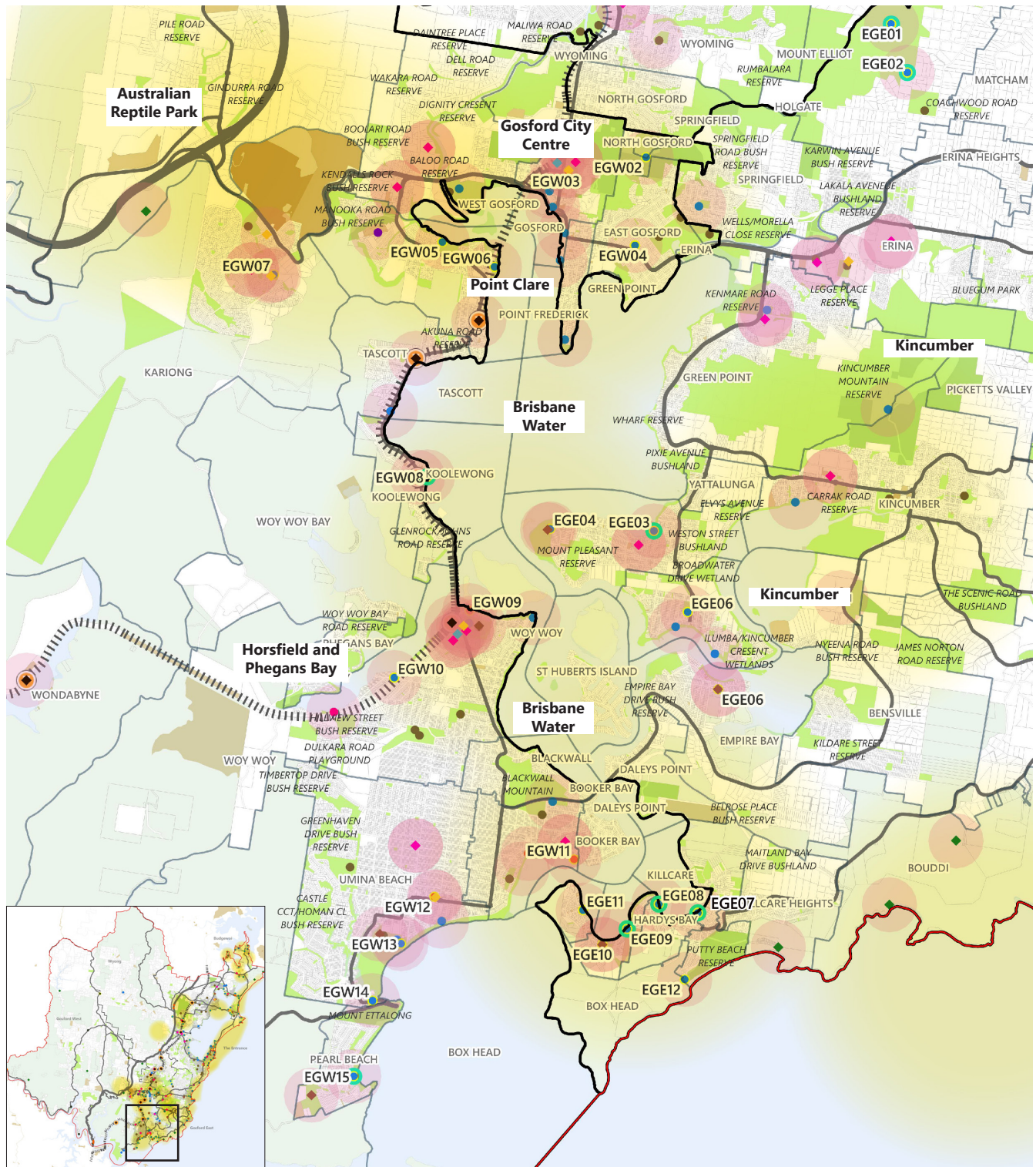












- Central Coast LGA boundary
- Council area boundary
- Tourism activity

- Inspected toilets
- General public toilets
- Sporting amenities
- Town Centre public toilets
- General public toilets in remote areas
- Toilets in cemeteries
- Closed public toilets

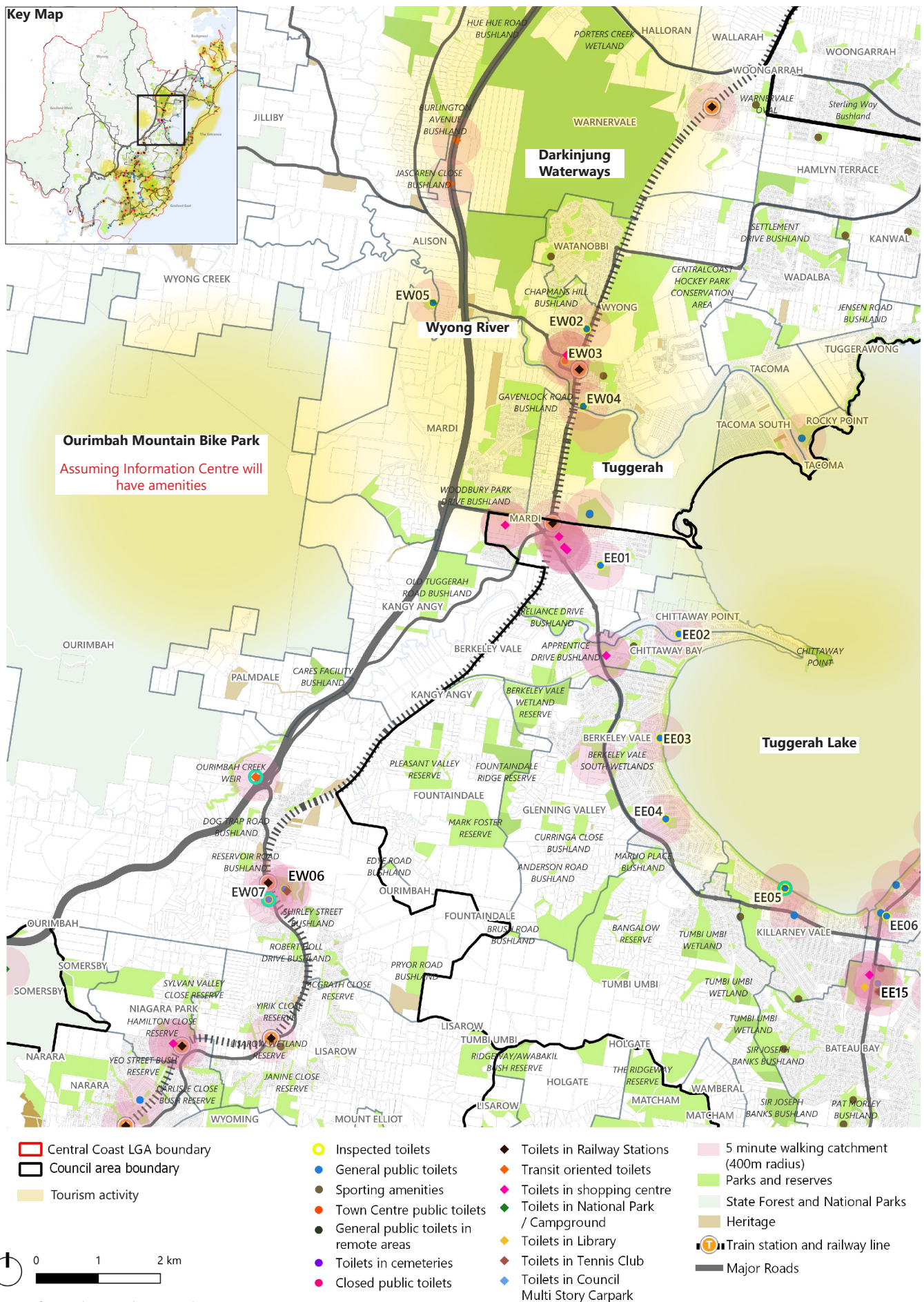
- ◆ Toilets in Railway Stations
- ◆ Transit oriented toilets
- ◆ Toilets in shopping centre
- ◆ Toilets in National Park / Campground
- ◆ Toilets in Library
- ◆ Toilets in Tennis Club
- ◆ Toilets in Council Multi Story Carpark

- 5 minute walking catchment (400m radius)
- Parks and reserves
- State Forest and National Parks
- Heritage
- Train station and railway line
- Major Roads



Figure 64: Major tourist areas in Gosford West









3



# 3 GAP ANALYSIS AND OPPORTUNITIES

## 3 Gap Analysis and Opportunities

### 3.1 Gaps and Opportunities for New Public Toilets

#### New Public Toilets Opportunities (Strategy Identified)

Following the Strategic Analysis assessment measures review outline in Section 1.5 - from public toilet catchment (radius) map overlays, public toilet ratio to population review, demand factors assessment of specific sites, and operational access review, there are 27 identified sites with gaps and opportunities for potential new public toilets.

The gaps and opportunities sites are also considered with key inputs from Council's stakeholders, asset and operational team, community groups engagement and historical community/residents' feedback.

Furthermore, existing sports amenity buildings have been found to be closed to the public and these 60 sites have demand factors for a public toilet. Therefore the general recommendation for existing sports pavilion amenities is to be modified to open a section of the toilets to the public or add new public toilets to these sites. The existing sports pavilion site conditions have not been assessed or reviewed in the scope of this Strategy.

Table 47 indicates the total number of existing, redundant, new public toilets and existing modified sports amenities required in order to achieve the benchmark ratio for Central Coast LGA public toilet sites.

Other key areas of consideration in identification of the gaps and opportunities of the public toilets include:

#### • Open Spaces

The Playspace Strategy identified 16 new open space areas. Based on the hierarchy of these spaces, provisions for new toilet facilities will be required.

#### • Skateparks

In the establishment of new, regional and district skateparks, it is recommended that the minimum standard of Type A is implemented.

Toilets in skatepark areas are to be co-located closer to other facilities such as playgrounds and carparking.

Public toilets should be co-located with play areas and carparking to create passive surveillance.

#### • New Urban Development

As the urban population expands, a corresponding rise in the demand for public toilets is inevitable. Consequently, for new urban developments, a comprehensive evaluation of the anticipated future demand for public toilets is highly recommended. This

proactive approach ensures that infrastructure planning aligns with the evolving needs of the community.

#### • Tourism

Review new tourism precincts, which will have a higher and seasonal demand for public toilets. The public toilets are critical in supporting the experience and amenities offered in key tourist areas, which in turn contributes to the economy of the Central Coast LGA.

#### • 24/7 Public Toilets

Public toilets in areas with a high homeless population are to be considered as additional priority points to aid vulnerable members of the community.

These public toilets are encouraged to be provisioned with 24/7 access (24/7 public toilets) with consideration of safety controls. These 24/7 public toilets should be co-located with activities such as parking, shops, and other active mixed use for passive surveillance.

24/7 public toilets may allow other charitable/community organisations to be involved, as a platform to support vulnerable groups and provide dignity to those in need.

Total Population of Central Coast in 2022*	349,170
Total existing public toilets	152 <sup>^</sup>
Public toilet sites <sup>^</sup> to 2022 population ratio (public toilet facility site per 1000 people)	0.43
Public toilet sites <sup>^</sup> to 2034 population ratio (public toilet facility site per 1000 people)	0.38
Total forecast population of Central Coast in 2034*	400,068
Total existing public toilets	152
Total redundant existing to be demolished	11
Total new public toilets (Refer to 1.7: Gap and Opportunities for New Public Toilets)	27
Total existing sports amenity buildings	60
Grand total existing, to be demolish and new toilets (excluding sports pavilion amenity)	168 <sup>^^</sup>
Public toilet sites <sup>^^</sup> to forecasted 2034 population ratio (public toilet facility site per 1000 people)	0.42
Grand total existing, to be demolish, new toilets, and sports pavilion opened public toilets.	228 <sup>^^^</sup>
Public toilet sites <sup>^^^</sup> to 2022 population ratio (public toilet facility site per 1000 people)	0.65 (0.55-0.60 range)
Public toilet sites <sup>^^^</sup> to forecasted 2034 population ratio (public toilet facility site per 1000 people)	0.57 (0.55-0.60 range)

Table 47: Summary of existing and proposed public toilets with approximate population forecast.

Notes:

\* The 2022 population is based on the ABS website. The 2034 population forecast is high level approximate only, using the annual growth rate from the ABS website.

\*\* The land area is lifted from Central Coast Council website: <https://profile.id.com.au/central-coast-nsw/>



New Public Toilets			
No	Name	Area	Typology
NB01	Buff Point Oval	Budgewoi	Type A/Existing Sport Facility Amenity under Review.
NB02	John Pete Howard Reserve		Type B
NB03	San Remo Extreme Sports Park		Existing Sport Facility Amenity under Review.
NB04	Mulloway Road Foreshore		Type A
NB05	Blue Haven Oval		Type A/Existing Sport Facility Amenity under Review.
NB06	Ridgetop Park		Type A
NB07	Hilltop Park - Hakone Road		Type A
NE01	Pat Morley Oval	The Entrance	Existing Sport Facility Amenity under Review.
NE02	Lions Park, Chittaway Bay		Type B
NE03	Terilbah Reserve		Type A and C
NE04a and NE04b	Magenta Shared Pathway		Type A*
NGE01	Bushlands Avenue - District	Gosford East	Type A
NGE02	Duffys Road Oval		Type A/Existing Sport Facility Amenity under Review.
NGE03	Patrick Croke Oval		Type A/Existing Sport Facility Amenity under Review.
NGE04	Frost Reserve		Type A/Existing Sport Facility Amenity under Review.
NGE05	Mackillop Oval		Type A/Existing Sport Facility Amenity under Review.
NGW01	Elizabeth Ross Park	Gosford West	Type A
NGW02	Rogers Park		Type A/Existing Sport Facility Amenity under Review.
NGW03	Fred Pinkstone Oval		Type A
NW01	Hamlyn Terrace Oval	Wyong	Existing Sport Facility Amenity under Review.
NW02	Narara Skatepark		Type A/Existing Sport Facility Amenity under Review.
NW03	Maidens Brush Oval		Type A/Existing Sport Facility Amenity under Review.
NW04	Kanwal Oval		Existing Sport Facility Amenity under Review.
NW05	Tuggerawong Road Reserve		Type B
NW06	Mascord Park		Type A/Existing Sport Facility Amenity under Review.
NW07	Tuggerah Regional Sports Complex		Type B/Existing Sport Facility Amenity under Review.

Table 48: New Public Toilet Opportunities

\* Note: Magenta Shared Pathway is located within the Wyrabalong National Park. Partnership with National Parks can be explored to fund new public toilets.

### 3.2 Gaps and Opportunities for New Public Toilets across the Central Coast

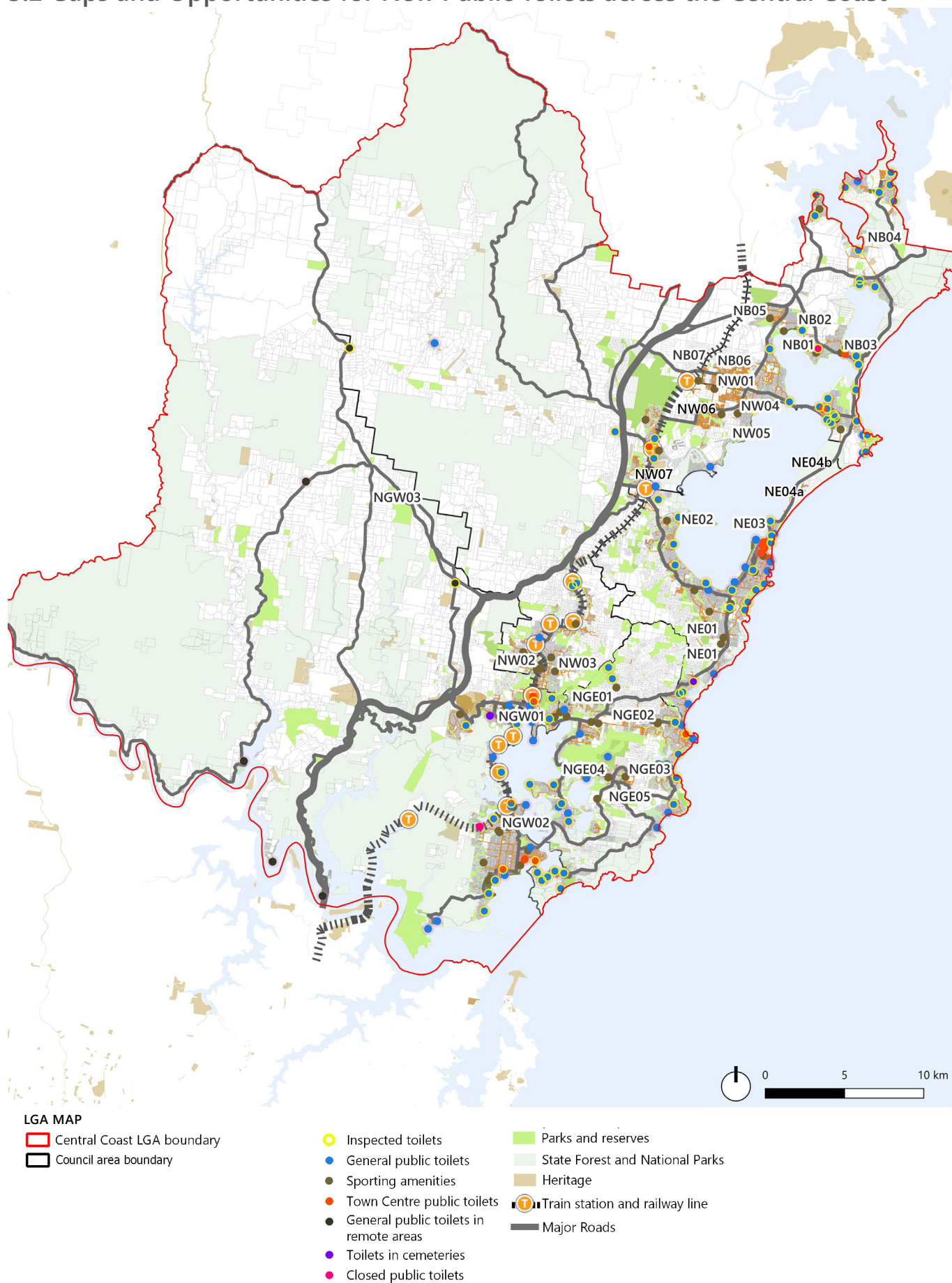
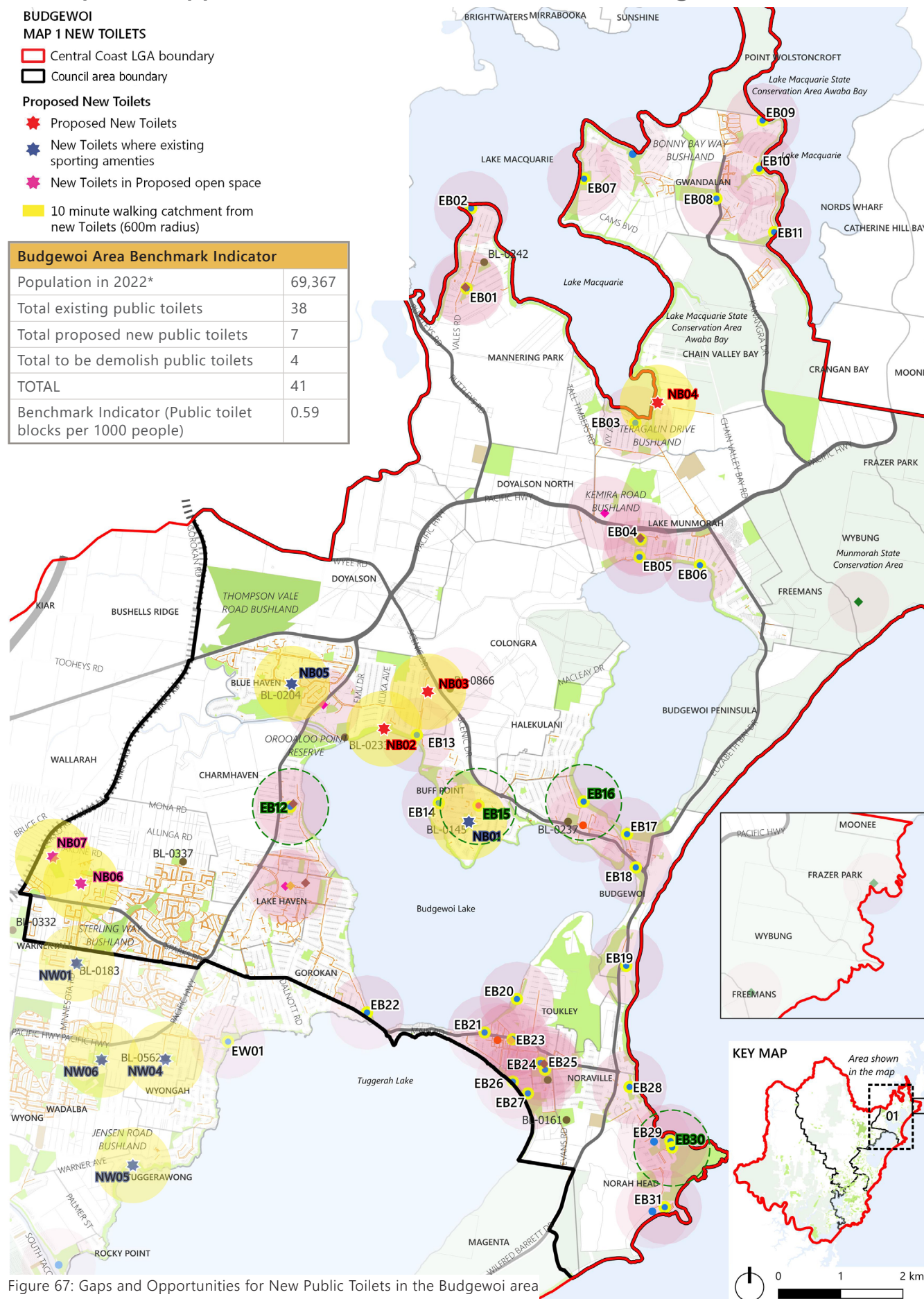


Figure 66: The LGA Map

### 3.3 Gaps and Opportunities for New Public Toilets in Budgewoi

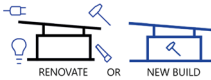



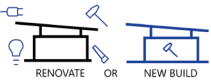



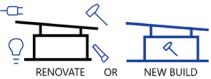


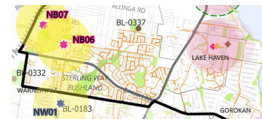

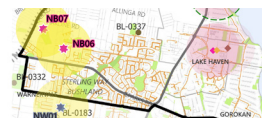




Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

### BUDGEWOI AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NB01	Buff Point Oval	Buff Point	GPT - Playground (Local), sportsground (Category 3), new Dog OLA	IW: Council to convert part of the existing sport facility (BL0145) for public access and use. MW: New Type A - Local Toilets, or combine public toilet with a new sports amenity.
				
NB02	John Peter Howard Reserve Playground	San Remo	GPT - Playground (District)	MW: Demolish EB13 San Remo amenity. Provide new Type B - District Toilets. Civil upgrade work to Council Scope (Parking/Services).
				
NB03	San Remo Extreme Sports Park	San Remo	GPT - Skatepark (District) - BMX Track	IW: Council to convert part of the existing public toilet facility (BL0232) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
				
NB04	Mulloway Road Foreshore	Chain Valley Bay	GPT - Playground (Local), Boat Ramp	MW: New Type A - Local Toilets. Civil upgrade work to Council Scope (Parking/Services).
				
NB05	Blue Haven Oval	Blue Haven	GPT - Sportsground, Skatepark (Local), Community Centre	IW: Council to convert part of the existing sport facility (BL0204) for public access and use. MW: New Type A - Local Toilets
				
NB06	Ridgetop Park	Woongarra	GPT - Playground (TBC)	MW: New Type A - Local Toilets (Subject to project budget)
				
NB07	Hilltop Park - Hakone Road	Woongarra	GPT - Playground (TBC), potential pump track (District)	MW: New Type A - Local Toilets (Subject to project budget)
				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

### 3.4 Gaps and Opportunities for New Public Toilets in The Entrance

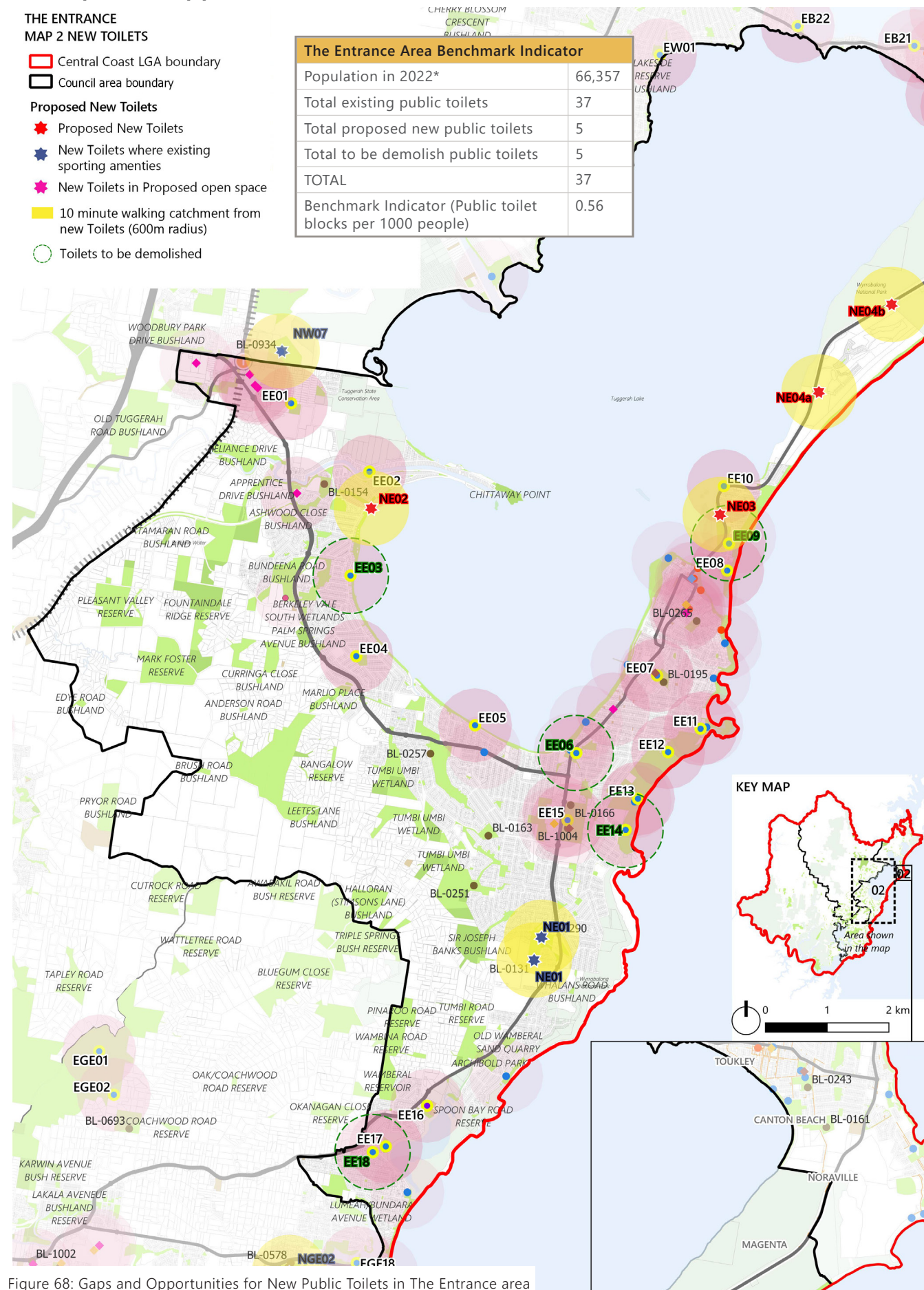
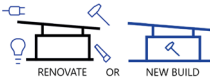









Figure 68: Gaps and Opportunities for New Public Toilets in The Entrance area

Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

THE ENTRANCE AREA NEW PUBLIC TOILETS OPPORTUNITIES				
No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NE01	Pat Morley Oval Junior Fields + Bateau Bay Softball/AFL Oval	Bateau Bay	GPT - Playground (Local), Sportsground (Category 1)	<p>IW: Council to convert part of the existing sport facilities (BL0290 + BL0131) for public access and use.</p> <p>This is the preferred option in MAIN WORK.</p> <p>Further site inspection required to existing facility to determine the scope of work.</p>
				
NE02	Lions Park Chittaway Bay Playground	Chittaway Bay	GPT - Playground (Local)	<p>MW: Demolish EE03 Bluebell Park amenity, 1km south. Provide new Type B - District Toilets. Civil upgrade work to Council Scope (Parking/Services).</p>
				
NE03	Terilbah Reserve	The Entrance	GPT - Playground (Regional)	<p>MW: Provide EE10 Pelicans Wharf (Sensory Garden) 1km north with Type A - Local Toilets. Provide new Type C - Regional Toilets near the playground and car park. Investigate upgrade to Robert Street with traffic light, crossing to The Entrance playground and future amenity. Civil upgrade work to Council Scope (Parking/Services).</p>
				
NE04a + NE04b	Magenta Shared Pathway	Magenta	GPT - National Park	<p>MW: Two new Type A - Local Toilets for remote and unsewered sites. Civil upgrade work to Council Scope (Parking/Services).</p>
				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.



### 3.5 Gaps and Opportunities for New Public Toilets in Gosford East

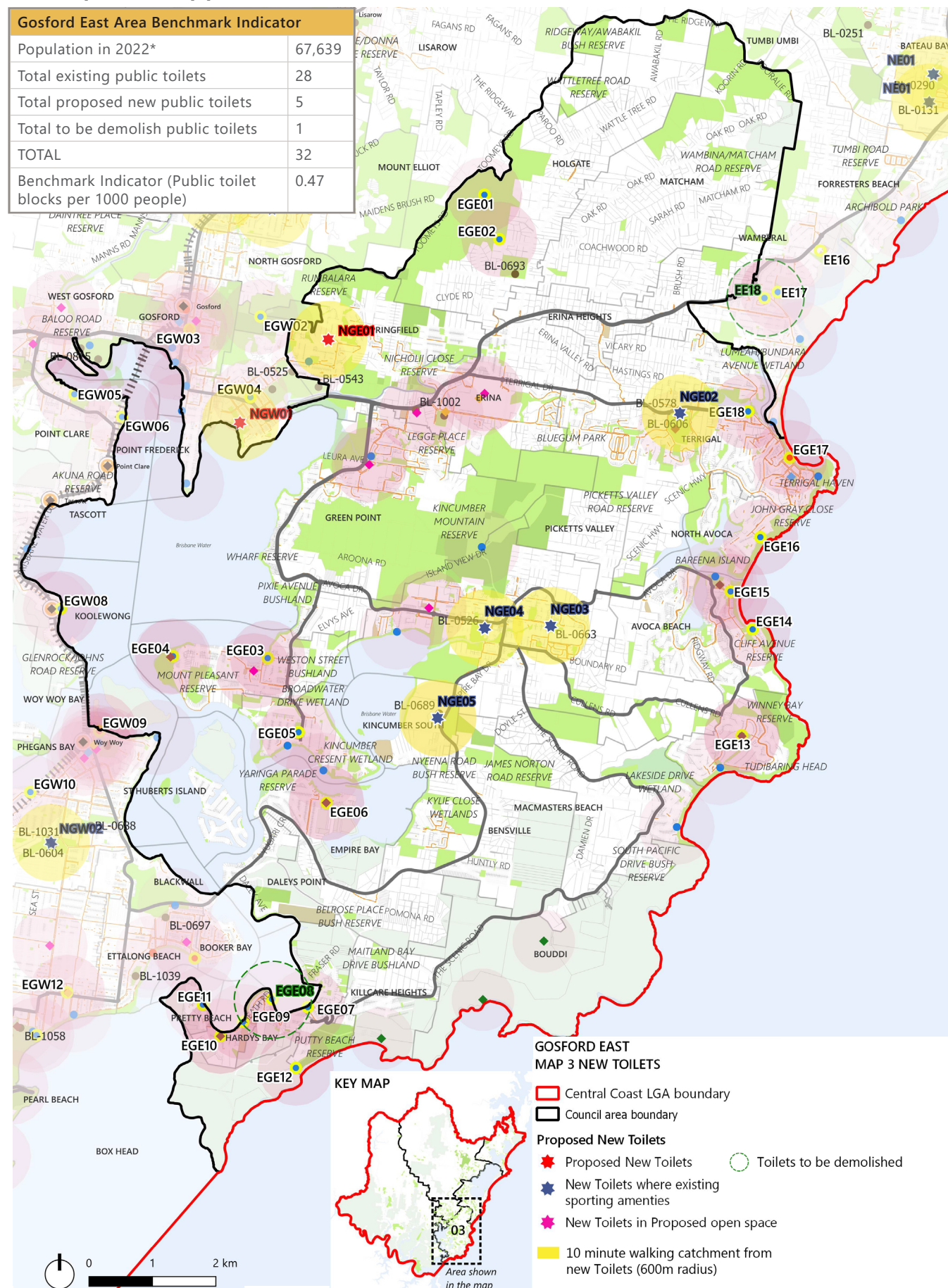


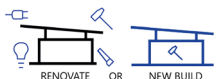

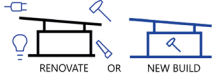

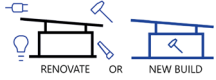

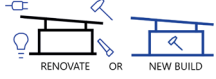



Figure 69: Gaps and Opportunities for New Public Toilets in the Gosford East area

Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

GOSFORD EAST AREA NEW PUBLIC TOILETS OPPORTUNITIES				
No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NGE01	Bushlands Reserve	Springfield	GPT - Playground (District)	MW: New Type A - Local Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
 NEW BUILD				
NGE02	Duffys Road Soccer Oval/Terrigal Rugby League	Terrigal	GPT - Sportsground (Category 1), Tennis Club, BMX Club, Indoor Sports Stadium	IW: Council to convert part of the existing sport facilities (BL0578 and BL0606) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE03	Patrick Croke Oval	Kincumber	GPT - Sportsground (Category 2), Dog OLA (local)	IW: Council to convert part of the existing sport facility (BL0663) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE04	Frost Reserve	Kincumber	GPT - Sportsground (Category 2), Dog OLA (local)	IW: Council to convert part of the existing sport facility (BL0526) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE05	Mackillop Oval	Kincumber South	GPT - Sportsground (Category 1), Skatepark (local), Tennis Club	IW: Council to convert part of the existing sport facility (BL0689) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

### 3.6 Gaps and Opportunities for New Public Toilets in Gosford West

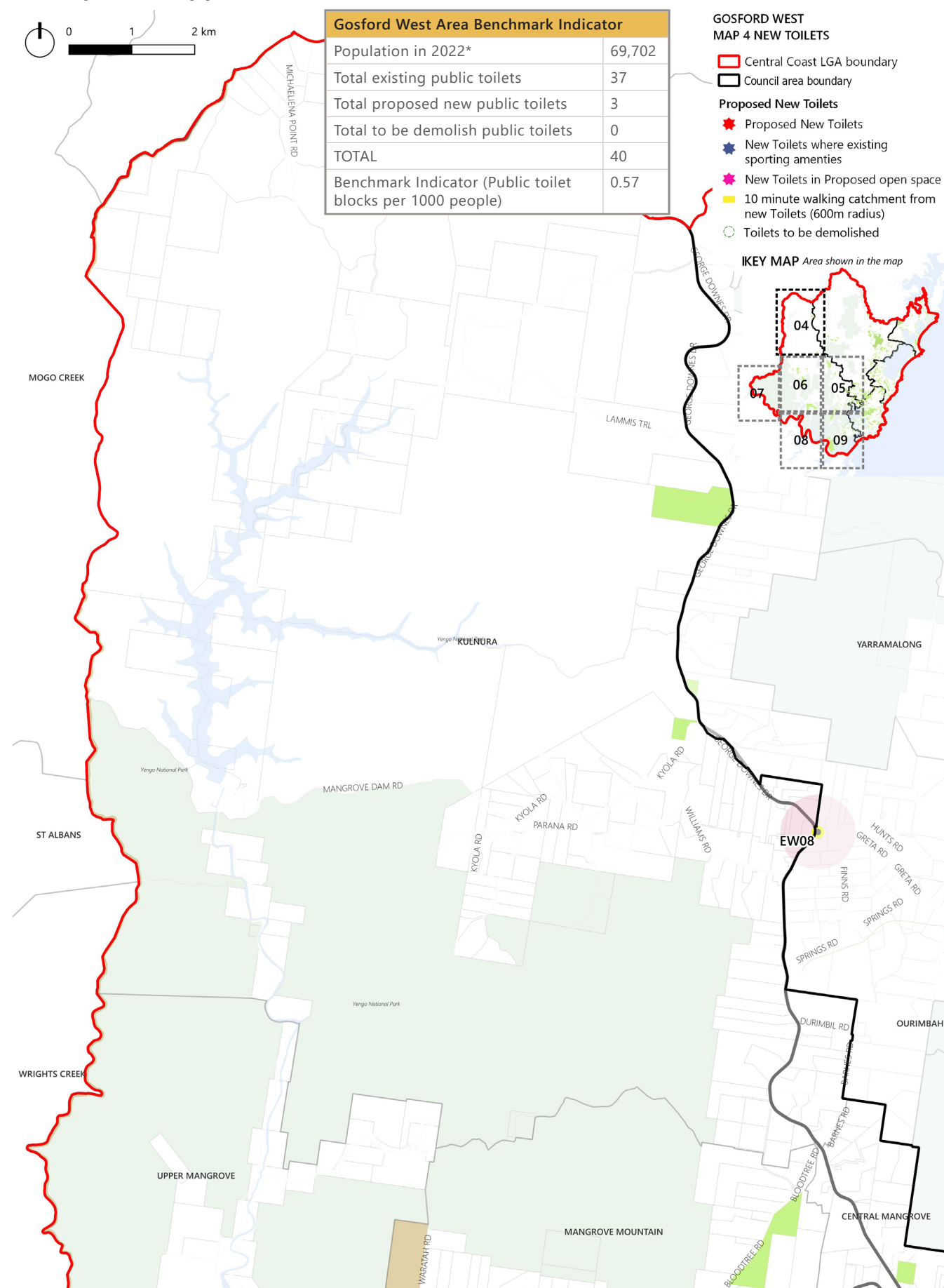


Figure 70: Gaps and Opportunities for New Public Toilets in the Gosford West area









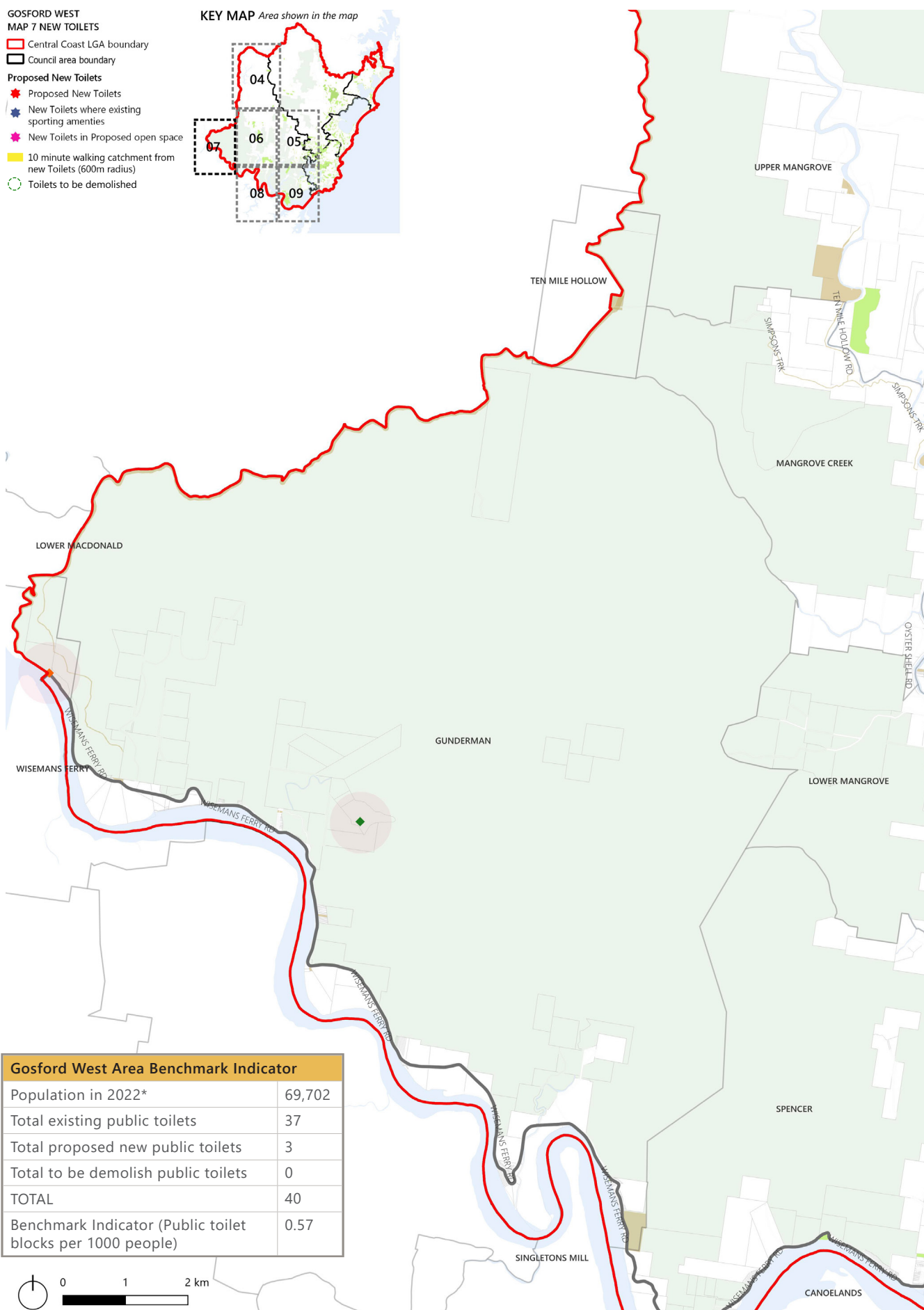


Figure 73: Gaps and Opportunities for New Public Toilets in the Gosford West area



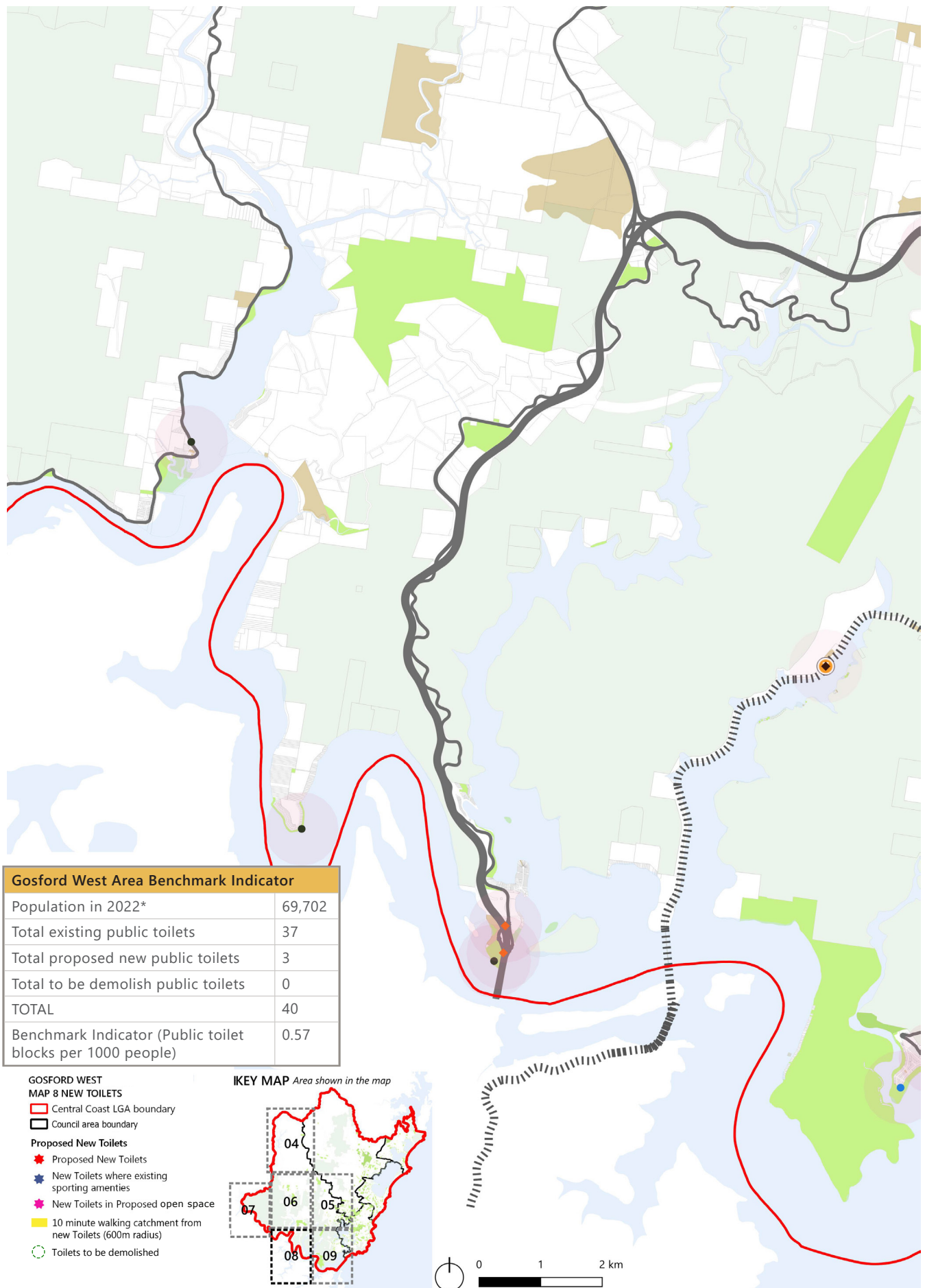


Figure 74: Gaps and Opportunities for New Public Toilets in the Gosford West area

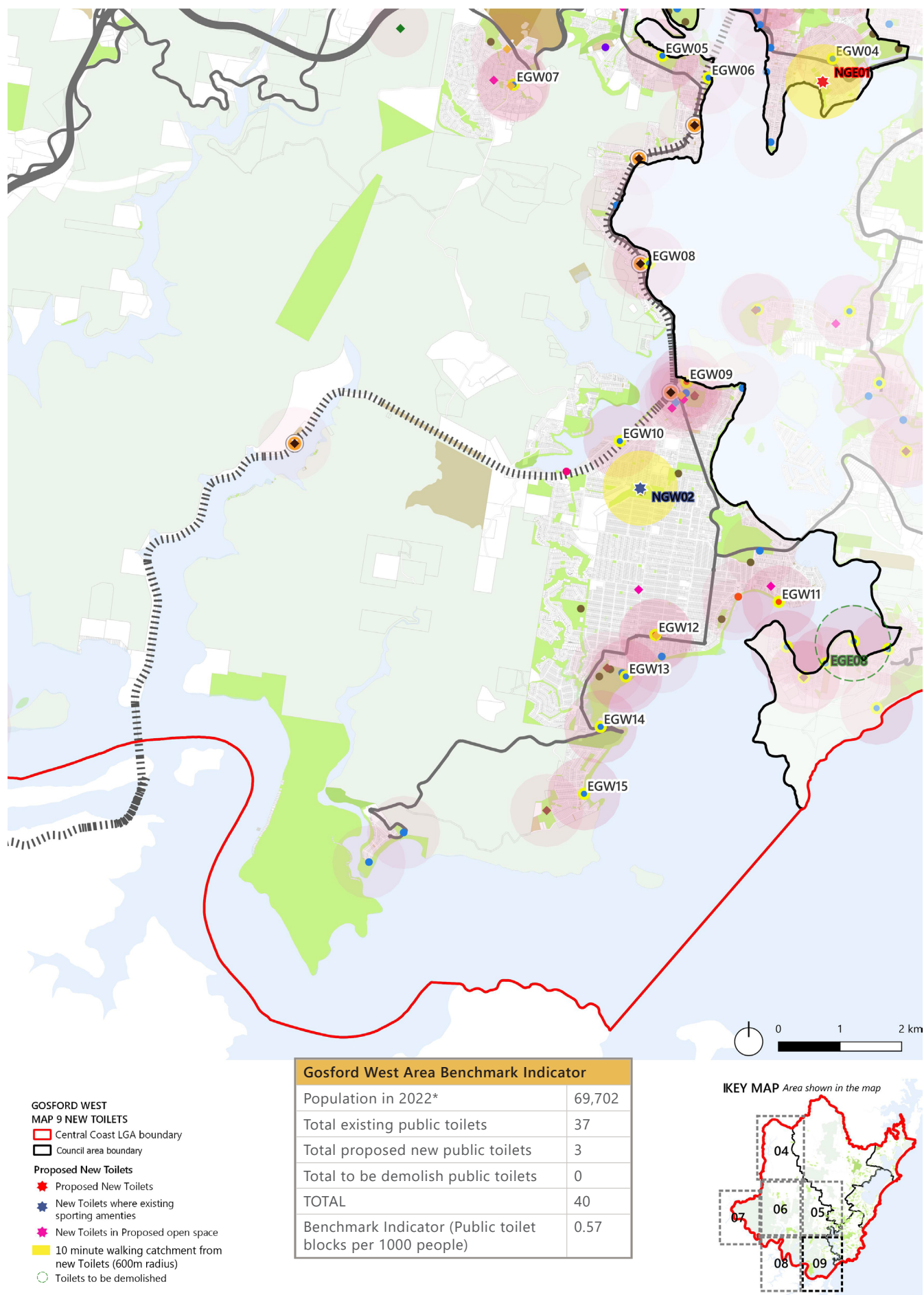


Figure 75: Gaps and Opportunities for New Public Toilets in the Gosford West area

Note:  
 IW = Immediate Works  
 MW = Main Works

## Summary of Implementation

GOSFORD WEST AREA NEW PUBLIC TOILETS OPPORTUNITIES				
No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NGW01	Elizabeth Ross Park	East Gosford	GPT - Playground (District)	MW: New Type A - Local Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
 NEW BUILD				
NGW02	Rogers Park	Woy Woy	GPT - Sportsground (Category 1)	IW: Council to convert part of the existing sport facilities (BL1031 + BL0604) for public access and use. This is the preferred option in MAIN WORK. MW: New Type A - Local Toilets (Low demand factor). Civil upgrade work to Council Scope (Parking/Services).
 RENOVATE OR NEW BUILD				
NGW03	Fred Pinkstone Oval	Peats Ridge	GPT - Sportsground (Category 3) closed	MW: New Type A - Local Toilets - remote and unsewered site (Low demand factor). Civil upgrade work to Council Scope (Parking/Services).
 NEW BUILD				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.



3.7 Gaps and Opportunities for New Public Toilets in Wyong

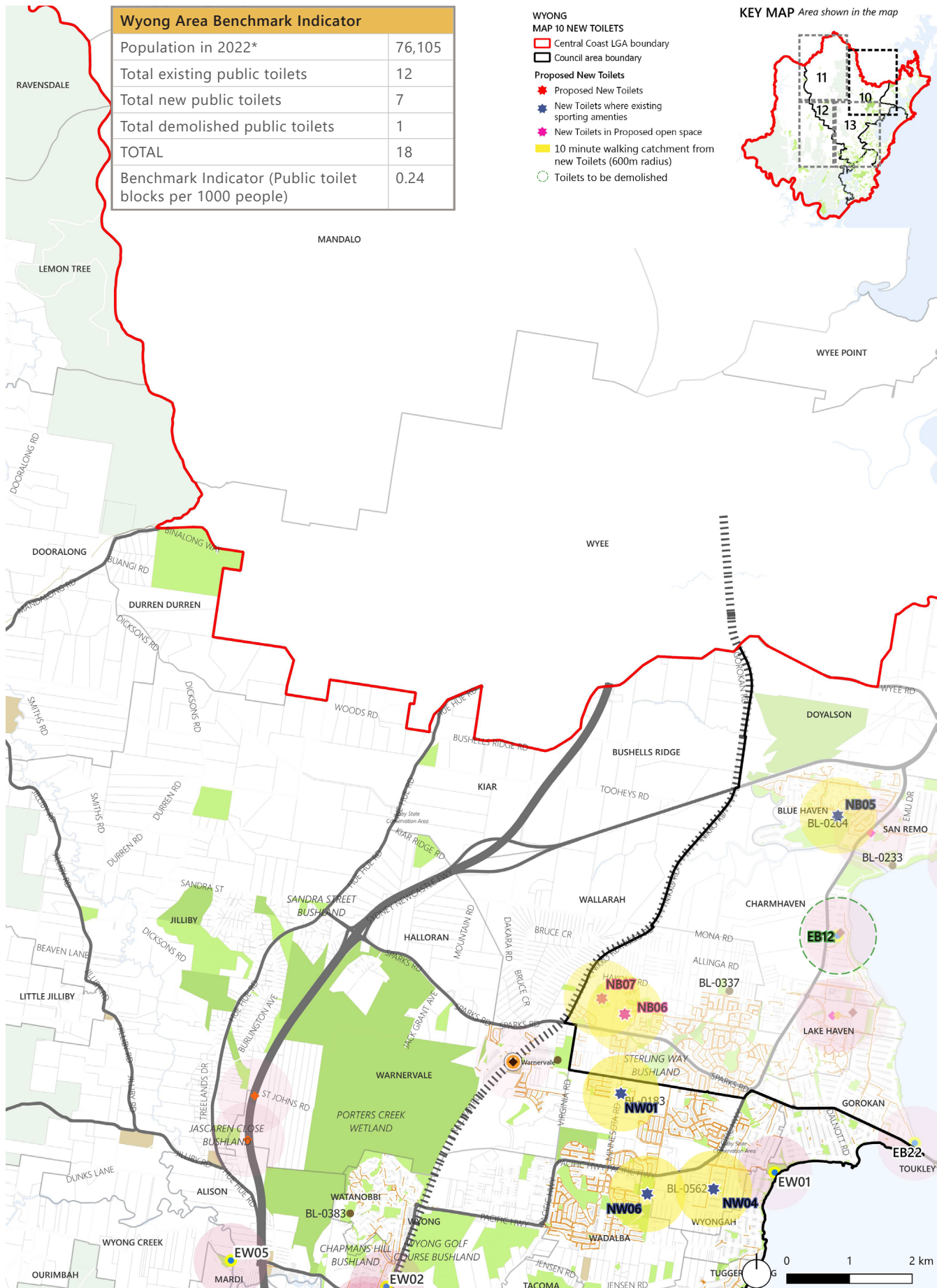


Figure 76: Gaps and Opportunities for New Public Toilets in the Wyong area  
CENTRAL COAST PUBLIC TOILET STRATEGY

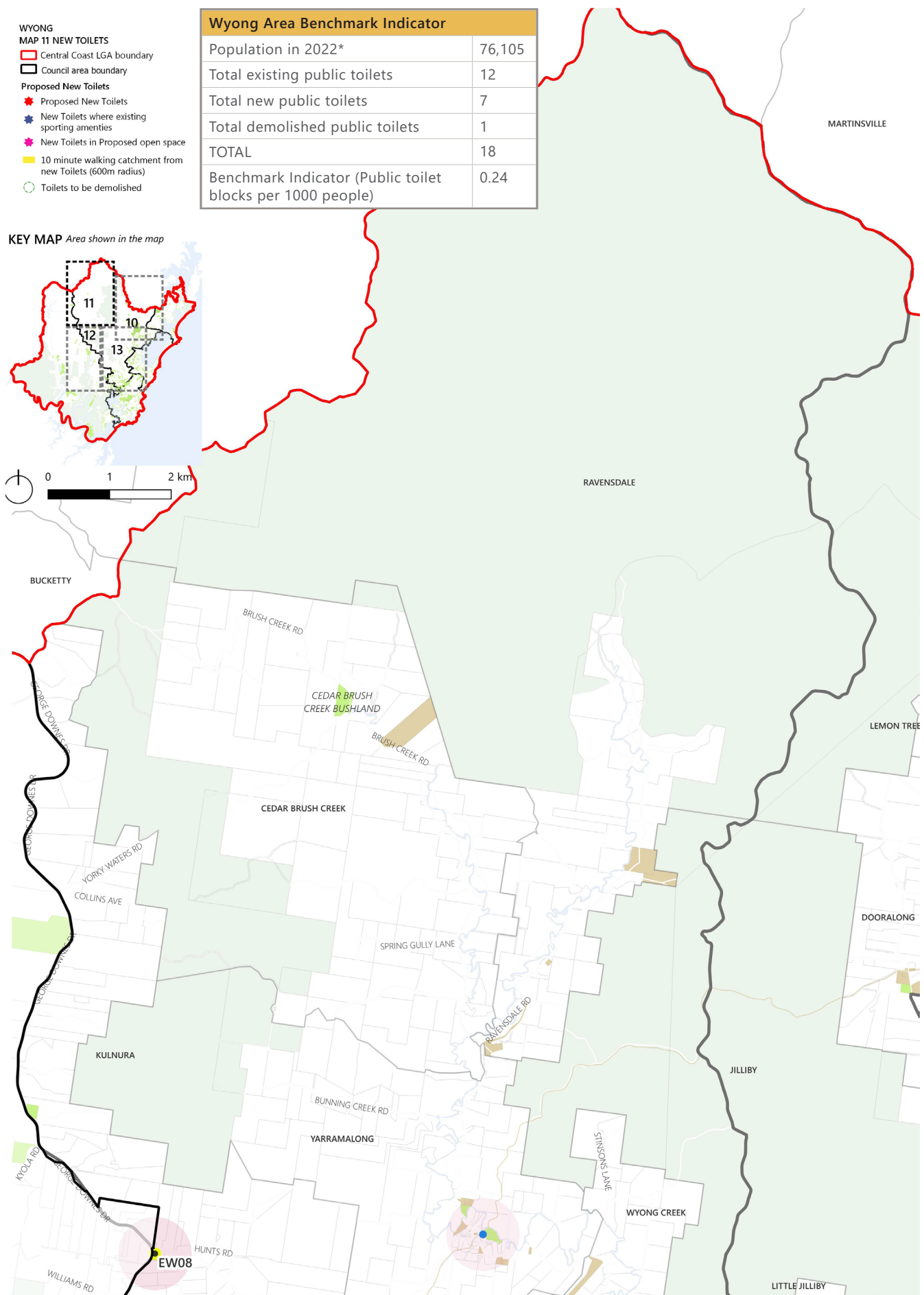


Figure 77: Gaps and Opportunities for New Public Toilets in the Wyong area

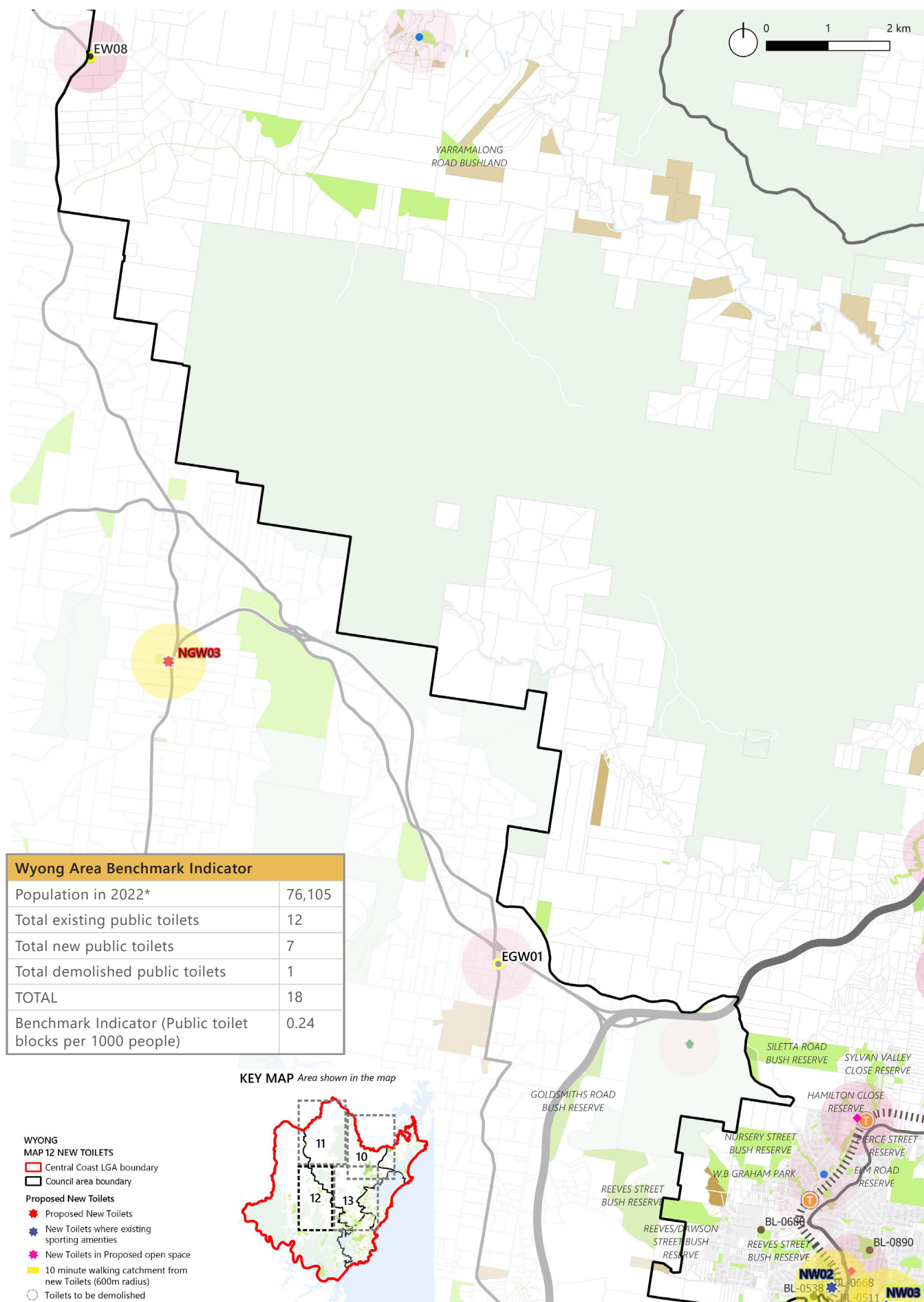


Figure 78: Gaps and Opportunities for New Public Toilets in the Wyong area



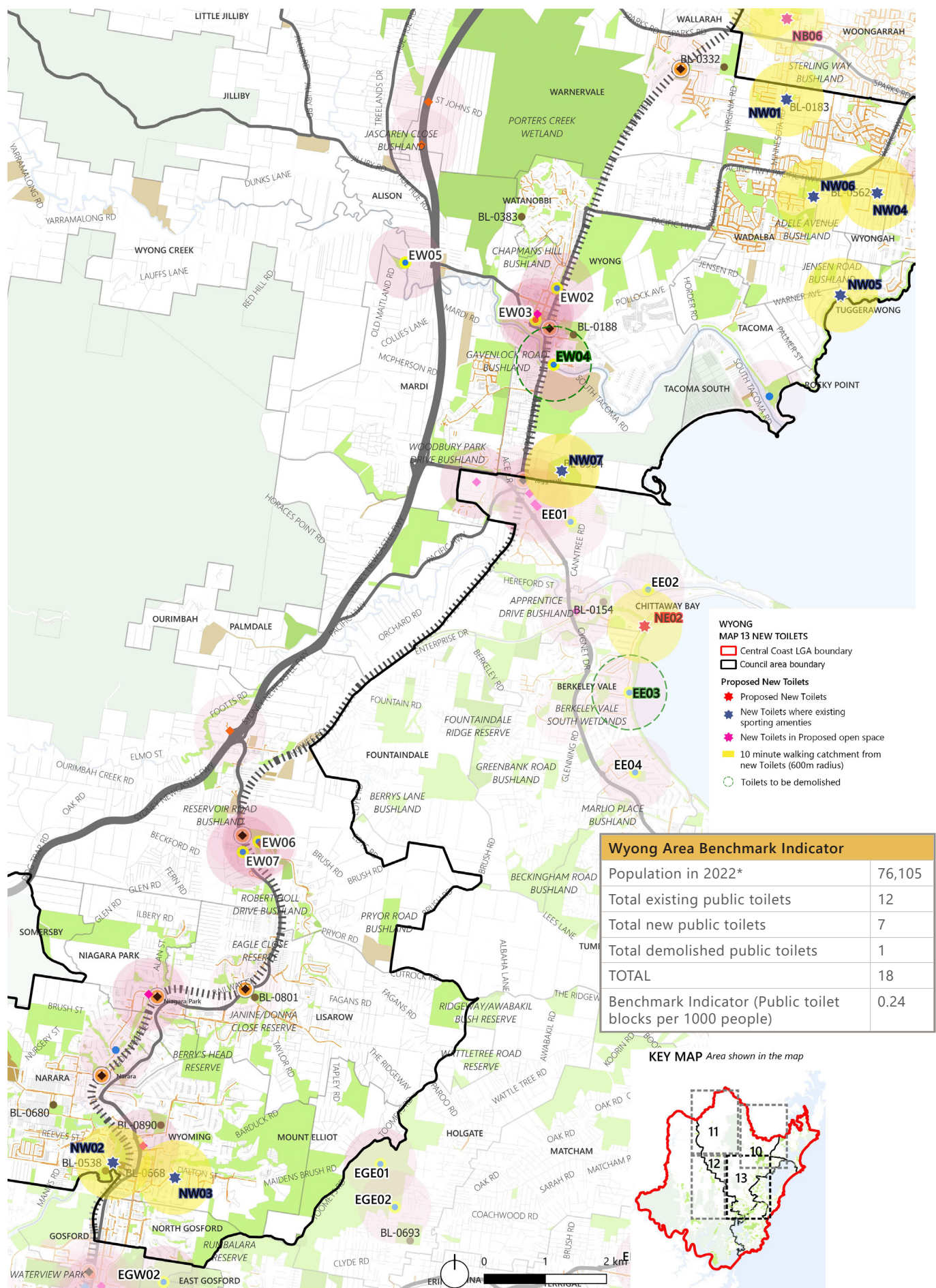
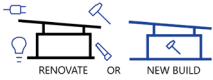
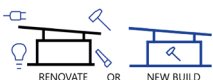

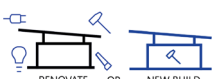



Figure 79: Gaps and Opportunities for New Public Toilets in the Wyong area

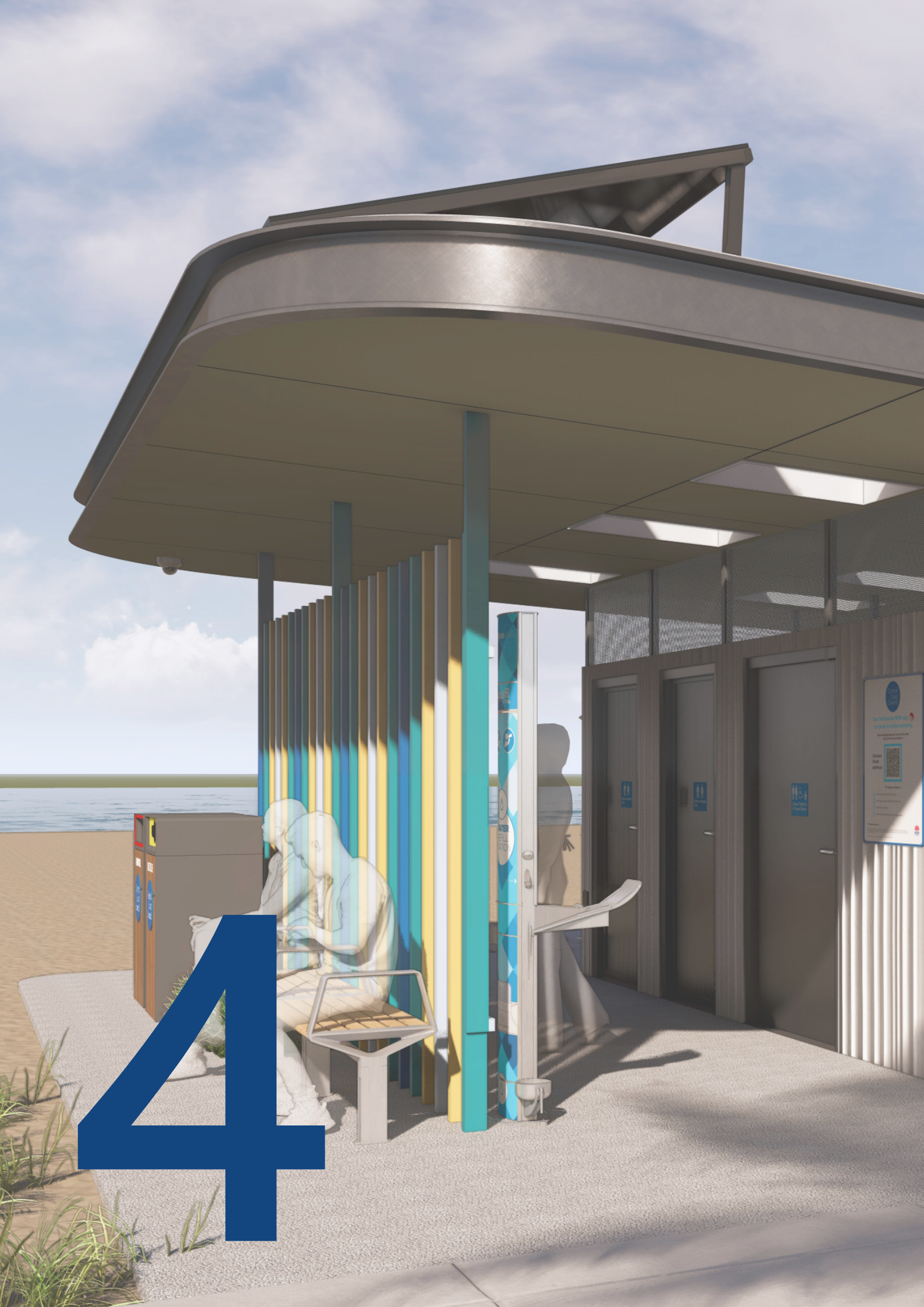
Note:  
IW = Immediate Works  
MW = Main Works

## Summary of Implementation

### WYONG AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NW01	Hamlyn Terrace Oval	Hamlyn Terrace	GPT - Playground (Local), Sportsground (Category 1), Community Centre	IW: Council to convert part of the existing sport facility (BL0183) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
	 			
NW02	Narara Skatepark + Sensory Park	Narara	GPT - Sportsground (Category 1), Skatepark (District), Dog FOLA (District)	IW: Council to convert part of the existing sport facility (BL0668) for public access and use. MW: New Type A - Local Toilets
	 			
NW03	Maiden's Brush Oval	Wyoming	GPT - Playground (Local), Sportsground (Category 1), Tennis Club (Small/ Community)	IW: Council to convert part of the existing tennis courts facility (BL0511) for public access and use. MW: New Type A - Local Toilets close to DDA parking, sport club and skatepark.
	 			
NW04	Kanwal Oval + Playground	Wyong	GPT - Playground (Local), Sportsground (Category 1)	IW: Council to convert part of the existing sport facility (BL0562) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
	 			
NW05	Tuggerawong Road Reserve (Warner Ave)	Tuggerawong	GPT - Playground (District)	MW: New Type B - District Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
	 			
NW06	Mascord Park	Wadalba	GPT - Playground (Local), Skatepark (District), Sportsground (Category 1)	IW: Council to convert part of the existing sport facility (BL0375) for public access and use. MW: New Type A - Local Toilets
	 			
NW07	Central Coast Regional Sporting and Recreational Complex	Tuggerah	GPT - Sportsground (Regional)	IW: Council to convert part of the existing sport facility (BL1046 and BL0934) for public access and use. MW: New Type B - District Toilets pending on the project budget and demand.
	 			





4



## 4 Design Guidelines

### 4.1 Vision and Principles

The Public Toilet Design Guidelines (Design Guidelines) provide a high-level guide and checklist for the upgrade of existing and design of new public toilets.

The vision for the Design Guidelines is to establish best practice principles, utilising the latest technology.

The Design Guidelines outline a universal design approach to the toilets. However, there may be variables within each project and their application may require additional detailed planning and design. Therefore, it is recommended that these proposed projects are carried out by a qualified architect.

It is important to ensure that each application and project meets, as a minimum, the current statutory standards including the National Construction Code (NCC), Australian Standards and government guidelines.

It is intended that the Design Guidelines are periodically reviewed and updated following the application of the Design Guidelines to new projects. A post occupancy evaluation report is highly recommended to ensure future considerations are captured.

- The objectives of the Design Guidelines are to:
  - Be safe for users.
  - Be accessible.
  - Meet current and future public needs.
  - Be value for money and well distributed.
  - Be environmentally sustainable.
  - Promote efficiency in use and for maintenance.
  - Be inclusive, welcoming, aesthetically well designed facilities and enhance user's experience.

#### PUBLIC TOILET DESIGN GUIDELINES

This figure lists the 5 S.M.A.R.T design guidelines for public toilets:

01

#### S: Siting + Placemaking

(Strategic site assessment and toilets as placemaking)

02

#### M: Multi-functional

(Meets current and future needs)

03

#### A: Accessible + Inclusive

(DDA accessible, inclusive, safe and welcoming)

04

#### R: Reliable + Sustainable

(Durable, reliable and sustainable features)

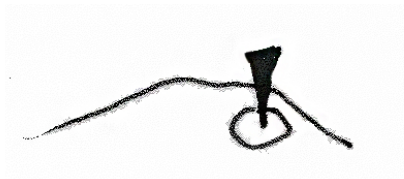
05

#### T: Technology

(Maximising latest technology to elevate toilets into S.M.A.R.T toilets)



## 01 S: Siting + Placemaking



Siting and Placemaking is key to hosting S.M.A.R.T toilets. S.M.A.R.T toilets can be a place marker on a site that contains other public facilities (such as a BBQ, playground, exercise equipment, etc) and can also be a marker to indicate that other facilities are available near the public toilet. Siting of the toilets is critical to maximise safety and accessibility, while discouraging loitering and anti-social behaviour. Good siting can also leverage existing site infrastructure for cost efficiency. Placemaking elevates the toilets to an aesthetically refined and highly functional building. This will enhance the public asset to be accepted into the urban framework and fabric of the local area.

### General checklist to achieve good Siting + Placemaking standards:

*(note: each site will vary and will require an architect to modify to suit)*

#### • Assess and review existing infrastructure

Conduct a survey and obtain existing services information from Council and relevant services authorities to assess available services in order to minimise the impact within the area and reduce redundant works.

#### • Assess site surroundings, CPTED and location selection

CPTED (Crime Prevention Through Environmental Design) - maximises passive surveillance for the selected location. Orientate the facility's entrance to address a public view, or nearby activity. This aims to discourage anti-social behaviour by encouraging a public view to the facility.

Locate the highest use facility nearby, such as a playground/integrated with the sports stand/pavilion. For a children's playground co-locate public amenity/toilets at less than 250m distance and with good visibility to promote passive surveillance.

Orientate to maximise solar harvesting for solar panels (refer to Technology section) and natural light. Ensure there are adequate services for lighting for the location to ensure user safety. The orientation will be considered in the overall building/roof design.

Landscaping to be integrated with the proposed facility - either with existing or with new landscaping. This aims to soften the built form and to complement the surrounding context. Ensure surrounding landscape of shrubs and trees, at maturity, does not obscure visibility of the facility and its entrances. The design should aim to avoid creating dark areas and potential hiding places, to prevent offender concealment.

Locate to minimise the effect on community shared views.

#### • Assess Planning controls

Consult with local governing bodies for planning controls that may apply to the site, such as heritage, biodiversity conservation, flood, bushfire, etc.

Engage specialist consultants to assist assessments such as a town planner, architect, stormwater engineer, access/DDA consultant, etc., to provide expert advice and guide through the planning process.

#### • Engage with stakeholders

Engage with key stakeholders such as the community, local sporting bodies if located within the sports ground/pavilion, park/reserve manager, etc., to inform, consult and maximise the public benefit of the toilets.

#### • Placemaking design

Engage experienced architects to design the facility to capture site and placemaking values, to include architectural building design, planning, way finding and signage and community art integration. This aims to create a highly functional facility that will also act to activate the site, enabling other facilities and public activity such as playgrounds, BBQ and picnic areas, hydration stations, walking paths and safe points.

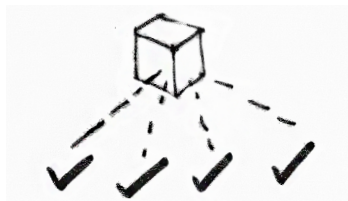
#### • Connection with Country and Community activation

Engage with the Indigenous Traditional Owners of the land and consult regarding ways of Connecting with Country. For example the use of native landscape and First Nations artworks. Refer to the Designing with Country framework.

Local residents/community activation such as facade artworks by a local resident/artist, community garden or other Community activation



## 02 M: Multi-functional



A multi-functional facility maximises the benefits of S.M.A.R.T public toilets. The public toilet is a placemaking building which can integrate many uses and functions to cater for many different user types such as parents, children, and joggers/cyclists. It can also help generate energy and be a possible source of additional income or reduce costs (e.g. solar energy) to assist with maintenance and capital works.

A Multi-functional S.M.A.R.T public toilet can be more than just a public toilet within the public domain.

### General checklist to achieve good Multi-functional standards:

(note: each site will vary and will require the architect to modify to suit)

#### • Maximise facilities to benefit a range of users (subject to budget)

Assess and determine demographics and types of users and their needs.

Multi-functional features of the toilets include:

<b>External Features</b>	– Additional communal wash basin to encourage cleanliness without the need to go into the toilet cubicle. For an individual toilet cubicle, it is still encouraged to have a wash basin in the cubicle itself to allow hand washing before handling doors.
Wash hydration station	– Ensure availability of hydration stations such as a drinking station for adults, children and pets.
Waste station	– Integrate secure bin space for general, recycling, compost and other waste types.
Resting space	– Seating benches (limited amount) near toilet buildings.
Cyclist facilities	– Provide bicycle parking racks and the potential to provide a bike repair kit station especially for public toilets along cycle paths.
<b>Internal Features</b>	
Parents with children	– Ensure availability of a unisex cubicle, such as a co-share DDA/accessible cubicle with parents facility such as nappy change table and nappy bins. To allow access to all users of a co-shared DDA/accessible toilet and parents facility, the toilet should not be fitted with an MLAK key.
Sanitary bins	– Cater for all gender's sanitary bins, such as female sanitary bins in the female bathroom as well as male sanitary bins in the male bathroom. Organisations such as Bins4blokes may provide further information on their requirements.
Sharps disposal	– Assess whether the area has a requirement for sharps syringe disposal to ensure safe toilets.
Accessible facilities	– Comply and meet the current standards of the Disability Discrimination Act 1992, Building Code of Australia (BCA) and Australian Standards to cater for accessible, ambulant and changing places. Further information will be addressed in the next principle.
Safe point facility	– Provide an emergency point for users seeking refuge for safety or due to an incident. Help buttons can potentially be installed in an accessible toilet, that is within a manned amenity facility (eg. Surf Life Saving Club [SLSC], Community Hall). Help buttons are connected to an emergency line such as police/security. To avoid misuse/accidental activation, help buttons should require extended press times and verbal verification from emergency lines.
Storage of renewable energy	– Provide an integrated storage room for cleaners and maintenance storage spaces. Integrated storage for rainwater tanks and solar panel batteries.
Income generating potential	– Harvested solar power could be supplied to nearby car charging stations if located near parking spaces. This creates an opportunity for commercial parties to operate solar and charging stations, providing additional income for public toilets. – Strategic non-intrusive advertising space could be included which aligns with public benefit, such as public health related campaigns, or any public benefit communication service. This could potentially add income and be used to fund public toilet maintenance/operation. Council to review and provide a framework so that the potential income streams align with public benefit. This should be tested, and further consultation would be required.

## 03 A: Accessible + Inclusive



Accessible + Inclusive aims to offer facilities for all users. A compliant accessible toilet can cater for any user and gender and be multi-functional. The base requirement for any facility as a minimum, is one unisex accessible unit. When there are higher demands of occupancy, the standard design can be scaled up with more unisex accessible cubicles starting from 1, 3, 5 and greater as shown in the Section 4.2 - Amenities Standard Design.

### General checklist to achieve good Accessible + Inclusive standards:

(note: each site will vary and require the architect to modify to suit)

#### • Review accessible pathways on site

Pedestrian paths are to be reviewed from the entry points, and any available parking to the toilets. However, site constraints may prohibit a fully compliant accessible pathway.

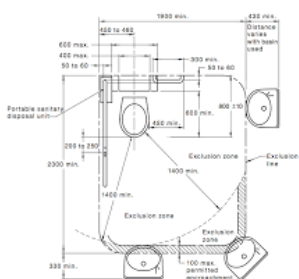
It is recommended that Council seek to obtain professional DDA advice and use this to review and make recommendations for each specific site.

#### • Compliant DDA/accessible toilets

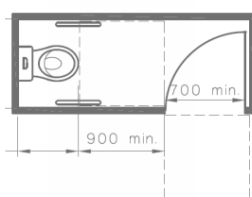
Any provisions for new toilet facilities are to include one accessible toilet unit as a minimum requirement. The accessible toilet is to comply with the Australian Standard (AS1428.1) and the NCC.

Adult change facilities may be required in certain building classes and thresholds (refer to the NCC Part F4D12).

For adult change design guidelines, refer to Changing Places Design Specification.



(Image: accessible toilet and ambulant toilet extract from AS1428.1)



(Image: Adult changing facility extract from Changing Places Design)

Ambulant toilet provisions are to be provided as per AS1428.1 and the NCC Part F4D5.

#### • Inclusivity and Safety

- Base design to include unisex units such as unisex accessible, parents unit and unisex ambulant toilet units (two minimum by NCC requirements) to cater for all users.
- To promote inclusivity and diversity, DDA/accessible toilets should be open and accessible to all users during daytime opening hours. For safety reasons, after hours DDA/accessible toilets can be limited to MLAK access only. Depending on the risk profile and safety levels of a specific site, Council at their discretion, may elect to alter the opening hours or limit use to MLAK access only.
- An optional 'HELP' button in the accessible toilets of manned amenity facilities, in the event of any medical episode/emergency refuge/user requiring assistance. This feature is to be trialled first as it may not be suitable for all circumstances and this feature relies on a complete infrastructure monitoring system.
- Provide CCTV security cameras connected to Council monitoring system/memory storage for post event playback.
- Parents room facilities are to be integrated in the accessible toilet such as nappy change table and nappy bins. Accessible toilets can be multi-functional; as a parents room and a safe point within the public domain.
- Provide sanitary bins inside cubicles and safe disposal for sharp objects such as syringes.

- Provide sanitary bins in ambulant toilet cubicles in all gender toilets.

For example in male toilets, sanitary bins are commonly not provided, however this is an applicable provision. Bins4Blokes is an organisation advocating for awareness of the need for sanitary bins in male public toilet facilities. This is an example of implementation to promote inclusiveness and to cater for all users.



## 04 R: Reliable + Sustainable



The toilet facilities are to be reliable and functional with minimal downtime. Materials used and construction should promote durability to maximize the lifespan of the facilities. A longer lifespan will increase sustainability of the facility. Materials should be chosen with low embodied energy and carbon. Sustainable life cycle and ecologically sustainable development (ESD) strategies should be implemented in the building and construction to reduce energy use, resources, maintenance and impact to the environment, and promote biophilic benefits.

### General checklist to achieve good Reliability + Sustainability standards:

*(note: each site will vary and will require the architect to modify to suit)*

#### • Sustainability

- Passive ventilation  
Maximise good passive design in toilets to promote natural cross ventilation. Roofs can utilise whirlybirds (spinning roof vent) to facilitate heat reduction within the building. Good ventilation will reduce odour, mould and water damage. If passive ventilation is not able to be achieved, utilise energy efficient exhaust fans.
- Natural daylight  
Orientate the building to harness natural daylight into the toilets and minimise use of powered lights. Sunlight is also used to harness renewable energy.
- Heat reduction  
Insulate roofs and external walls. R3.5 minimum to the roof.
- Energy conservation  
Utilise water saving fixtures (target of 6 star taps, 4 star showers and 6 star toilets). Time-flow limited taps. Efficient LEDs throughout and use of sensors to automatically turn-off electronics and including auto-cisterns. Energy efficient equipment such as hand dryers.
- Renewable energy  
Utilise roof space for solar panels - and as technology develops, implement building integrated photovoltaic (BIPV), such as windows. If there is a shower or hot water requirement, use solar powered water heating panels or heat pump. Include batteries of suitable capacity to minimise use of grid power.
- Recycling and composting  
Collect rainwater in a concealed rainwater collection tank and connect to toilets and garden irrigation systems (non-potable water).  
Integrate various types of recycling bins into the communal wash basin benchtop.  
Use composting toilets where required, and compost to be used in a circular lifecycle for nearby landscape or community herb gardens, etc.

#### • Reliable, durability and maintenance

- Building equipment and materials  
Use the latest high-performance and low maintenance building material technology (green steel, eco-concrete, recycled bricks). Translucent roofs to harness daylight such as polycarbonate or similar. Smart glass facades which turn frosted/ opaque when in use to promote safety and discourage loitering within toilets.
- Fittings and fixtures  
Use durable fittings and fixtures such as stainless steel taps, basins, toilets and mirrors. Use durable composite material for partitions. Use of dark, natural tones for flooring to mask marks - general use of natural tones to promote a welcoming space and biophilic properties.
- Maintenance  
Use hybrid technology, and manual cleaning and maintenance. Auto-wash technology is available in the market allowing toilets to self clean and assist in the upkeep of cleanliness of toilets prior to cleaners attending on-site. Implement building monitoring sensor/system to report faults and leaks back to maintenance teams.  
Note that with new amenities and upgrades to existing facilities, maintenance funding is to be reviewed and adjusted to maintain a high level standard of quality and cleanliness for the increased number of public toilets. This analysis may be provided by facilities management expert/consultant.
- Good hospitality  
Implement cleaning and servicing checklists and performance reviews to ensure optimal condition of toilets that are consistently well-equipped. For example the toilet is clean, free of mould, odours and rubbish and toilet rolls are continuously topped up as a minimum.  
Improve user experience such as automatic room re-freshener in highly used facilities - implement good hospitality.



## 05 T: Technology



The latest technology in toilet facilities is to be used to assist in operation and management of the facility. Technology can play a critical role to assist in human resourcing and improve areas of communication, security, asset information, resource management and user experience. Some of the latest technologies are summarised below. However, as technology evolves, Council must periodically review the below table and be in consultation with expert technology providers. Technology in toilets will elevate standard toilets into S.M.A.R.T amenities.

### General checklist to achieve good Technology standards:

(note: each site will vary and will require the architect to modify to suit)

#### • Communication and user experience

- Implement easy user feedback devices such as a QR code survey/report at the entry of toilets and a one-way feedback to Council through an online form for users to report facility faults, improvement/suggestions and issues.
- Provide a hearing loop and other related accessible improvements in user communication for automated amenities.



#### • Safety, operation and maintenance

- Provide a security system such as CCTV technology integrating with Council's security systems. Explore the use of AI monitoring to reduce the manual handling of security monitoring. AI systems could alert Council when there is a potential security issue/anti-social behaviour on site such as vandalism, graffiti, lighting of fires, etc.

Provide automated cubicle features which can be acquired selectively or across an entire system such as Exeloo, a proprietary toilet provider.

Fully automated features include auto opening and locking doors; cubicle status indicators, time limited occupancy alarm to discourage loitering inside cubicle; and auto-wash.

The use of such automation will improve toilet cleanliness and assist in reducing the manual cleaning frequency of a toilet, leading to a reduction in maintenance operation costs.

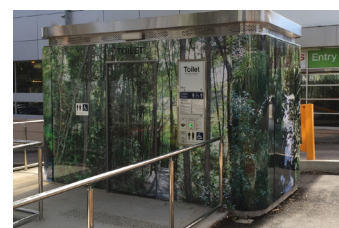
An example of the auto-wash system can be seen here:

[https://www.youtube.com/watch?v=fUTH89Ex4nYab\\_channel=LATHISWEEK](https://www.youtube.com/watch?v=fUTH89Ex4nYab_channel=LATHISWEEK)

The provision of remote auto locking and unlocking doors that can be controlled by maintenance teams allows for daily opening and closing of toilets, on-time and without the need for manual opening and closing, allowing for more efficient use of operational resources.

To prevent users being trapped, provision of an escape door lever enabling any user inside to open and exit the toilet, in the event of a malfunction or emergency.

Heat/movement sensors should be provided in the toilet to ensure there is no user in the facility prior to doors auto locking.



#### • Asset monitoring and resource reduction

- Provide movement/occupancy sensors and a monitoring system integrated within the toilet's maintenance team BMS monitoring system.

From our research, proprietary, prefabricated technology active toilet provider Exeloo, has a monitoring system add-on to their automated toilets, which monitors for any faults, cleanliness conditions and occupancy data to provide information data back to facility management. This provides live reporting and enables prompt action to be undertaken by facility management.

The occupancy data information reduces the need for future manual auditing/surveys of occupancy level and dwelling time data can be collected automatically in real time. This feature allows facility management to identify demands and plan for the future (refer to Section 4.7 where this may be utilised).

There may be other providers in the market or this could be created by an in-house IT system. For further information, consult with the associated supplier and specialist consultants.

#### • Online information integration

- Provide updates and integrate toilet information to online public facilities information websites/apps such as National Public Toilet Map ([www.toiletmapp.gov.au](http://www.toiletmapp.gov.au)); Council website and local information apps; Changing Places ([www.changingplaces.org.au](http://www.changingplaces.org.au)); RV Dump Points ([www.sanidumps.com/sanidumps\\_au.php?id=116](http://www.sanidumps.com/sanidumps_au.php?id=116)).

## 4.2 Public Toilet Design Type A

### Type A: Local Toilets (small/singular cubicle)

(1 quantity accessible unisex cubicle)

Implementation Guide	At LOCAL hierarchy open spaces or as per site's specific demands. Toilet type selection can be adjusted to be 1 or 2 levels up to suit specific site, demand and budget.
Size and Scale	Approx. 15m <sup>2</sup> internal area - 68m <sup>2</sup> including external.
Estimate Cost	Approximate range from \$280-\$310k excl. GST (Subject to market conditions and future detail design. Integration with a main building is generally lower in cost than freestanding. Final estimation is to be conducted by a qualified Quantity Surveyor).

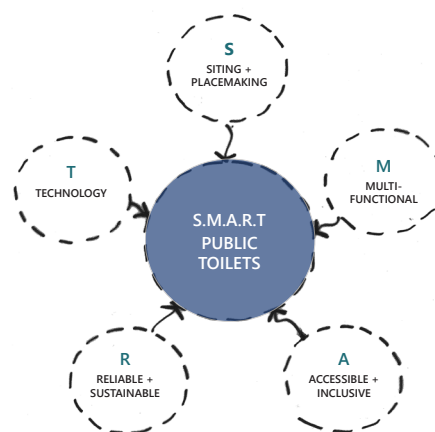


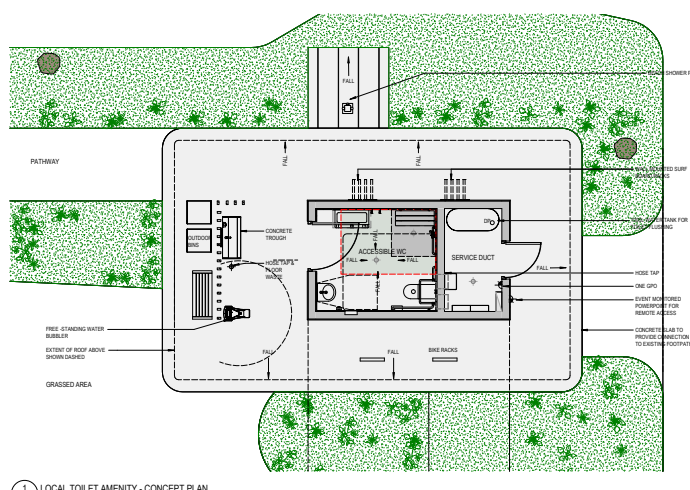
Figure 80: Central Coast Council, Concept Design Standard, Type A - designed by CM<sup>+</sup> Architects©

### Example of a Similar Scale Public Toilet



Figure 81: Halliday Park Toilet designed by CM<sup>+</sup>, Five Dock NSW





1 LOCAL TOILET AMENITY - CONCEPT PLAN



Figure 82: Central Coast Council, Concept Design Standard, Type A - additional views - designed by CM<sup>+</sup> Architects©

## S: Siting + Placemaking features

- Co-located with other facilities, such as a playground, carpark, beach and other public facilities. Orientation to be within sightlines of nearby facilities for passive surveillance and CPTED safety principles.
- The building is well lit, receives natural sunlight and has the ability to harness solar energy.
- Architecturally designed built form to be visually aesthetic, opportunity for colourful screening to reflect the local context/ Council branding and rear wall dedicated art panel for local artists, which can change over time.
- Use low height, native shrub landscaping to soften the built form and naturally absorb stormwater run off.
- The toilets can provide Placemaking on the site, by equipping them with multi-functional features to cater for community needs.

## M: Multi-functional features

- The accessible toilet is unisex and accessible for all users including parents with nappy change table facility. It is recommended that during opening hours accessible cubicles are used without an MLAK, except 'Changing Place Cubicle' in Type C.
- External communal hand wash basin, bench seat with wireless charging, waste and recycling bin and bike racks.
- Hydration water station for adults, children and pets.
- Concealed storage behind toilets for a rainwater tank, electrical and maintenance. Facade integrated to act as one unit.
- In special areas such as at beach sites - optional outdoor shower in close proximity to the toilets and surfboard rack affixed to the wall.

## A: Accessible + Inclusive features

- Fully compliant and equipped accessible toilet is unisex and for all users.
- At beach sites, allow for a wider door and larger internal space to cater for beach wheelchair access.
- Potential for 24/7 smart CCTV to promote safety and potential AI technology integration. Ensure safety at the toilets to create a welcoming and reassuring environment for all users.

## R: Reliable + Sustainable features

- Water and energy efficiency measures such as a rainwater tank, internal light sensors, and water efficient and time limited valve taps to be incorporated. Use solar panels, storage battery and skylights.
- Durable building design and interiors include precast concrete veil profile, concrete communal wash basin, exposed aggregate concrete floor, stainless steel fittings and pre-finished fibre cement ceiling panel with a pastel green colour.

## T: Technology features

- Potential to implement technology features as discussed in Section 4.1 - Design Guidelines. Implement auto lock doors with the ability to operate remotely, a QR code to seek user's feedback and sensors to monitor utilisation.
- New toilet construction can be a hybrid of a prefabricated toilet including automated features, with a custom facade and surrounding softscape and hardscape elements.



## 4.3 Public Toilet Design Type B

### Type B: District Toilets (medium/3x cubicles)

(3 quantity cubicle: 1x accessible, 1x ambulant male, 1x ambulant female)

\*Ambulant unisex may be achievable by Performance Solution BCA report.

Implementation Guide	At DISTRICT hierarchy open spaces or as per site specific demands analysis. Toilets type selection can be adjusted to 1 down or 1 up level to suit specific site, demand and budget.
Size and Scale	Approx. 27m <sup>2</sup> internal area - 93m <sup>2</sup> including external.
Estimate Cost	Approximate range from \$390-\$430k excl. GST (Subject to market conditions and future detail design. Integration with a main building is generally lower in cost than freestanding. Final estimation is to be conducted by a qualified Quantity Surveyor).

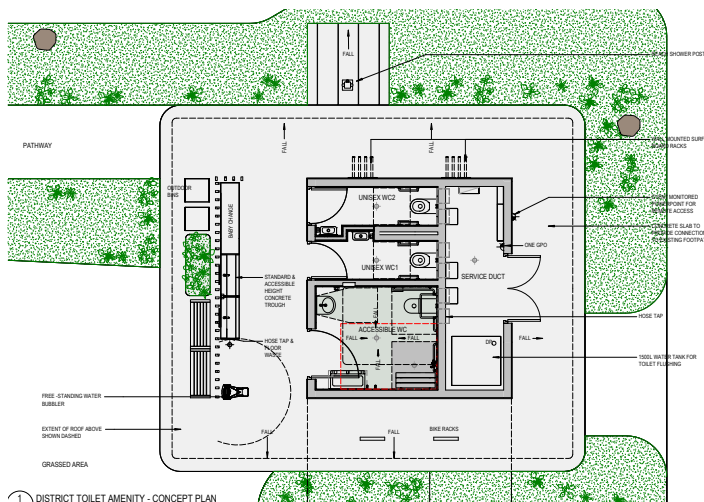


Figure 83: Central Coast Council, Concept Design Standard, Type B - designed by CM<sup>+</sup> Architects©

### Other Example of Similar Scale Toilets



Figure 84: Artarmon public toilet 3D render, designed by Group GSA, Artarmon NSW



### S: Siting + Placemaking features

- Co-located with other facilities, such as a playground, car park, beach and other public facilities. Orientation to be within sightlines of nearby facilities, for passive surveillance and CPTED safety principles.
- The building is well lit, receives natural sunlight and has the ability to harness solar energy.
- Architecturally designed built form to be visually aesthetic, with an opportunity for colourful screening to reflect the local context/Council branding, and rear wall dedicated art panel for local artist, which can change over time.
- Use low height native shrub landscaping to soften the built form and naturally absorb stormwater run off.
- The toilets can provide Placemaking on the site, by equipping them with multi-functional features to cater for community needs.

### M: Multi-functional features

- The accessible toilet is unisex and accessible for all users including parents with nappy change table facility. It is recommended that during opening hours accessible cubicles are used without an MLAK.
- External communal hand wash basin, bench seat with wireless charging, waste and recycling bin and bike racks.
- Hydration water station for adults, children and pets.
- Concealed storage behind toilets for a rainwater tank, electrical and maintenance. Facade integrated to act as one unit.
- In special areas such as at beach sites - optional outdoor shower can be provided in close proximity to the toilets and surfboard rack affixed to the wall.



### A: Accessible + Inclusive features

- Fully compliant and equipped accessible toilet is unisex and for all users.
- At beach sites, allow for a wider door and larger internal space to cater for beach wheelchair access.
- Potential for 24/7 smart CCTV to promote safety and potential AI technology integration. Ensure safety at the toilets to create a welcoming and reassuring environment for all users.

### R: Reliable + Sustainable features

- Water and energy efficiency measures such as a rainwater tank, internal light sensors, and water efficient and time limited valve taps to be incorporated. Use solar panels, storage battery and skylights
- Durable building design materials and interiors include precast concrete veil profile, concrete communal wash basin, exposed aggregate concrete floor, stainless steel fittings and pre-finished fibre cement ceiling panel with a pastel green colour.

### T: Technology features

- Potential to implement technology features discussed in Section 4.1 - Design Guidelines. Implement auto lock doors with the ability to operate remotely, a QR code to seek user's feedback and sensors to monitor utilisation.
- New toilet construction can be a hybrid of a prefabricated toilet including automated features, with a custom facade and surrounding softscape and hardscape elements.

Figure 85: Central Coast Council, Concept Design Standard, Type B - additional views - designed by CM<sup>+</sup> Architects©



## 4.4 Public Toilet Design Type C

### Type C: Regional Toilets (large/5+ cubicles)

(5 quantity cubicle: 1x accessible and adult change facility, 1x ambulant male, 1x ambulant female, 1x unisex and parents toilet, 1x unisex standard toilet) \*Ambulant unisex may be achievable by Performance Solution BCA report.

Implementation Guide	At REGIONAL hierarchy open spaces or as per site specific demands analysis. Toilets type selection can be adjusted to 1 down or 1 up level to suit specific site, demand and budget.
Size and Scale	Approx. 45+m <sup>2</sup> internal area - 130m <sup>2</sup> including external.
Estimate Cost	Approximate range from \$560-620k excl. GST (Subject to market conditions and future detail design. Integrated to a main building is generally lower in cost than freestanding. Final estimation is to be conducted by a qualified Quantity Surveyor).

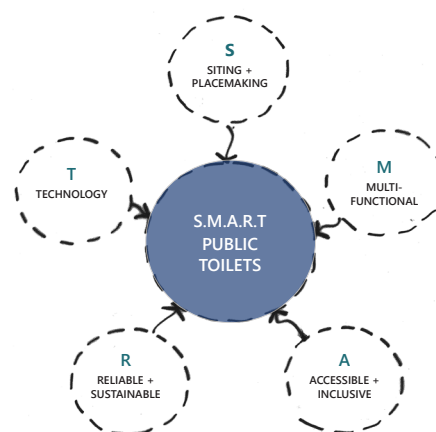


Figure 86: Central Coast Council, Concept Design Standard, Type C - designed by CM<sup>+</sup> Architects©

### Other Example of Similar Scale Toilets



Figure 87: Central Coast, Sun Valley Toilets.



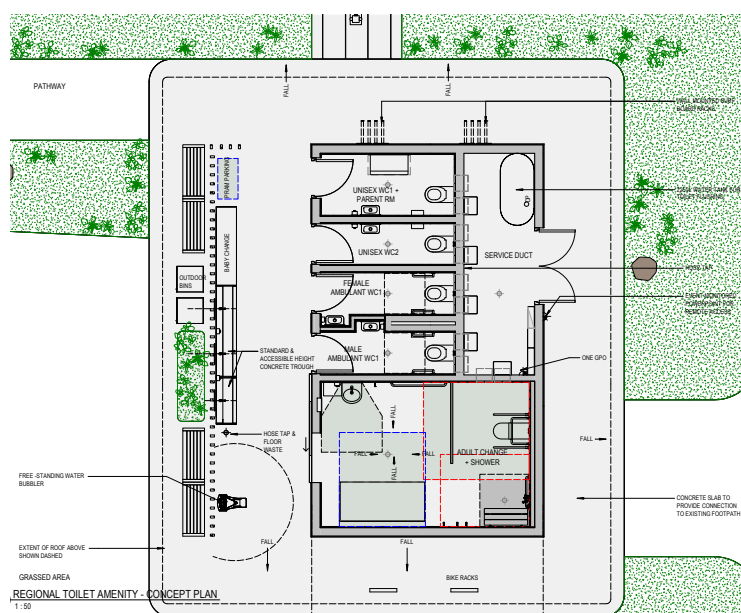


Figure 88: Central Coast Council, Concept Design Standard, Type C - additional views - designed by CM<sup>+</sup> Architects©

## S: Siting + Placemaking features

- Co-located with other facilities, such as a playground, car park, beach and other public facilities. Orientation to be within sightlines of nearby facilities for passive surveillance and CPTED safety principles.
- The building is well lit, receives natural sunlight and has ability to harness solar energy.
- Architecturally designed built form to be visually aesthetic, opportunity for colourful screening to reflect the local context/Council branding and rear wall dedicated art panel for local artists, which can change over time.
- Use low height native shrub landscaping to soften the built form and naturally absorb stormwater run off.
- The toilets can provide Placemaking on the site, by equipping with multi-functional features to cater for community needs.

## M: Multi-functional features

- Accessible toilets are unisex and accessible for all users including parents with nappy change table facility. It is recommended that during opening hours accessible cubicles are used without an MLAK, except 'Changing Place Cubicle' in Type C.
- External communal hand wash basin, bench seat with wireless charging, waste and recycling bin and bike racks.
- Hydration water station for adults, children and pets.
- Concealed storage behind toilets for a rainwater tank, electrical and maintenance. Facade integrated to act as one unit.
- In special areas such as at beach sites - optional outdoor shower in close proximity to the toilets and surfboard rack affixed to the wall.

## A: Accessible + Inclusive features

- Fully compliant and equipped accessible toilet is unisex and for all users.
- In beach sites, allow for a wider door and larger internal space to cater for beach wheelchair access.
- Potential for 24/7 smart CCTV to promote safety and potential AI technology integration. Ensure safety at the toilets to create a welcoming and reassuring environment to all users.

## R: Reliable + Sustainable features

- Water and energy efficiency measures such as a rainwater tank, internal light sensors, and water efficient and time limited valve taps to be incorporated. Use solar panels, storage battery and skylights.
- Durable building design and interiors include precast concrete veil profile, concrete communal wash basin, exposed aggregate concrete floor, stainless steel fittings and pre-finished fibre cement ceiling panel with a pastel green colour.

## T: Technology features

- Potential to implement technology features as discussed in Section 4.1 - Design Guidelines. Implement auto lock doors with ability to operate remotely, a QR code to seek user's feedback and sensors to monitor utilisation.
- New toilet construction can be a hybrid of a prefabricated toilet including automated features with a custom facade and surrounding softscape and hardscape elements.

## 4.5 Public Toilet Design Type D

### Type D: Off-site Amenities (unsewered site)

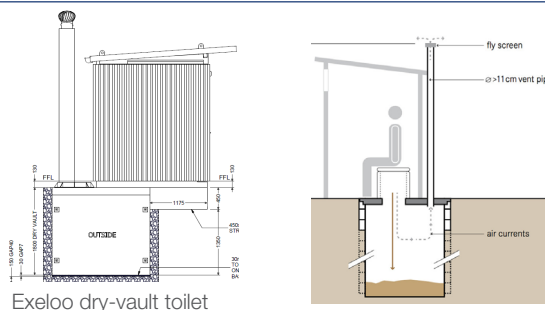
Implementation Guide	At a remote/unsewered site such as National Parks or Reserves. The Strategy scope does not cover reserve/remote areas and is for future review.
Size and Scale	Subject to demand whether single accessible cubicle up to multiple cubicle units (1 or 3+ formation).
Estimate Cost	Subject to the toilet's on-site sewage system selection. Dry-vault high-tech prefabricated public toilet building and installation begins at ~\$150k+ for a single unit. (Subject to market conditions and detail design. Final estimation is to be conducted by a qualified Quantity Surveyor).



There are various options for unsewered sites which require toilets to have an independent on-site sewage system. Depending on the site and available infrastructure, toilets are to meet the standard design, with substitutions when applicable - if serviced with a water connection, the toilets are to have standard wash basins. If not serviced with a water connection, the toilets can be equipped with hand sanitiser and paper hand towels. If there is a supply of power, the toilets can have high tech functions, such as self closing doors, monitoring system, etc. Below are some options in the market, each with advantages and disadvantages depending on the site, requirements and budget.

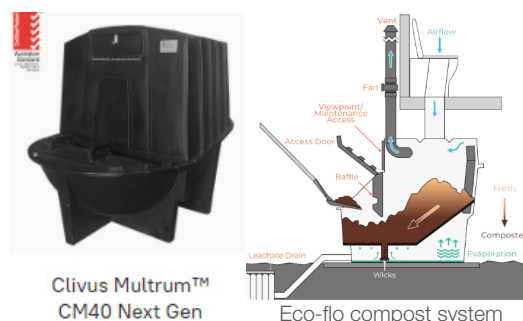
#### Option 1. Dry Vault Toilet

- Dry waste concrete storage beneath the toilet, requires no water flush. Minimal odour due to vent and dry system.
- Waste pump out required, frequency subject to usage and storage size.
- For further information, contact supplier for example: Exeloo, Landmark, Ecoflo.



#### Option 2. Composting Toilet

- For a raised platform toilet. Dry compost storage beneath the toilet. Minimal odour due to vent and dry system.
- Pine mulch is added to the compost chamber to facilitate waste breakdown into compost soil. Composted material can then be extracted to be re-used for soil fertiliser.
- For further information, contact supplier for example: Landmark, Ecoflo.



#### Option 3. Septic Tank/Waste Management System

- On-site waste treatment system. Many variants that require custom engineering/specialist design and water supply.
- May require waste pump out, subject to system design.
- For further information, contact a Septic Tank specialist for further technical advice.

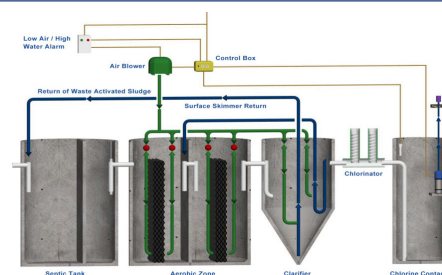






Figure 89: Various off-site/unsewered toilet examples.



## 4.6 Public Toilet Design Type E

### Type E: Custom Key Toilets for Key/Iconic Sites

Implementation Guide	At key LGA sites such as tourist beach sites, city information centres, landmark sites and selected National Parks - to be determined by Council/ relevant government bodies.
Size and Scale	Subject to brief specifications and demands.
Estimate Cost	Subject to scale and brief specifications.



This type of toilet building is bespoke, a placemaking beacon on a key site and serves not only as toilets but as a highly crafted architectural building which may enhance the overall ambience, well-being and development of the area and surroundings. Key sites are selected using various aspects of urban planning such as tourism, population, landmark sites, city centre and key National Parks. These toilets are custom designed to holistically reflect the local context and to promote excellence and creativity in design. With any toilet design, the principles of S.M.A.R.T. amenity are to be embedded and all criteria are to be met, as a minimum for this particular type of toilet.

Custom Key Toilets, depending on their scale can be a significant investment, therefore it is critical to be well designed by qualified professionals such as architects. It is also important that the design goes through a rigorous design and consultation process to ensure design excellence is achieved.

It is recommended that the design outcome meets the Design Excellence and Designing with Country framework. With any good design, the consultation process is key and to ensure the future proofing of the design for the next 15-20 years.

Pictured below is an example of a key site on the Central Coast - The Entrance Visitor Information Centre, where the facility has been custom designed and the toilets are integrated with the city's information centre. Future key sites are to be determined by Council and relevant government bodies.

The following page includes examples of custom architecturally designed amenities in key sites across Sydney, such as at Bondi Beach, Sydney and at Wattamolla in the The Royal National Park.



Figure 90: Central Coast, The Entrance Visitor Centre integrated with Toilets including Adult Changing facility.



## Other Examples of Custom Key Site Type Amenities



Figure 91: North Bondi Beach Amenities designed by Sam Crawford Architects



Figure 92: Wattamolla Royal National Park Amenities designed by CM<sup>+</sup> Architects



## 4.7 Public Toilet Design Type F

**Type F:** Temporary relocatable toilets (for events or temporary needs)

Implementation Guide	For temporary events: Implementation is to be arranged by the event organiser and is to coordinate with Council's relevant department. For demand management: Implementation is to be considered and arranged by the public toilet asset manager
Size and Scale	Subject to the brief specifications, size of event or anticipated demand.
Estimate Cost	Rental hires vary and are subject to individual supply agreements and quotations.

Temporary toilets are a practical and cost-effective solution for managing short term toilet needs. Temporary toilets can be used to cater for specific events and activities, temporary replacements during maintenance outages, during renewal and renovations on the existing toilet network, seasonal demand management and any other temporary needs.

There are distinct types and applications of temporary toilets which cater for different needs and deployment timeframes. They range from singular cubicles, accessible units and up to multi-unit toilets in a range of build types and levels of portability. Product selection will be subject to the site's constraints, use, budget, program, and overall level of demand.

Temporary toilets are a suitable option for temporary applications only, they are not recommended for sites with demand factors that warrant permanent toilets to be installed, or to be deployed for prolonged periods of time.

For specific events or activities, event managers are to check Council's event guidelines for specific public toilet requirements and are to assess site suitability, occupant numbers, public needs, and demand factors to determine a suitable temporary toilet solution. Various guidelines have been produced for the provision of temporary toilets at outdoor events, with consideration to be given to the type and duration of the event, the number of attendees, weather conditions, demographics of users, location, and the availability of fixed public toilets on or near the site. Council mandates where the number of people attending the activity exceeds 250, a minimum of six toilets must be provided, thereafter one additional toilet for every 250 people must be provided.

For the temporary deployment of toilets for seasonal demand, Council's public toilet asset manager will consider known peak periods (e.g. Christmas, Easter and public holidays), locations and historical use/demand and assess if existing toilets have the capacity to service the need or if temporary toilets are required. Where these are determined to be required temporary toilets shall be deployed for the duration of the peak period. Temporary toilets will only be deployed where there is significant demand and where there is concern for the potential for maintenance outages, cleanliness and hygiene issues, consumables, capacity limitations or general community health and wellbeing considerations. It is expected, and not considered unreasonable by Council, that during peak periods there may be high localised demand resulting in short wait times for toilet users.



Figure 93: Various temporary toilets for hire (from a singular unit, accessible unit to multi unit toilets).





Figure 94: Love Lanes Festival, Wyong 2023 - Central Coast Council

## 4.8 Design Standards - Central Coast Public Toilet Standard

The Architectural Concept has been designed to reflect the local context of the Central Coast, cater for inclusive and multi-functional use and be future proof with durable design and S.M.A.R.T principles.

In Section 4.8.1, following extensive consultation with Council's operations and maintenance team, a series of standard finishes schedules with select materials and a fixtures and fittings specification, have been put together as a guideline for future standard specifications for the amenities.

The Architectural Concept Design is a preliminary design only, and each site may vary and is subject to further design development. It is a guideline only and requires continual updating, revising and improving over time. Post-occupancy review and user feedback will also improve the future design. The Architectural Concept is subject to variation by Council to best suit the site.

### Exterior

The exterior design and palette aims to reflect the coastal atmosphere and vibrancy of the Central Coast community.

The Architectural Concept Design has many elements which aims to promote sustainability, inclusiveness, safety and good CPTED principle, multi-features planning, durable and ease of maintenance whilst harnessing S.M.A.R.T principles.

Precast concrete external wall with feature profile in wave/veil profile to reflect a coastal wave. Precast allowing for off-site fabrication.

Landscape integration is critical to soften and adds welcoming ambience to the design. The landscape allows for natural absorption of rainwater. Low height native landscape to maintain sightlines. Rainwater tank can facilitate drip irrigation to the surrounding landscape.

Series of smart technologies such as CCTV, feedback QR scan notice boards, remote activation of GPO, USB, water supply.

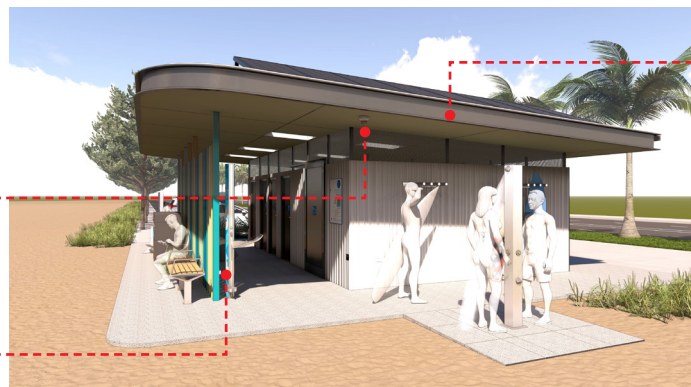
Additionally, counter sensor for collection of occupancy information to aid future planning.

Various communal features that are easily accessed such as external wash basin, multi-use benchtop for nappy change, resting bench with USB charging ports, public bins, hydration station, optional beach side amenity such as bike racks.

Rear room hosts a concealed maintenance and control room. The rear wall is an opportunity for local artist's artwork to be fixed onto panels that can be updated over time.



Aluminium batten screening, colours from Council branding colour palette. Use of colour adds vibrancy and represents the local municipality. Screening is spaced far apart to ensure visibility to the entrance and maintain passive surveillance.



Skillion roof design to provide higher ceiling height to the entry area and allow for rainwater collection to the rear, with concealed rainwater tank inside the maintenance room to maintain a modern and compact design.

The corner of the front roof is curved as a design feature.

The ceiling is prefabricated fibre cement sheet which can be a prefinished colour.

Solar panels and battery system to ensure sustainable energy use and potential ability to connect with car charging device.



Passive ventilation and natural sunlight is designed throughout to maximise the well-being of the space while minimising odour and damp. Porous top and bottom parts of the wall allows someone to be heard from the outside.



## Interiors

The interior is designed to be durable while balancing strong aesthetic features of material pattern and colours where possible. This ensures the interior is not a concrete silo, but rather a playful and modern design.

Refer to Section 4.8.1 for the detail specifications of materials, fixtures and fittings and equipment. This is to be adjusted to suit and to be developed further in the detail design stage of individual sites.

Optional sanitary bin chute and sharps disposal wall plate are designed on the wall with concealed storage in the rear room. This minimises clutter, loose items and vandalism.

Highest grade stainless steel 316 is specified to minimise early pitting of the fixtures and fitting.

The pan seat cover is to be of high grade durable plastic for user comfort.



Compact wash basin and soap dispenser in each cubicle to maximise hygiene before users operate the door.

Stainless steel mirror for user's experience.

Multi-function accessible cubicle that caters for all users including parents and children. Shower is optional, plumbing provision may be installed.



Tiled up to shower height, gloss commercial grade ceramic tile for ease of cleaning and to ensure graffiti non-permanence. Play of subtle colour pattern to add vibrancy.

Small gap to allow for full wash ability for the cubicle. Ensure gap is small enough to prevent sightlines and anti-social behaviour.








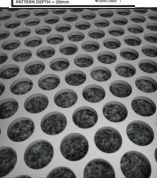

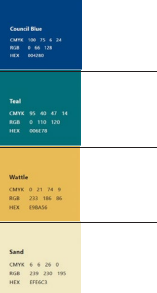

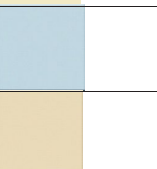
Adult change facility in Type C toilet design. This facility is to be controlled via a MLAK or other control system such as swipe fobs.















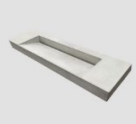










Natural sun lit spaces and passive ventilation to promote well-being of the space.















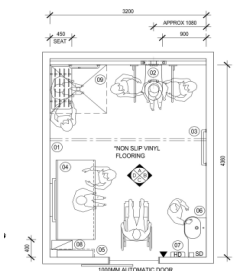

## 4.8.1 Material and Fixtures, Fittings, Equipments (FFE) Schedule






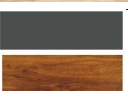

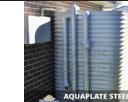

AMENITIES FINISHES, FIXTURES & EQUIPMENTS GUIDELINE - CM+ rev C_Nov 2023								
EXTERNAL & INTERNAL FINISHES - PRELIMINARY DESIGN - NOT FOR CONSTRUCTION - SUBJECT TO CLIENT'S SELECTION AND APPROVAL								
FLOOR FINISHES								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
EXTERNAL SLAB	CON1	EXTERNAL PERMEABLE FINE AGGREGATE CONCRETE PAVING ON SCREENINGS BASE LAYER WATER INFILTRATION RATES EXCEEDING 30,000MM / HR SLIP RESISTANCE: P5, R12 FLAT SMOOTH FINISH INTEGRATED COLOUR OXIDE AND SEALER  CONCRETE AS PER MANUFACTURER AND STRUCTURAL ENGINEER'S SPECIFICATION CONTRACTOR TO PROVIDE SLIP RESISTANCE TESTING UPON COMPLETION.	WATERPAVE		URBAN SITE COLOUR: NATURAL  FINISH: FLAT SMOOTH  BEACH SITE COLOUR: SOAPSTONE OXIDE  FINISH: FLAT SMOOTH		URBAN SITE:   BEACH SITE: 	
UNDERCOVERED AND INTERNAL SLAB FINISH	CON2	INTERNAL CONCRETE SLAB FINISH AS LAID, STEEL FLOAT. SLIP RESISTANCE: P4, R11 EPOXY CLEAR PENETRATING FLOOR SEALER CONCRETE AS PER STRUCTURAL ENGINEER'S SPECIFICATION CONTRACTOR TO PROVIDE SLIP RESISTANCE TESTING UPON COMPLETION.			COLOUR: STANDARD  FINISH: LIGHT EXPOSED AGGREGATE, HONED CONCRETE			
STEEL FINISHES								
STRUCTURAL STEEL POSTS, BEAMS & RAFTERS	P1	HOT DIPPED GALVANISED STRUCTURAL STEEL HOT DIPPED GALVANISED THICKNESS TO BE 2 - 3 IN EXCESS OF THE LEVELS REQUIRED BY AS/NZS 4680.  FINISH ALL INTERNAL AND EXPOSED STEEL WORK WITH HIGH BUILD RECOATABLE POLYURETHANE PAINT FINISH. SYSTEM: DULUX PROTECTIVE COATING FINISH COATING WARRANTY COVER: MINIMUM 10 YEARS.  CONTRACTOR TO PROVIDE CERTIFICATION UPON BUILDING COMPLETION. REFER TO STRUCTURAL ENGINEER FOR INSTALLATION AND FIXING DETAILS.			DULUX NATURAL GREY FINISH: MATT			
ROOF FINISHES								
ROOF CLADDING	MDR1	PROFILE PREFINISH ALUMINIUM ROOF CLADDING  MATERIAL: ALLOY 5251/5052 HIGH STRENGTH MARINE GRADE ALLOY COATING: PROPRIETARY POLYESTER PAINT SYSTEM ON EXPOSED SIDE / BOTH SIDES CLADDING THICKNESS: AS PER MANUFACTURER'S SPAN REQUIREMENT AND STRUCTURAL DETAILS SUPPORT AND FIXING: SUPPORT ON PERMALITE PURLINS AND FASTENING SYSTEM AS PER MANUFACTURER AND STRUCTURAL DETAILS.	LYSAGHT	PROFILE: LYSAGHT PERMALITE WAVELINE OR APPROVED EQUIVALENT. PROFILE: CORRUGATED	COLOUR: PERMALITE GULL GREY			FOR COASTAL AREA WITHIN 100M FROM BREAKING SURF OR WITHIN CLOSE PROXIMITY TO INDUSTRIAL EMISSIONS
CEILING FINISHES								
SOFFIT LINING	CE1	COMPRESSED FIBRE CEMENT SOFFIT CLADDING WITH EXPRESSED JOINT SYSTEM THICKNESS: MIN 9MM THICK PROFILE: SQUARE JOINT: 10MM EXPOSED JOINT FINISH: PROPRIETARY ANTI-GRAFFITI FLUOROPOLYMER. ROBUST, EXTREME UV RESISTANT. FIRE AND GRAFFITI RESISTANCE PAINT: STAINLESS STEEL WAFER HEAD SELF SCREW, FINISHED WITH RUSPERT METAL COATING SYSTEM AND COLOUR MATCH WITH PANEL. WARRANTY: 15 YEARS	VITRAPANEL	REFERENCE SYSTEM: JAMES HARDIE EXOTEC AND APPROVED EQUIVALENT.	COLOUR: TO MATCH COLOUR HEX #bdc29b (RGB 189, 194, 155)	PANEL WIDTH: 1200MM PANEL LENGTH: 3000MM		
WALL FINISHES								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
EXPOSED PRECAST CONCRETE WALL PANEL	PCC1	EXTERNAL PRECAST CONCRETE WALL PANEL CASTED WITH RECKLI FORM-LINERS OFF WHITE/ LIGHT GREY COLOUR PIGMENT CONCRETE. FORMLINERS CONSISTS OF RUBBER LIKE POLYURETHANE ELASTOMERS WHICH ALLOWS FOR UNDERCUTS AND SHALLOW GROOVES. MAXIMUM SIZE  CLEAR GRAFFITI RESISTANT IMPREGNATION WALL SURFACE PROTECTION SYSTEM AS PER MANUFACTURER'S RECOMMENDATION. CONCRETE MIXTURE, WALL THICKNESS AND WALL JOINTS DETAILS AS PER STRUCTURAL ENGINEER'S SPECIFICATION CONTRACTOR TO PROVIDE CERTIFICATION UPON COMPLETION.	RECKLI  OR EQUIVALENT	PATTERN: 2/175 FRIESLAND  OR SIMILAR APPROVED BY COUNCIL	CLASS 2 CONCRETE  COLOUR: CCS SNOW			
PERFORATED MESH SCREENS	MESH	RETROFIT PERFORATED ALUMINIUM SCREENS WITH POWDER COAT FINISH  PROVIDE SCREENS WITH INTERPON METPREP EPOXY BARRIER PRIMER FOR UNDERCOAT. DECORATED WITH INTERPON D225 FUTURA COMMERCIAL POWDER COATED FINISH WITH GRAFFITI RESISTANCE AND CORROSION PROTECTION. % OF OPENING AND SUBSTRATE THICKNESS TO BE CONFIRMED BY PROJECT DESIGNER. 25 YEARS FILM INTEGRITY WARRANTY & 10 YEARS COLOUR RETENTION WARRANTY.  OR APPROVED EQUIVALENT.		PATTERN: ROUND HOLE 60 DEGREES AND 50MM UNPERFORATED BORDERS.	COLOUR: COLORBOND MONUMENT			
EXTERNAL DOORS	D-01	PRE-HUNG RETROFIT EXTERNAL COMMERCIAL SOLID CORE SINGLE / DOUBLE DOORS WITH ALUMINIUM METAL CLAD AND CAPPING.  SOLID CORE DOORS WITH POLYSTYRENE CORE SURROUND WITH KILN DRIED HOOP PINE SUBFRAME AND COLORBOND METAL FACE CLADDINGS. METAL PERIMETER FRAMING CLADDING. 180 DEGREE OPENING.  FRAME: 3 OR 4 SIDES EXTERNAL DOOR JAMB. NON FIRE RATED FRAME METAL PROFILE TO SUIT WALL TYPES. FINISH WITH PROTECTIVE PAINT FINISH TO MATCH DOOR LEAF.	LARNAC ACCESS DOORS	SENTRY 200 SEMI-SOLID CORE 200.47 / 200.80 / 200.TP	COLOUR: COLORBOND MONUMENT	DDA / PARENTS ROOM DOOR: MIN 1000MM (W) CLEAR X 2040MM (H) AMBULANT DOOR: MIN 700MM (W) CLEAR X 2040MM (H) SERVICE DUCT DOUBLE DOOR: 2 X 820MM (W) X 2040MM (H)		
ALUMINIUM SCREEN BATTEN	MSS1	ALUMINIUM EXTRUDED VERTICAL SCREEN BATTENS WITH OUTER AND INNER CLIP ASSEMBLY. DECORATED WITH INTERPON D225 FUTURA COMMERCIAL POWDER COATED FINISH WITH GRAFFITI RESISTANCE AND CORROSION PROTECTION. SUBSTRUCTURE SIZES, SPANS AND SPACINGS TO BE CONFIRMED BY STRUCTURAL ENGINEER. MATERIAL: 6063-T6 PREMIUM GRADE ALUMINIUM ALLOY. HIGH CORROSION RESISTANCE AND WEATHERABILITY FOR COMMERCIAL APPLICATION. PROFILE: 50mm (W) x 150mm (D) WITH END CAPS AT 200MM CENTRE CLASS 4 STAINLESS STEEL FIXINGS. 25 YEARS FILM INTEGRITY WARRANTY & 10 YEARS COLOUR RETENTION WARRANTY.  OR APPROVED EQUIVALENT.	ZINTL		COLOUR TO MATCH COUNCIL STANDARD COLOURS. COUNCIL BLUE (RGB 0/66/128, HEX 004280) TEAL (RGB 0/110/120, HEX 006F78)  WATTLE (RGB 233/186/86, HEX E9B456)  SAND (RGB 239/230/195, HEX EF6BC3)			
CERAMIC WALL TILES	CWT	SOLID COLOURED FROST PROOF GLAZED PORCELAIN TILES. HIGHLY VERSATILE TILE RANGE TO COMMERCIAL STANDARD. MOUNTING HEIGHT: UP TO 1500MM ABOVE FLOOR LEVEL. AT 100MM ABOVE GROUND. TILE LAYOUT: VERTICAL GROUT: EPOXY GROUT. COLOUR TO MATCH DULUX BLUE BOTTLE	CLASSIC CERAMICS	VOGUE SYSTEM  	COLOUR: AZZURO TR GLOSS  COLOUR: SETA GLOSS	SIZE: 50W X 200H (70%, 1100 - 1500 AFFL) SIZE: 100W X 200H (UP TO 1100MM AFFL)  SIZE: 50W X 200H (30%, 1100 - 1500 AFFL)		



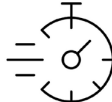






FIXTURES & EQUIPMENT SCHEDULE - PRELIMINARY DESIGN - NOT FOR CONSTRUCTION - SUBJECT TO CLIENT'S SELECTION AND APPROVAL								
SANITARY WARE FIXTURES & FITTINGS								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
ACCESSIBLE TOILET SUITE - OPTION 1  NOTE: DO NOT INCLUDE BACKREST CISTERN AND FLUSH PANEL.  INSTALLED IN CONJUNCTION WITH PB1, CT1	ACCTS1	CAROMA CARE 800 CLEAN FLUSH WALL FACED 'INVISI' SERIES II SUITE WITH PEDIGREE II CARE SINGLE FLAP SEAT (GERMGARD) WELS 4 RATED, 4.5/3 LITRE FLUSH IN WALL CISTERN APPLICATION  OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	CAROMA	PAN CODE: 718300AG  SEAT CODE: 320030AG  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES		350MM (W) X 460-480MM (H) X 800MM (D)		FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
ACCESSIBLE TOILET SUITE - OPTION 2  NOTE: DO NOT INCLUDE CISTERN AND FLUSH PANEL.  INSTALLED IN CONJUNCTION WITH PB2, CT2.	ACCTS2	BRITEX CENTURION DISABLED PAN WITH VANDAL RESISTANT CLOSED FRONT TOILET SEAT.  COMPLIABLE WITH GRABRAIL AND BACKREST TO MEET AS1428.1 REQUIREMENT. PROVIDED WITH LEFT AND RIGHT HAND ACCESS PANELS. COMPATIBLE FOR 4.5/3 & 6/3 LITRE FLUSH IN WALL CISTERN APPLICATION  OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	BRITEX	PAN CODE: PCD SEAT CODE: SVRC-B P TRAP: L06697 S TRAP: L06698  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	TOILET PAN: CHROME STAINLESS STEEL 304 <b>(SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)</b> SEAT: BLACK	355MM (W) X 445-469MM (H) X 800MM (D) EXCLUDE SEAT HEIGHT		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
AMBULANT TOILET PAN - OPTION 1  NOTE: DO NOT INCLUDE FLUSH BUTTONS. INSTALLED IN CONJUNCTION WITH PB1, CT1	ATS1	CAROMA LIANO CLEAN FLUSH EASY HEIGHT WALL FACED 'INVISI' SERIES II TOILET SUITE WITH PAN, INVISI II CISTERN AND LIANO DOUBLE FLAP TOILET SEAT (GERMGARD)  COMPATIBLE FOR 4.5/3 LITRE FLUSH IN WALL/ UNDER COUNTER/ INDUCT/ IN CEILING CISTERN APPLICATION  OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	CAROMA	PAN CODE: 766350W  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	TOILET PAN: VITREOUS CHINA SEAT: WHITE	350MM (W) X 435-468MM (H) X 570MM (D)		FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
AMBULANT TOILET PAN - OPTION 2  NOTE: DO NOT INCLUDE CISTERN AND FLUSH PANEL.  INSTALLED IN CONJUNCTION WITH PB2, CT2.	ATS2	BRITEX CENTURION AMBULANT PAN WITH VANDAL RESISTANT CLOSED FRONT TOILET SEAT.  PROVIDED WITH LEFT AND RIGHT HAND ACCESS PANELS. COMPATIBLE FOR 4.5/3 & 6/3 LITRE FLUSH  OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	BRITEX	PAN CODE: PCAM SEAT CODE: SVRC-B P TRAP: L06723 S TRAP: L06722  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	TOILET PAN: CHROME STAINLESS STEEL 304 <b>(SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)</b> SEAT: BLACK	355MM (W) X 445-469MM (H) X 650MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
STANDARD TOILET PAN - OPTION 1  NOTE: DO NOT INCLUDE FLUSH BUTTONS.  INSTALLED IN CONJUNCTION WITH PB1, CT1.	PC1	CAROMA LIANO CLEAN FLUSH WALL FACED 'INVISI' SERIES II TOILET SUITE WITH PAN, INVISI II CISTERN AND LIANO SOFT CLOSE TOILET SEAT (GERMGARD)  COMPATIBLE FOR 4.5/3 LITRE FLUSH IN WALL/ UNDER COUNTER/ INDUCT/ IN CEILING CISTERN APPLICATION  OR SIMILAR APPROVED BY COUNCIL	CAROMA	PAN CODE: 766100W  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	TOILET PAN: VITREOUS CHINA SEAT: WHITE	350MM (W) X 395-428MM (H) X 570MM (D)		FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
STANDARD TOILET PAN - OPTION 2  NOTE: DO NOT INCLUDE CISTERN AND FLUSH PANEL.  INSTALLED IN CONJUNCTION WITH PB2, CT2.	PC2	BRITEX CENTURION TOILET PAN WITH VANDAL RESISTANT CLOSED FRONT TOILET SEAT.  PROVIDED WITH LEFT AND RIGHT HAND ACCESS PANELS. COMPATIBLE FOR 4.5/3 & 6/3 LITRE FLUSH  OR SIMILAR APPROVED BY COUNCIL	BRITEX	PAN CODE: PC SEAT CODE: SVRC-B P TRAP: L06693 S TRAP: L06694  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	TOILET PAN: CHROME STAINLESS STEEL 304 <b>(SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)</b> SEAT: BLACK	355MM (W) X 410-434MM (H) X 650MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
URINAL		NOT APPLICABLE						
PUSH BUTTON AND FLUSH PLATE - OPTION 1  INSTALLED IN CONJUNCTION WITH CT1.	PB1	CAROMA INVISI SERIES II ROUND DUAL FLUSH METAL FACE PLATE & RAISED CARE PLASTIC BUTTONS  FULLY CONCEALED FIXING. PROVIDES COMPLETE SERVICE ACCESS TO THE INVISI SERIES II CISTERN.  CISTERN AND FLUSH BUTTONS TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 - 2021 REQUIREMENT.	CAROMA	CODE: 237086C  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	210MM (W) X 110MM (H). 20MM RAISED BUTTONS		FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
PUSH BUTTON AND FLUSH PLATE - OPTION 2  INSTALLED IN CONJUNCTION WITH CT2.	PB2	BRITEX PNEUMATIC IN WALL CISTERN RAISED BUTTONS SECURITY PLATE  HIGHLY VANDAL RESISTANT STAINLESS STEEL BACKING PLATE AND BUTTONS. PENITENTIARY FIXINGS. SUITS 80MM DEEP ULTRA SLIM TANK. OPERATING PRESSURE: 10-1000kPa  ACCESSIBLE THROUGH THE SERVICE PANEL ON THE CISTERN TANK ITSELF. WATERMARK AND WELS CERTIFIED.  CISTERN AND FLUSH BUTTONS TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 - 2021 REQUIREMENT.	BRITEX	3/4.5L FLUSH BUTTON CODE: FIW-SEC0453  3/6L FLUSH BUTTON CODE: FIW-SEC063  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME  STAINLESS STEEL 304 <b>(SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)</b>	200MM (W) X 95MM (H). 24MM RAISED BUTTONS		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
CISTERN - OPTION 1  NOTE: DO NOT INCLUDE FLUSH BUTTONS.  INSTALLED IN CONJUNCTION WITH PB1.	CT1	CAROMA INVISI SERIES II CISTERN INCLUDE BRACKET AND DESIGNED WASTE PIPE FOR INWALL, UNDER COUNTER, INDUCT AND INCEILING APPLICATIONS  WELS 4 RATED, 4.5/3 LITRE FLUSH IN WALL CISTERN APPLICATION. ADJUSTABLE TO 6/3 LITRE DUAL FLUSH. REFER TO MANUFACTURER'S INSTALLATION MANUAL FOR STRUCTURAL BRICK WALL, IN WALL OR INDUCT CISTERN INSTALLATION DETAILS.  CISTERN AND FLUSH BUTTONS TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 - 2021 REQUIREMENT	CAROMA	CODE: 237003  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES				FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
CISTERN - OPTION 2  NOTE: FLUSH BUTTONS AND ACCESS COVER PANEL ARE INCLUDED.  INSTALLED IN CONJUNCTION WITH PB2.	CT2	BRITEX IN WALL DUAL FLUSH HIGH VANDAL RESISTANT CISTERN WITH PNEUMATIC ACTUATORS  WELS 4 STARS RATED, 4.5/3 LITRE FLUSH IN WALL CISTERN APPLICATION. WELS 3 STARS RATED, 6/3 LITRE FLUSH IN WALL CISTERN APPLICATION. 80MM DEEP ULTRA SLIM TANK. MANUFACTURED OF LEAK PROOF HIGH DENSITY POLYETHYLENE FOR HIGH IMPACT RESISTANCE REMOVEABLE REAR ACCESS PANEL CENTERED OVER THE SERVICE OPENING OF CISTERN FOR SERVICE ROOM ACCESS.  CISTERN AND FLUSH BUTTONS TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 - 2021 REQUIREMENT	BRITEX	3/4.5L FLUSH BUTTON CODE: FIW-SEC0453  3/6L FLUSH BUTTON CODE: FIW-SEC063  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES				FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.

BASINS & TAPWARE								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
WALL MOUNTED BASIN	BSN1	3MONKEEZ COMPACT HAND BASIN WITH SAFETY RADIUS FASCIA AND SLIMLINE SPACE SAVING DESIGN.  40MM SPLASHBACK AND WALL BRACKETS. 3.1 LITRE CAPACITY. ALLOW FOR SELECTED TAPWARE HOLE ON THE LEFT OR RIGHT ON REQUEST. P TRAP INSTALLATION. SEE SELECTED TRAP. 40MM WASTE OUTLET PROVIDE WITH OPTIONAL SAFETEE-STRIP FOR NO SHARP EDGES.  OR SIMILAR APPROVED BY COUNCIL	3MONKEEZ	CODE: HBC  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME  STAINLESS STEEL 304 (SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)	400MM (W) X 142MM (H) X 215MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
WALL MOUNTED ACCESSIBLE BASIN	BSN2	BRITEX VANDAL RESISTANT ACCESSIBLE WASH BASIN WITH SAFETY RADIUS FASCIA, FULLY WELDED SEAMLESS CONSTRUCTION. ALLOW FOR SELECTED TAPWARE HOLE.  7 LITRE BOWL CAPACITY. P TRAP INSTALLATION. 40MM WASTE OUTLET SUPPLIED. VANDAL RESISTANT ACCESS PANEL. COMPLIANT WITH AS1428.  OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	BRITEX	CODE: HBDA  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME  STAINLESS STEEL 304 (SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)	445MM (W) X 380MM (H) X 470MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
CONCRETE COMMON VANITY BASIN	BSN3	CUSTOMISED SLOPING CONCRETE SINK MOUNTED ON CONCRETE PEDESTAL WITH TAP HOLES TO SUIT FOR ADULT AND CHILDREN AND DDA ACCESS	CONCRETE STUDIO	CUSTOM MADE	POLISHED WHITE CONCRETE	2000 - 1000MM (L) X 240MM (H) X 450MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
BASIN BOTTLE TRAP	TRAP	STAINLESS STEEL BOTTLE TRAP TO BE PAIED WITH BASIN WITH EXPOSED PLUMBING. TRAP IS SUPPLIED WITH MAXIMUM LENGTH AND CAN BE SHORTENED TO MINIMAL ADJUSTMENTS WITH A STANDARD HACKSAW.  ADOPTER FOR 32MM BASIN PLUGS	BRITEX	CODE: BTRAP  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME  STAINLESS STEEL 304 (SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)	TRAP RISER: 80-220MM TAP OUTLET DEPTH: 90 - 320MM		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
HAND BASIN TAPWARE - OPTION 1	TAP1	EDWARE DELABIE TEMPOSTOP TIME FLOW BASIN PILLAR TAP - PUSH BUTTON  TIME FLOW TAPWARE WITH AUTO SHUT OFF (3, 7 OR 15 SECOND FLOW TIME OPTION) PUSH BUTTON ACTIVATION VANDAL RESISTANT WELS: 5.5 STAR RATING FLOW RATE: 8L/MIN	ENWARE	CODE: TFC745P (7S, 8L/MINUTE)  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	45MM (W) X 80MM (H) X 105MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
HAND BASIN TAPWARE - OPTION 2	TAP2	PRESTO 605 TIMED FLOW BASIN TAP  PUSH BUTTON OPERATED BASIN TAP WITH AUTOMATIC SHUT OFF AFTER 7.5 SECOND  WELS: 6 STARS RATING FLOW RATE: 4.5L/MIN	THORNTHWAITE	CODE: P64608 - COLD 7.5 SEC  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	53MM (W) X 85MM (H) X 152MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
ACCESSIBLE HAND BASIN TAPWARE - OPTION 1	TAP3	EDWARE DELABIE TEMPOSTOP TIME FLOW BASIN PILLAR TAP - LEVER ACTION  TIME FLOW TAPWARE WITH AUTO SHUT OFF (3, 7 OR 15 SECOND FLOW TIME OPTION) PUSH BUTTON ACTIVATION VANDAL RESISTANT WELS: 5.5 STAR RATING FLOW RATE: 8L/MIN  OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	ENWARE	CODE: TFC745L (7S, 8L/MINUTE)  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	45MM (W) X 80MM (H) X 105MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
ACCESSIBLE HAND BASIN TAPWARE - OPTION 2	TAP4	PRESTO 705 TIMED FLOW LEVER OPERATED TAP  MULTI DIRECTIONAL LEVER OPERATED BASIN TAP WITH AUTOMATIC SHUT OFF AFTER 7.5 SECOND  WELS: 6 STARS RATING FLOW RATE: 4.5L/MIN OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	THORNTHWAITE	CODE: P64654 - 7.5 SEC  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	53MM (W) X 172MM (H) X 121MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT AREA. EG. 24 HOURS OPENED PUBLIC TOILET.
SHOWER & TAPWARE								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
SHOWER HEAD  INSTALLED IN CONJUNCTION WITH MXR1	SHWR1	VANGUARD VANDAL PROOF SHOWER HEAD VENDAL RESISTANT DESIGN WELS: 3 STARS RATING FLOW RATE: 9L/MIN 27MM JET SPRAY DIFFUSER	CONSERV	CODE: CS009C  316 STAINLESS STEEL MARINE GRADE CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	POLISH SUPREME	57MM DIA		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT BEACH AREA. AVAILABLE WITH SECURITY SYSTEM
OUTDOOR BEACH SHOWER	SHWR2	BEACH SHOWER - FREE STANDING DUAL WITH FOOT RINSE 2 X COLD WATER + 1 X FOOT WASH. 100 X 100MM WELDED TUBING WITH ACCESS PANELS STANDARD BOTTOM INLET PLUMBING WITH SS VANDAL RESISTANT BOLTS SUPPLIED TIME FLOW: 15-30 SECOND WELS: 3 STARS RATING FLOW RATE: 6L/MIN	RAINWARE BEACH	CODE: 5125 WITH FOOT RINSE  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	316 MARINE GRADE STAINLESS STEEL	2000MM (H) X 250MM SQUARE BASE		FIXTURE RECOMMENDED FOR USE TO SECURED CONTROL AND LESS VANDAL RESISTANT REQUIRED AREA. EG. SURF CLUB, VISITOR CENTRE
DISABLE SHOWER HEAD & GRAB RAIL  INSTALLED IN CONJUNCTION WITH MXR2	SHWR3	WALL MOUNTED SHOWER T RAIL KIT WITH SLIDER, HANDSET AND 1.5M HOSE AND BACKFLOW PREVENTION WALL CONNECTION. GRABRAIL. 32MM DIA TO BE INSTALLED AS1428.1 COMPLIANT. WATER PRESSURE: 150-500kpa WELS: 5 STARS RATING FLOW RATE: 6L/MIN OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	RBA	CODE: RBA1110-936 (RIGHT HAND KIT) CODE: RBA1110-937 (LEFT HAND KIT) CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	304 MARINE GRADE STAINLESS STEEL	HOSE: 1.5M LENGTH RAIL: 675MM (W) X 1100MM (H)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT DDA SHOWER CHANGE AREA.
SHOWER MIXER - OPTION 1  INSTALLED IN CONJUNCTION WITH SHWR1	MXR1	PRESTO TIMED FLOW SHOWER & TAP VALVE  SHOWER VALVE WITH AUTOMATIC SHUT OFF AFTER 20 SECOND  OR SIMILAR APPROVED BY COUNCIL	THORNTHWAITE	CODE: 1800066  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	100 MM DIA		SUITABLE FOR BEACH SHOWER. AVAILABLE WITH SECURITY SYSTEM
SHOWER MIXER - OPTION 2  INSTALLED IN CONJUNCTION WITH SHWR3	MXR2	OKEN SHOWER MIXER WITH RECTANGLE PLATE COMMERCIAL GRADE AS1428.1 COMPLIANT DUAL & INTUTIVE PROMINENT TEMPERATURE INDICATORS OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	RBA	CODE: RBA1110-750  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	CHROME	115MM (W) X 160MM (H)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT DDA SHOWER CHANGE AREA.



FIXTURES								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
BABY CHANGE STATION	BBC	SELECTION: BABY CHANGE STATION, PARALLEL, FULL STAINLESS STEEL – RECESSED, ROVAL COLLECTION  HIGH DENSITY POLYETHYLENE AND SATIN FINISHED. EASY ONE HANDED OPERATION WITH PULL HANDLE AND CONCEALED SPRING. CHANGING SURFACE IS HIGH IMPACT RESISTANT PLASTIC FOR EASY CLEANING. CONCEALED DAMPED GAS SPRING MECHANISM FOR SMOOTH AND SAFE OPENING AND CLOSING.  INCLUDE TWO PART ADJUSTABLE SAFETY STRAP AND 181 KG LOAD CAPACITY ASSURE CHILD PROTECTION. GRAPHIC AND INSTRUCTIONS IN FOUR LANGUAGES ON INTERIOR BACK. OR SIMILAR APPROVED BY COUNCIL.	JD MACDONALD	CODE: 10-9013 CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	STAINLESS STEEL 304	940MM (L) X 648MM (H) X 102MM (D)		
WASTE BIN	BIN1	VERTICAL MOUNT WASTE ACCESS DOOR WITH WASTE BIN - 25 LITRE.  DOOR AND FACE TRIM FABRICATED OF ALLOY 18-8 STAINLESS STEEL, GRADE 304, 18 GAUGE.  WASTE BIN LOCATED BEHIND WALL AND MAINTENANCE ACCESSIBLE FROM SERVICE DUCT. WASTE BIN WELDED CONSTRUCTION FABRICATED OF CORROSION PROTECTED STEEL 22 GAUGE.  WASTE ACCESS DOOR FOR DISPOSAL INTO WASTE BIN IS OPENABLE WITH FORWARD FINGER PRESSURE. WASTE DOOR RETURN TO CLOSED POSITION WHEN PRESSURE IS REMOVED.	JD MACDONALD	CODE: 10-1003-MV	STAINLESS STEEL 304. SATIN FINISH	OPENING: 320MM (W) X 220MM (H)		
AUTOMATIC SENSOR HAND DRYER	DRY	TURBO-TUFF RECESSED HIGH SPEED HAND DRYER FAST DRYING. AUTOMATIC OPERATES WITH INFRARED SENSOR WITH AUTO RESETTING THERMOSTAT. OWNER ADJUSTABLE AIR SPEED AND TEMPERATURE AND ON / OFF HEATING OPTIONS. NOISE LEVEL: 69.2 - 69.3 DBa DRYING TIME: APPROX 15 SEC OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	JD MACDONALD	CODE: 10-0135-2  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	SATIN STAINLESS STEEL	320MM (W) X 400MM (H) X 103MM (D)		
GRABRAIL - AMBULANT	GR1	S.S. 90° AMBULANT GRAB RAIL 32MM TUBE. CONCEALED FIX MOUNTING - 78MM DIAMETER MOUNT SUITS RIGHT HAND OR LEF HAND INSTALLATION COMPLY WITH AS 1428.1 CLAUSE 12.5.4 GRADRAILS REQUIREMENT OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	BRITEX	CODE: BTR-01-058 CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	STAINLESS STEEL 304 (SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)	450MM (W) X 450MM (H)		
GRABRAIL - ACCESSIBLE TOILET PAN	GR2	90 DEGREE EXTENSION WITH 300MM COMBINATION RAIL  ADJUSTABLE STAINLESS STEEL BACKREST WITH COMBINATION REAR RAIL AND RHS/ LHS RAIL WITH 90 DEGREE EXTENSION OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	BRITEX	CODE: BTX-BRC-R90-VR (SHOWN) CODE: BTX-BRC-L90-VR (SHOWN) CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	STAINLESS STEEL 304 (SS 316 STAINLESS STEEL FOR ALL COASTAL LOCATIONS)			
COAT HOOKS	HK	DIE CAST ZINC HOOK WITH RUBBER BUMPER  ALLOY ZP3, RUBBER BUMPER, ABS SNAP ON COVER MOUNTING: CONCEALED SCREW FIX OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	BRITEX	CODE: BTX-10-036 CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	SATIN PLATE CHROME	18MM (W) X 73MM (H) X 93MM (D)		
MIRROR	MIR	MIRROR, FRAMELESS - STAINLESS STEEL AS1428.1 COMPLIANT MIRROR FINISH WITH 8MM RETURN. PROVIDED WITH 6MM THICK CONCEALED TEMPERED MASONITE BACKING AND 4 MOUNTING HOLES. OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	JD MACDONALD	CODE: 10-8026-2439 (ACCESSIBLE COMPLIANT) CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	POLISHED S.S. 304	610MM (W) X 990MM (H)		
SOAP DISPENSER	SDIS	SURFACE MOUNTED LIQUID SOAP DISPENSER - 1 LITRE FEATURES PUSH BUTTON VALVE, TAMPER RESISTANT LEVEL WINDOW AND HINGED REFILL DOOR. OPENED WITH A SPECIAL KEY. OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	JD MACDONALD	CODE: 10-0347 SATIN FINISH CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	304 STAINLESS STEEL SATIN FINISH	122MM (W) X 208MM (H) X 76MM (D)		
ACCESSIBLE SHOWER SEAT	SEAT	ACCESSIBLE SHOWER SEAT FOLDABLE POWDER COATED WHITE STAINLESS STEEL SLAT SHOWER SEAT. SLIP RESISTANT SEAT WITH ROUNDED EDGES. OR SIMILAR APPROVED BY COUNCIL TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT	JD MACDONALD	CODE: SS960A  CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	WHITE/ SATIN CHROME	960MM (W) X 480MM (H) X 400MM (D)		FIXTURE RECOMMENDED FOR USE TO HIGH VANDAL RESISTANT DDA SHOWER CHANGE AREA.
SYRINGE CONTAINER DISPOSAL BIN	SCDB	WALL MOUNTED SHARPS CONTAINERS AND ACCESS PANEL WITH SHARP RECEIPTABLE BIOHAZARD WARNING SIGNAGE.  VANDAL PROOF HEAVY DUTY STAINLESS ACCESS PANEL WITH SHARPS DISPOSAL PENETRATION. SHARPS CONTAINER TO BE SECURED AND ATTACHED BEHIND SERVICE DUCT WALL FOR MAINTENANCE.						
TOILET PAPER DISPENSER	TPD1	SURFACE MOUNTED SINGLE JUMBO ROLL HOLDER TOILET PAPER DISPENSERS SINGLE ROLL HOLDER CABINET WITH CLEAR PLASTIC WINDOW AND BOTTOM OPENING FABRICATED OF ALLOY 18-8 STAINLESS STEEL, GRADE 304, 18 GAUGE (0.048/ 1.2MM THICK) WALL MOUNTED WITH 5 MOUNTING HOLES. KEY LOCK COVER PREVENTS UNAUTHORIZED ACCESS OR REMOVAL. OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	JD MACDONALD	CODE: 10-0042 SATIN FINISH CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	304 STAINLESS STEEL SATIN FINISH	254MM DIAMETER WITH 41MM OR 57MM DIA CORE  270MM(DIA) X 114MM(D)		UNDER 150MM DEEP PROJECTION COMPLY WITH AS1428
TOILET PAPER DISPENSER	TPD2	SURFACE MOUNTED DOUBLE JUMBO ROLL HOLDER TOILET PAPER DISPENSERS TWO ROLL HOLDER CABINET WITH CLEAR PLASTIC WINDOW SLOTS AND BOTTOM OPENING FABRICATED OF ALLOY 18-8 STAINLESS STEEL, GRADE 304, 18 GAUGE (0.048/ 1.2MM THICK) WALL MOUNTED WITH 5 MOUNTING HOLES. KEY LOCK COVER PREVENTS UNAUTHORIZED ACCESS OR REMOVAL. OR SIMILAR APPROVED BY COUNCIL <b>TO BE INSTALLED IN COMPLIANCE WITH AS1428.1 -2021 REQUIREMENT</b>	JD MACDONALD	CODE: 10-0040 SATIN FINISH CHECK WITH MANUFACTURER FOR THE LATEST MODEL TYPES	304 STAINLESS STEEL SATIN FINISH	229MM DIAMETER WITH 57MM OR 76MM DIA CORE  529MM(W) X 289MM(H) X 157MM(D)		OVER 150MM DEEP PROJECTION, DO NOT COMPLY WITH AS1428
FIXTURES - ACCESSIBLE ADULT CHANGE FACILITY								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
ACCESSIBLE ADULT CHANGE FACILITY EQUIPMENTS AND FITTINGS.		IN ACCORDANCE WITH CHANGING ADULT PLACES.  ADULT CHANGE FACILITY IS IN TYPE 3 AMENITIES (LARGEST AMENITIES TYPE). BELOW IS THE EXTRACT OF THE GUIDELINE AND INCLUSION OF FIXTURES & EQUIPMENTS.  <b>Design options</b>  <b>Type 2</b> 01 Room coverage hoist 02 Accessible WC incl. backrest and lift up grab rails Two 800mm long horizontal grab rails at 800mm 03 1000mm above floor level for adjusting clothes (while person holds onto grabrail) 04 Adjustable height change table, 1800mm long with tide safety rail 05 Disposable change table cover dispenser with shelf over 06 Integrated wash hand basin 07 Hand dryer 08 Rubbish bin 09 Retractable privacy curtain, wall mounted 10 Accessible shower 11 Soap dispenser 12 Clothes hook 13 Large sling hook 14 Automatic door control	ARCHABILITY. CONTACT NO: 02 96492111. UNIT 8, 110-120 SILVERWATER RD, NSW 2128. www.archability.co m.au / OR SIMILAR EQUIVALENT	REFER TO SUPPLIER BROCHURE FOR COMPLETE EQUIPMENT AND PARTS. PLATINUM PACKAGE.  PLATINUM  Pressall Change table XY Wall mounted tracking system Luna Transactive Hoist Pressall shower curtain Platinum grade bathroom fixture	STAINLESS STEEL TO FIT FOR COMMERCIAL AND COASTAL CONDITION WHERE REQUIRED.			

EXTERNAL FURNITURE								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
EXTERNAL BINS	BIN2	ESCOLA BIN ENCLOSURE DUAL UNITS WITH ANGLED ROOF - 240L EACH ETCHED SIGNAGES: POWDER COATED GARBAGE & POWDER COATED RECYCLE AS PER COUNCIL'S STANDARD GENERAL GARBAGE BIN: LOBSTER RED ROOF WITH SLOT INSERT RECYCLE BIN: BRILLIANT YELLOW ROOF WITH CIRCULAR INSERT MOUNTING: SURFACE FIXED TO GROUND	STREET FURNITURE	CODE: WBE-E240 WITH ANGLED ROOF	BODY: STAINLESS STEEL 316. POWDERCOAT MONUMENT DOOR FRONT: ALUMINIUM SPOTTED GUM	570MM (W) X 1180MM (H) X 590MM (D)	 	
OUTDOOR SEATING BENCH	BENCH	ARIA 2 SEATER BENCH BATTEN WITH ARIA PEDESTAL LEGS AND 2 END ARMS BENCH BATTENS IN ALUMINIUM WOODGRAIN FINISH. FRAME IN ALUMINIUM POWDER COATED FINISH. PROVIDE SUBSURFACE OR SURFACE FIXED TO GROUND.	STREET FURNITURE	CODE: CMA4-2B	FRAME & ARMS: STAINLESS STEEL 316. POWDERCOAT MONUMENT BATTEN: ALUMINIUM SPOTTED GUM POWDERED COATED	1200MM (L) X 445MM (D) X 430MM (H)	 	
BICYCLE RACK	BIR	LINEA BICYCLE STAND PARKING WITH ALUMINIUM POWDER COATED FRAME AND ALUMINIUM WOODGRAIN BATTEN INSERT. PROVIDE CORE DRILLED FLOOR MOUNTING.	STREET FURNITURE	CODE: BST07	FRAME: STAINLESS STEEL 316. POWDERCOAT MONUMENT BATTEN: ALUMINIUM SPOTTED GUM POWDERED COATED	600MM (W) X 73MM (H) X 75MM (D)	 	
SURFBOARD RACK	SURF	HEAVY DUTY SURFBOARD WALL RACK STAINLESS STEEL FOR VERTICAL STACK 8 FINGERS FIT 1 - 8 BOARDS			316 MARINE GRADE STAINLESS STEEL	780MM (W) X 500MM (D)		
RAINWATER TANK	TANK	TALL SQUARE AQUAPLATE STEEL WATER TANK RAINWATER COLLECTION FOR TOILET FLUSHING AND LANDSCAPE IRRIGATION PLUMPING CONNECTION, POWER PUMP, CONTROL VALVE, INLET STAINER AND OVERFLOW TO HYDRAULIC ENGINEER DETAILS.	KINGSPAN		AQUAPLATE COLORBOND STEEL SHALE GREY	TYPE 1 LOCAL: 1000L TYPE 2 DISTRICT: 1500L TYPE 3 REGIONAL: 2000L		
WATER DRINKING FOUNTAIN	WFD	AQUAFIL FLEXFOUNTAIN 2100BF. FREE STANDOUT DRINKING WATER STATION WITH LARGE SCALE CUSTOM GRAPHIC PANELS - WHEELCHAIR, CHILDREN AND DOG ACCESSIBLE. TWO WATER BOTTLE REFILL POINTS (AS1428.2-1992 COMPLIANT) STAINLESS STEEL CONSTRUCTION AND BUTTONS. CUSTOM ART PANELS WITH UV AND ANTI-GRAFFITI PROTECTION. PROVIDE WITH OPTIONAL SWINGING DOG BOWL, OUTDOOR REMOTE CHILLER AND DRAINAGE CAGE	CIVIQ	CODE: 2100BF	316 MARINE GRADE STAINLESS STEEL	18MM (W) X 73MM (H) X 93MM (D)		

SMART TECHNOLOGY								
ITEM	ELEMENT CODE	PRODUCT	SUPPLIER	MODEL/PRODUCT	COLOUR/CODE	SIZE	IMAGE	NOTE
BMS MONITORING SYSTEM + REMOTE NETWORK		BUILDING MANAGEMENT SYSTEM UNIT AND WIFI ROUTER WITH SIMS CARD FOR MOBILE DATA. THE SYSTEM IS TO CONNECT BACK TO COUNCIL HEAD UNIT TO BE ABLE TO CONTROL REMOTELY TO VARIOUS SMART TECHNOLOGY INSTALLED IN THE AMENITY.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	TO BE LOCATED WITHIN THE REAR SERVICE ROOM.		BENEFIT: REMOTE, EFFICIENT OPERATION AND MONITORING.
DOOR AUTO LOCK		AUTO DOOR LOCK SYSTEM FOR INDIVIDUAL AMENITIES CUBICLE. AUTO TIMED OPENING AND CLOSING HOURS AND ABILITY FOR OPERATOR TO REMOTELY CONTROL & OVERRIDE. THE AUTO DOOR LOCK IS TO COMPLY WITH EGRESS REQUIREMENT OF NCC AND AS1428, WHICH REQUIRE OCCUPANT TO BE ABLE TO UNLOCK FROM THE INSIDE.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	TO BE LOCATED WITHIN THE REAR SERVICE ROOM.		BENEFIT: REMOTE OPERATION, REDUCTION OF MANUAL LOCK AND UNLOCK OF REMOTE SITES.
USAGE TIMED MONITOR		THIS MAY BE OPTIONAL CONNECTION WITH THE DOOR AUTO LOCK. TIMED USE SYSTEM DOOR LOCK WHEN IN USED UP TO CERTAIN TIME AND PROVIDES AUDIO NOTIFICATION TO USER WHEN TIME IS NEARLY UP AND UNLOCK WHEN TIME IS EXPIRED. USER CAN OPT TO PRESS LOCK BUTTON AGAIN TO EXTEND THE TIME.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	TO BE LOCATED WITHIN THE REAR SERVICE ROOM.		BENEFIT: TO PREVENT PROLONGED USE OF THE AMENITIES OTHER THAN THE INTENDED USE. PREVENT LOITERING.
QR CODE USER FEEDBACK AMENITIES BOARD		QR CODE AS PART OF THE AMENITIES INFORMATION BOARD FOR USER TO PROVIDE FEEDBACK AND REPORT BACK TO COUNCIL/ OPERATOR WHICH THE CODE IS UNIQUE TO EACH INDIVIDUAL SITE. THIS PROVIDES REAL-TIME FEEDBACK WHICH USER CAN REPORT ON ISSUES ON CLEANLINESS, NEEDS, SAFETY AND FAULTS.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	AT THE FRONT OF THE AMENITIES BLOCK, REFER TO 3D CONCEPT IMAGES.		BENEFIT: REMOTE AND EFFICIENT MONITORING. DATA COLLECTION CAN INFORMED AMENITIES CONDITION.
FOOT TRAFFIC SENSOR		SMALL INFRARED SENSOR TO DETECT PASSING USER ENTERING INTO THE AMENITIES SITE. THIS COULD POSSIBLY BE INTEGRATED WITH THE DOOR AUTO LOCK & TIMED SYSTEM, OR IT COULD BE SEPARATE DEVICE DEPENDING ON THE TECHNOLOGY ACQUIRED.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	AT EITHER SIDE OF THE ENTRANCE, REFER TO 3D CONCEPT IMAGES.		BENEFIT: REMOTE, EFFICIENT OPERATION AND MONITORING. DATA COLLECTION CAN INFORMED FUTURE DEVELOPMENT.
CCTV CAMERA		CCTV SECURITY CAMERA TO PUBLIC AREA IN ACCORDANCE TO STATUTORY REQUIREMENTS. HIGH QUALITY, NIGHT VISION, VANDAL PROOF, REMOTELY MONITORED AND ANGLE ADJUSTMENTS, MEMORY HARD DRIVE TO SUIT.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	LOCATION TO BE DETERMINED BY THE SECURITY EXPERT.		BENEFIT: IMPROVED SAFETY AND SECURITY
SENSOR & TIMED POWER, GPOs AND LIGHTS		GENERAL LED LIGHTING TO BE ON SENSORS. PROVIDE LED LIGHT FITTINGS WITH MARINE GRADE VANDAL RESISTANT. EXTERNAL GPO ENCLOSURE WITH THAT CAN BE REMOTELY LOCK/ UNLOCK FOR SPECIAL EVENTS IN PUBLIC SPACE WHICH UTILISES THE POWER FROM THE AMENITIES BLOCK - EVENTS COULD REIMBURSE POWER USE WITH THIS CONTROLLED GPO POINT.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	LOCATION TO BE DETERMINED BY THE ELECTRICAL ENGINEER AND LIGHTING CONSULTANT.		BENEFIT: SUSTAINABILITY, LOWER OPERATING COST AND REVENUE GENERATION OPPORTUNITY
SOLAR PANELS & BATTERY STORAGE		MAXIMISE SOLAR PV PANELS ON THE ROOF. BATTERY STORAGE IN THE SERVICE ROOM, Kw SIZE ADEQUATE FOR 1 DAY USAGE POTENTIALLY (4 Kw)- TO BE DISCUSSED WITH SPECIALIST. IF AMENITIES ARE LOCATED NEAR PUBLIC CARPARK, OPPORTUNITY FOR REVENUE GENERATION TO CONNECT TO ELECTRIC CAR CHARGING POINTS WHICH CHARGING PROVIDER PAYS RENTAL TO CONNECT TO AMENITIES POWER.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	LOCATION AND SIZE TO BE DETERMINED BY THE SOLAR PROVIDER.		BENEFIT: SUSTAINABILITY, LOWER OPERATING COST AND REVENUE GENERATION OPPORTUNITY
HELP BUTTON INTERCOM		TO IMPROVE AMENITIES AS A SAFE REFUGE PLACE. HELP BUTTON LOCATED IN THE ACCESSIBLE TOILET FOR USER SEEKING REFUGE. ABILITY CALL FOR HELP OR FOR MEDICAL INCIDENT. THE HELP BUTTON IS TO BE LOCATED AS PER AS1428 AND TO BE VANDAL PROOF MECHANISM SUCH AS TIME HOLD TO BE CONNECTED TO EMERGENCY SERVICES.	TO BE CONSULTED AND SPECIFIED BY THE ELECTRICAL, TECHNOLOGY & IT SPECIALIST		EXTERNAL, WATERPROOF, MARINE CONDITION & COMMERCIAL GRADE	INSIDE THE ACCESSIBLE TOILET		BENEFIT: IMPROVED SAFETY AND SECURITY



## 4.9 Public Toilet Capacity Assessment Guideline

The Public Toilet Capacity Assessment Guideline (Guideline) applies to the planning of the number of toilet cubicles when renewing or building new public toilets. This section will explore some of the ways to capture, analyse, compare and reference data in applicable references/guidelines and apply them to calculate the number of toilet cubicles to be provided in a specific location.

The correct sizing of a toilet facility, including the number and type of cubicles is at the Implementation Manager's discretion. Adjustments are to be made to specific applications taking into consideration site attributes such as intended use, location, demographics, surrounding conditions and other available shared facilities in proximity to the site. It is critical for this Guideline to be flexible and able to be modified, in order to balance the operational management of the overall public toilet network along with other factors such as program, budget, quality, quantity, industry trends, compliance, changing demographics, risks, design and technology, operational and maintenance resources availability and various other organisational, legislative and social factors.

This capacity assessment is a guideline only and is to be continually updated and fine-tuned with the latest available information, statutory guidelines, lessons learned, feedback and operational findings. This Guideline will not be applicable where a site falls under an applicable statutory requirement such as toilets in a classified building which falls under the NCC statutory requirements. This section will explore methodology options in relation to public toilets in an open space use environment, such as at public parks and reserves as these open space areas are not classified under a specific statutory policy/standard such as the NCC. This section therefore acts as guidance material to help managers determine the optimal number of toilet cubicles for a public amenity, in the absence of a current applicable standard. This section also excludes short term and seasonal demand factors such as events and holiday periods, which are addressed in section 4.7 'Amenities Design Type F (Type F: Temporary relocatable toilets)' which outlines processes for temporarily boosting toilet capacity in locations where short periods of demand have been identified to occur outside of the average norm.

The sections below are comprised of test measures and data collation techniques that can be utilised by the Implementation Manager to determine the adequate toilet cubicle capacity for a particular public open space site during the planning phase.

### 4.9.1. Occupancy Data

It is recommended to collect site or existing toilet occupancy data (if possible) over a series of weeks to assess the number of occupants per hour, and per demographic, for nominated periods of the year. The data collection period should be based on the proposed use and operating hours with the aim of identifying the average and peak use of the site under normal conditions in clear weather, not including the outlying use in peak demand periods such as holidays, and activities/events scheduled at, or around the site. The nominated data collection period is to be determined by the Implementation Manager and is to be balanced with Council's programs and objectives and each specific site's programmed/scheduled events and seasonal demand factors.

Data collection can be undertaken in numerous ways such as:

- Manual data counts and surveys (physically undertaken by people using hand operated counters and records to assess user counts and dwell times).
- CCTV (can be set to electronically count the number of users entering the toilet facility and dwell time).
- Door sensors (can be set to electronically count the number of users entering the toilet facility and, in conjunction with CCTV, the dwell time).
- Occupancy sensors (can be set to count the number of users of a cubical or area and record dwell time).

It is ideal to use the data collected to assess the dwell time of occupants using public toilets, as this connects the number of users to the time spent within the cubical in order to arrive at an average time of use. Refer to criteria 4.9.3 - Amenities Dwell Time for further information. Depending on the specific location, it may be advantageous to assess the dwell time of users at adjacent spaces such as beaches and open space areas, as this may influence the toilet size and type, with users to be categorised as either staying less than 30 minutes or greater than 30 minutes, as well as users per hour. Where only open space data is available, users staying in the open space area for greater than 30 minutes can be used to guide the toilet occupancy numbers, as time will indicate the potential need for toilet use. These assessment criteria are consistent with the methodology for criteria 4.9.2 - Statutory Reference.

#### 4.9.2. Statutory Reference

The NCC is a statutory code for all buildings in Australia and includes provisions for the prescribed number of toilets based upon the projected occupancy number of a specific type of building. The number and type of amenities under the NCC varies and is dependent on a number of factors, including the proposed use of the building and its assigned classification. For buildings which do not fall under the NCC classifications checks must be undertaken with local governing bodies/Councils for any site-specific public toilet guidelines to ensure compliance and consistency.

For toilets which are part of a classified building, the NCC will be the statutory guideline for calculating the number of toilets required. For example, toilets that are in a public hall require the application of NCC Class 9b Table F4D4I (Figure 95 below), which requires the building design occupancy to dictate the total number of toilets required.

Table F4D4I Sanitary facilities in Class 9b buildings – public halls, function rooms or the like

User group	Facility type	Design occupancy	Number
Male patrons	Closet pans	1 - 100	1
		>100	Add 1 per 200
	Urinals	1 - 50	1
		51 - 100	2
		101 - 150	3
		151 - 200	4
		201 - 250	5
		>250	Add 1 per 100
	Washbasins	1 - 50	1
		51 - 200	2
		>200	Add 1 per 200
Female patrons	Closet pans	1 - 25	1
		26 - 50	2
		51 - 100	3
		101 - 150	4
		151 - 200	5
		201 - 250	6
		>250	Add 1 per 100
	Washbasins	1 - 50	1
		51 - 150	2
		>150	Add 1 per 200

Figure 95: Table F4D4I Sanitary facilities in Class 9b buildings - public halls, function rooms or the like, NCC 2022 - Australian Building Codes Board

For a public toilet in an open public space environment such as a park or reserve, there is no applicable building classification under the current NCC, however open space is similar or closest to a public gathering space/use and the NCC ratio Class 9b Table F4D4I may be used as a high level reference only (not statutory) and with design occupancy of occupancy numbers per hour above the dwell time threshold.

For example, where 30 occupants are anticipated per hour (staying above the dwell time threshold of greater than 30 minutes at any single time) the occupancy number can be assessed as 30 occupants. These 30 occupants under the NCC are divided equally between males and female (fifteen male and fifteen female). Using the table above the required number of toilets would be.

- Male: one closet pan, one urinal and one wash basin.
- Female: one closet pan, one wash basin
- Accessible: one accessible toilet and one accessible wash basin.

It is important to note that the reference table above does not give guidance as to the number of unisex toilets other than a unisex accessible toilet. This is because currently the NCC 2022 does not have provision for unisex, or all gender facilities in its facility types. Where there is possibility of future NCC provision for utilising unisex cubicle designs, in the above example it would likely result in two unisex ambulant and one accessible unisex cubicle, with the potential for shared washing facilities provided they were accessible to all users and demographics.

There may also be cases where a mix of uses are noted, such as at a public park with a public toilet or as part of a sports pavilion and public hall building (sports pavilion toilet provisions falls under NCC Class 9b Table F4D4j). In these cases, assessment of the nearest/closest use of NCC facility table for the public park may not be suitable and assessment is to be made on a case-by-case basis by the Implementation Manager/qualified authority.

#### **4.9.3. Toilet Dwell Time**

Toilet dwell time is another criteria or test measurement that can be used to calculate the optimal number of toilets required per building. This measure is only to be used where the building cannot be classified under the NCC and the NCC guidelines cannot be used to determine the number of applicable toilets within the building for the application. In all cases the NCC should be consulted first in an attempt to determine the number of toilets required for the building.

Where occupancy data (see 4.9.1 Occupancy data) includes the assessment of dwell time, this information can be used to more accurately assess facility use over time and therefore determine capacity needed and the number of toilets required.

In researching for applicable dwell time indicators, no identified published studies in Australia of public open space toilet dwell times were identified. The only article identified was a published study in 2019 in the United States Journal of Building Engineering '*The toilet paper: Bathroom dwell time observations at an airport*'. The study observed the bathroom dwell time at an airport, and although it is noted that this is not a public open space such as a park, the operation and behaviour pattern would be similar in any public toilet facility setting and can be used as a reasonable reference in the absence of any greater empirical data. The study suggests that the average dwell time in a toilet is 136 seconds (2.16 minutes) for males, 166 seconds (2.46 minutes) for females and 311 seconds (5.11 minutes) for accessible toilet users, although it is noted the accessible toilet data set is of a smaller sample size.

These identified dwell time indicators are to be used as a benchmark guide only, with the application of these metrics to be considered on a case-by-case basis by the Implementation Manager/qualified authority.

#### **4.9.4. Consumables and Water Use**

For existing toilets, it is recommended to assess the use of cleaning consumables and water as an indicator of utilisation and toilet capacity. The amount of water consumed by the toilet, or the amount of toilet paper used over a period of time can be used to indicate the amount of use the toilet gets per demographic.

For example, where the amount of toilet paper used in the accessible toilet exceeds that of the other cubicles it could indicate increased demand for that facility as opposed to the others. Also, where a facility regularly runs out of consumables it can indicate increased demand and increased capacity may be required for this type of toilet.

Water consumption can be used to indicate the amount of toilet cistern fills and therefore the amount of flushes the toilet facility does over a given period. This metric can be skewed by the presence of shower facilities, handbasins, taps and water bubblers and should be reviewed in conjunction with the lists of assets and services the water provides on the site.

Correlating consumables use with toilet utilisation and capacity is not a reliable indicator on its own and metrics should be used in conjunction with other measures such as occupancy data to assess the utilisation more accurately.

#### **4.9.5. Similar Areas and Sites**

For new toilets where no existing toilet is on-site and therefore no occupancy data available, then areas with similar attributes can be utilised to indicate potential use. The Implementation Manager can identify sites with similar attributes and assess the occupancy and utilisation data to arrive at a proposed optimal number of toilets to provide at the new facility.

When using this measure, individual site attributes become key with identification of key drivers for use needing to be identified, including the presence of walking paths, playgrounds, recreational equipment, and natural and fabricated landmarks potentially indicating use through dwell time assessment. Features such as walking paths indicate potential transient use while fixed formations such as beaches, skate parks and playground equipment



indicate a prolonged user presence greater than the 30 minute threshold indicating the need for toilets.

Where the Implementation Manager/authority has identified similar sites, these should be assessed using all available measures to arrive at average usage patterns that could be applied to the new facility. Some consideration should be given to usage over time, both increasing and decreasing, and the proximity of the toilets to other publicly available amenities, that can be used to spread the demand on the one facility over other parts of the network.

#### **4.9.6. Feedback**

Using feedback from various sources such as the community, operational staff and other organisational resources can assist in the identification of toilet capacity. This can be used for new or renewal-based projects and can be effectively used in the comparison of other similar areas, as outlined in 4.9.5 Similar Areas and Sites. The measures obtained in this manner are indicative only and must be tested in a more scientific manner to arrive at an optimal number of toilets for the facility. It is often the case with feedback that is highly subjective and timely, and not a conclusive way to size a facility. However, as with 4.9.4 Consumables and Water Use, this measure can be combined with other subjective and objective measures to arrive at more accurate indication of toilet utilisation.

#### **4.9.7. Accessible and Ambulant toilets**

The provision of toilets in any arrangement (unisex, male/female split) must be accompanied by ambulant and fully accessible toilet buildings to comply with inclusivity and NCC requirements.

In any public toilet it must contain at least one fully accessible toilet. Any public toilet containing more than one cubicle must have one accessible toilet and two ambulant equipped cubicles.

The provision of accessible changerooms and associated equipment is needs based and at the discretion of Council and the Implementation Manager/authority, based upon the proposed use of the facility, facility constraints and overall use and activities undertaken in the surrounding area.

#### **4.9.8. Sizing the Public Toilets**

The correct sizing of a public toilet facility can be a challenging task for Implementation Managers/authorities particularly where a site is not classified under the NCC, or its use or attributes are not reflected in the NCC guidance material. It is also a primary objective of government in general to suit the community needs whilst doing so in the most efficient way possible. Sizing a facility in an efficient and an effective manner means identifying the optimal levels to service users at the balance of low costs and quality. This results in a toilet that is serving average needs, catering to average peak demand, and using judgement on the need for temporary facilities or supplementary services required to manage demand drivers, such as public holidays and events. The effective and economical provision of a public toilet network relies on such an approach, while it is noted there will be short periods of queuing and wait times for toilets in selected areas, at peak demand times and days such as weekends. This is not considered by Council to be unreasonable, provided the facility, its hygiene maintenance regime and consumables can cater to the demand.

Where the NCC is applicable to the building its statutory guidance must be implemented. Instances where a public toilet is complimentary to users as part of the greater building, the measures highlighted above are to be used to assess demand and arrive at a number of cubicles and type to provide.

Where the NCC does not provide guidance, then a combination of the measures above are to be utilised by the Implementation Manager/authority to assess demand and arrive at a number of cubicles and type to provide. These may require a number of different scenarios using various metrics to be created and modelled, in an attempt to work out the optimal number of toilet cubicles and type to provide; although the minimum number of ambulant and accessible must be achieved in all cases (refer 4.9.7 Accessible and Ambulant Amenities).

Noting the benchmarking dwell guides highlighted in 4.9.3 Dwell Time, a conservative estimate of typical use can be derived by taking the highest number in the set as the test measure. The test measure of up to 5 minutes dwell time per user per visit can be used where there is no available data relative to the study to suggest a reasonable estimate. This method is only a guide and is to be used where there is no other measure available (e.g. like site, existing building, occupancy assessment possibility, etc.).

Occupancy dwell time is the primary indicator that can be relied upon when sizing the toilet facility, with other measures such as feedback, consumable use and like sites to be used to ground truth or provide empirical evidence to support or test the proposed toilet size.

For example, if the assessed average dwell time of an occupant is 180 seconds (3 minutes) then the total occupancy is 20 users per hour per cubical. Where the conservative maximum number of 300 seconds (5 minutes) is applied then the total occupancy is 12 users per cubical, per hour. In a unisex, three cubical toilet facility over a 12-hour period using the average dwell time of 3 minutes, the total users of that toilet could be up to 720 (20 users per hour, multiplied by three cubicles, multiplied by 12 hours of operation). However, using the conservative maximum of 5 minutes could see the total users of that toilet at 432 over a twelve-hour period of operation.

Regardless of the test measures available or site attributes, where the NCC is not applicable each individual public toilet facility is to be determined on a case-by-case basis, based on the information at hand at the time of planning. Its final size, gender demographic make-up and layout are at the discretion of the Implementation Manager/ authority and are subject to Council's constraints, operational capacity, budgets, programs, strategies and priorities.



5



## 5 Implementation Plan

### 5.1 Overview of Existing and New Public Toilets

Section 5 is a comprehensive, detailed public toilet review, inspection of the Council selected existing public toilets and assessment of the new public toilet opportunity sites. This section aims to provide a high level recommended action plan, scope of upgrades to existing or new toilet opportunities, and Implementation Plan program subject to Council's final adopted plan.

#### 5.1.1 Existing Public Toilets

Existing public toilets that are owned by Council and those under the management of other parties which comprise both stand-alone toilets and toilets integrated with community and recreational (including sporting, cemeteries) facilities.

210 available public toilets are under Council's portfolio and an additional two public toilets which are currently closed, combined this is a total of 212 public toilets within Council's portfolio. 90 existing public toilets were identified by Council for detailed audit and inspection. These assets are selected based on their age and condition which are greater than 30 years in operation and have not undertaken any main work renovations.

All assets not selected for inspection are either less than 30 years in operation, are presently scheduled for renewal or have had main work renovations undertaken in the last 20 years.

#### 5.1.2 New Public Toilets

In total, there are 27 new public toilet opportunities across the LGA that are reviewed in Section 3.1. The remaining new opportunities are the other existing sporting amenities sites which are listed in Section 2.2D of the Strategy. Currently the existing sporting amenities sites are open during sporting events, however the Strategy recommends to modify and have these sites open daily for the public. Further detailed review of these sporting amenities sites are to be investigated for accuracy of implementation. The aim is to meet the demands for current and future public toilets and to enhance the existing public amenities in the areas such as parklands, tourism and recreational facilities.

Budgewoi Area		
Total number		Total number
Inspected		31
Breakdown		
For rebuild	Council owned and managed	8
For relocation		15
For renovation (maintenance)		4
Redundant (for demolition)		4

Gosford East Area		
Total number		Total number
Inspected		18
Breakdown		
For rebuild	Council owned and managed	7
For relocation		3
For renovation (maintenance)		7
Redundant (for demolition)		1

Wyong Area		
Total number		Total number
Inspected		8
Breakdown		
For rebuild	Council owned and managed	1
For relocation		5
For renovation (maintenance)		1
Redundant (for demolition)		1

Budgewoi Area		
Total number		7
Breakdown		
Typology	Council owned and managed	
Type A - Local Toilets		5
Type B - District Toilets		1
Type C - Regional Toilets		-
Council to convert part of the existing facility for public access and use		1

Gosford East Area		
Total number		5
Breakdown		
Typology	Council owned and managed	
Type A - Local Toilets		5
Type B - District Toilets		-
Type C - Regional Toilets		-

Wyong Area		
Total number		7
Breakdown		
Typology	Council owned and managed	
Type A - Local Toilets		3
Type B - District Toilets		2
Type C - Regional Toilets		-
Council to convert part of the existing facility for public access and use		2

The Entrance Area		
Total number		Total number
Inspected		18
Breakdown		
For rebuild	Council owned and managed	4
For relocation		7
For renovation (maintenance)		2
Redundant (for demolition)		5

Gosford West Area		
Total number		Total number
Inspected		15
Breakdown		
For rebuild	Council owned and managed	6
For relocation		7
For renovation (maintenance)		2
Redundant (for demolition)		0

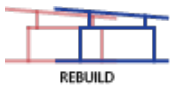

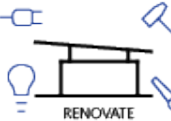

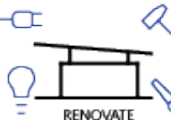





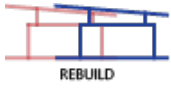

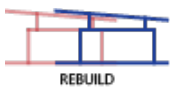

Table 49: Summary of Implementation for Existing Public Toilets per area

The Entrance Area		
Total number		5
Breakdown		
Typology	Council owned and managed	
Type A - Local Toilets		2
Type B - District Toilets		1
Type C - Regional Toilets		1
Council to convert part of the existing sport facilities for public access and use.		1

Gosford West Area		
Total number		3
Breakdown		
Typology	Council owned and managed	
Type A - Local Toilets		3
Type B - District Toilets		-
Type C - Regional Toilets		-



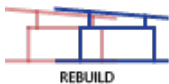

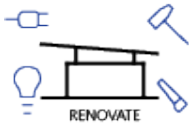







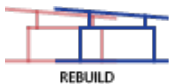

Table 50: Summary of Implementation for New Public Toilets per Area

**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

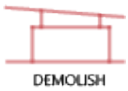

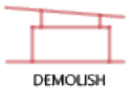

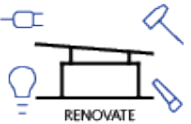



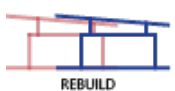





No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB01	BL0221PT	Mannering Park Tennis Clubhouse Public Toilet	Mannering Park	GPT - District, Tennis Courts, Skatepark, Dog OLA (proposed new)	60	Poor and outdated fixtures.	IW: Renovate internal fixtures to current standards. MW: New Type B - District Toilets.
							
EB02	BL0328	Vales Point Park Public Toilet	Mannering Park	GPT - Local, boat ramp, tidal bath	50	Broken and outdated fixtures.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. MW: Refresh line markings for DDA parking and boat trailer parking. Renovate the building exterior and internal fixtures to meet current standards.
							
EB03	BL0234	Joshua Porter Reserve Public Toilet	Chain Valley Bay	GPT - Local, Boat Ramp, Lake Swimming	40	Poor and outdated fixtures.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. MW: Refresh line markings for DDA parking and boat trailer parking. Renovate the building exterior and internal fixtures to meet current standards.
							
EB04	BL0217	Lake Munmorah Tennis Public Toilet	Lake Munmorah	GPT - Local, Tennis Court, Skatepark	38	Facility locked and in poor condition. Significant social and graffiti vandalism.	Poor facility and surveillance. Close and demolish existing local skatepark facility. Skatepark Action Plan: Close existing. Providing a new regional facility is proposed at Tall Timbers Road. MW: Pending Tennis Court strategy, provide new Type A - Local Toilets near street parking. Civil upgrade work to Council Scope (Parking/ Services).
							
EB05	BL0213	Lake Munmorah Hall Public Toilet	Lake Munmorah	GPT - District	60	Poor and outdated fixtures. Poor siting and visitation.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Relocate new Type A - Local Toilets with beach shower near playground and DDA parking.
							
EB06	BL0339	Tom Burke Reserve Public Toilet	Lake Munmorah	GPT - Local, Beach	60	Poor and outdated fixtures. DDA non-compliance.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Construct new Type A - Local Toilets with beach shower facing Dianne Avenue with clear sightlines and access to playground and DDA parking.
							
EB07	BL0245	Sandy Beach Public Toilet	Summerland Point	GPT - Local, Beach	48	Poor and outdated fixtures. DDA non-compliance.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing toilets. Construct new Type A - Local Toilets with beach shower, located near existing and that faces the public footpath and picnic area.
							



**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB08	BL0325PT	Tunkuwallin Park Toilet	Gwandalan	GPT - District, skatepark, Dog OLA (proposed new)	38	Facility locked. High social vandalism. Poor and outdated fixtures.	IW: Close and demolish existing local facility. MW: Construct new Type B - District Toilets located near street parking to improve public surveillance. Upgrade the separate sport facility for event use.
							
EB09	BL0270	Garema Boatramp Public Toilet	Gwandalan	GPT - Boat Ramp	50	Damaged and outdated fixtures and exterior. High social vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets after end of life. Construct new Type A - Local Toilets with beach shower. Keep clear from existing trees. (Unpatrolled bathing area). Civil upgrade work to Council Scope (Parking/Services).
							
EB10	BL0175	Gwandalan Lioness Park Public Toilet	Gwandalan	GPT - Local, Boat Ramp, Tidal Bath	13	Damaged and outdated fixtures. Graffiti and social vandalism.	IW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Continue ongoing maintenance. Refresh line markings for DDA parking and boat trailer parking. MW: Renovate the building's exterior and internal fixtures to meet current standards.
							
EB11	BL0350	Gwandalan Lions Park Public Toilet	Gwandalan	GPT - Local, Boat Ramp	50	Broken and outdated fixtures. Significant graffiti vandalism.	IW: Improve external lighting and implement MLAK access. Ongoing maintenance till end of life. MW: Demolish existing. Relocate new Type B - District Toilets with beach shower closer to playground and street for improved visitation. (Unpatrolled bathing area)
							
EB12	BL0151	Charmhaven Tennis Public Toilet	Charmhaven	GPT - Local, Tennis Court	48	Poor and outdated fixtures. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets after end of life. Redundant toilets, Tennis Club facility on site is available for public use.
							
EB13	BL0192	San Remo Hot Water Outlet Public Toilet	San Remo	GPT - Local, Boat Ramp	45	Poor siting. Poor and outdated fixtures and exterior. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type A - Local Toilets closer to picnic area for improved visitation. Explore the need for beach shower. (Unpatrolled bathing area) (Alternative location: NB02 John Peter Howard Playground)
							
EB14	BL0165	Edgewater Park Public Toilet	Buff Point	GPT - District, Boat Ramp	27	Good siting and visitation. Non-compliance and outdated fixtures. High graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with new orientation.
							

**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)









No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB15	BL0209	Scout Hall/Buf Point Community Hall Public Toilet	Buf Point	GPT - Local	50	High social and graffiti vandalism. Poor hygienic condition to the interior and exterior.	IW: Demolish existing. MW: Low demand factor - redundant toilet provision at Edgewater Park (EB14).
							
EB16	BL0144	Budgewoi Sailing Club Public Toilet	Budgewoi	GPT - Boat ramp, Nature (Beach)	50	High graffiti vandalism. Poor and outdated fixtures. Road requiring resurfacing.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Low demand factor as the club is closed - redundant toilet.
							
EB17	BL0225	Mackenzie Reserve Public Toilet	Budgewoi	GPT - District	50	Good visitation. Updated fixtures in good condition and well maintained.	IW: Ongoing maintenance. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EB18	BL0254	Slade Park Public Toilet	Budgewoi	GPT - Local, boat Ramp, by pass	50	Poor internal and external lighting. Graffiti vandalism. Broken and outdated fixtures.	IW: Return for use and management by Football Club. MW: Relocate new Type A - Local Toilets closer to main road on high ground away from flood zone.
							
EB19	BL0804	Lakes Beach Public Toilet	Budgewoi	GPT - Nature (Beach)	40	Social vandalism on site. Illegal car camping on site. Poor and outdated fixtures. Significant salt attack to building exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type C - Regional Toilets with adult change facility, beach showers and accessible access to beach. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EB20	BL0236	Osborne Park Public Toilet	Toukley	GPT - Local, boat Ramp	50	No sensor lights, no manual switch. Graffiti vandalism. Poor surveillance to male toilet. No wayfinding signage. Poor and outdated fixtures	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A- Local Toilets on higher ground away from flood zone with access from share path. Ensure clear sightline to playground.
							
EB21	BL0292	Toukley Gardens Public Toilet	Toukley	GPT - Local, by pass	40	Heavy vandalism. Broken and outdated fixtures. Poor interior lighting.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets orientated towards the main street with accessible parking and pathway. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							

**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB22	BL0327	Wallarah Point Peace Park Public Toilet	Gorokan	GPT - District, by pass, boat Ramp	40	Poor and outdated fixtures. Poor interior lightings. Passive surveillance.	IW Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with accessible pathway, closer to the park entrance and playground/BBQ area. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b> 					
EB23	BL0294	Toukley Hall and Library Public Toilet	Toukley	GPT - Library, by passer	50	Damaged and outdated fixtures. High social vandalism. Poor visitation for all entrances.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b> 					
EB24	BL0244	Toukley Tennis Public Toilet	Toukley	GPT - Local, Tennis Courts	60	Poor accessibility to DDA parking and street level. Graffiti vandalism. Poor and outdated fixtures. Damp building envelope.	IW: Ongoing maintenance. MW: Demolish existing. Relocate new Type B - District Toilets with DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b> 					
EB25	BL0187	Harry Moore Oval Public Toilet	Toukley	GPT - Local	50	No DDA parking. Inaccessible path connection to street parking. Poor interior lighting. Poor and outdated fixtures.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets near playground, ensure accessibility from DDA parking. Location subject to Toukley Library and Child Care Masterplan. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>RELOCATE NEW</b> 					
EB26	BL0147	Canton Beach 1 Public Toilet - Beach Pde	Canton Beach	GPT - Local, Beach	60	Poor and outdated fixtures and interior. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type A - Local Toilets near playground, close to current location and accessible street parking. Explore the need for beach shower. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>REBUILD</b> 					
EB27	BL0212	Canton Beach 2 Public Toilet - Belbowrie Street	Canton Beach	GPT - Regional, Nature (Beach), Boat Ramp	60	Poor and outdated fixtures and interior. Graffiti vandalism. Low visitation due to overgrown landscape.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type C - Regional Toilets with adult change facility near playground and accessible street parking to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 <b>REBUILD</b> 					



**BUDGEWOI AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EB28	BL0194	Jenny Dixon Reserve Public Toilet	Norah Head	GPT - Local, Beach, by pass	50	Poor and outdated fixtures and interior. Low visitation due to overgrown landscape.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type B - District Toilets with beach showers near picnic area and accessible street parking to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RELOCATE NEW					
EB29	BL0229	Norah Head Rock Pool Public Toilet	Norah Head	GPT - Nature (Beach), boat ramp	50	Poor and outdated fixtures and interior. Low visitation due to overgrown landscape. Wall cracks are noticed in female toilet.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with beach showers near accessible car parking, subject to site topography. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RELOCATE NEW					
EB30	BL0146	Bush Street Reserve Public Toilet	Norah Head	GPT - Local, by pass	50	Poor surveillance and lighting to interior. Roof shaded under trees requiring maintenance. Poor visitation. Poor and outdated fixtures and interior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets. Toilets available at the cafe toilets and the Mazlin Reserve toilets.
		 DEMOLISH					
EB31	BL0263	Soldiers Beach Headland Public Toilet	Norah Head	GPT - Nature (Beach)	55	Away from car parking, no passive surveillance. Good and clean condition. Compliant fixtures.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) with beach showers near accessible car parking, facing cafe. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RELOCATE NEW					

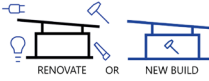



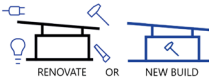



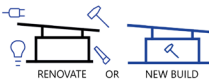


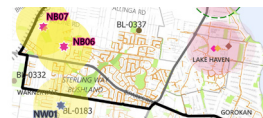

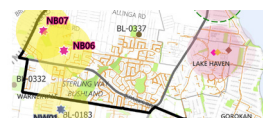
# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

**Notes:**



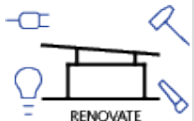

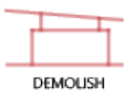



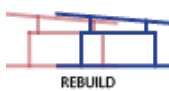





- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## BUDGEWOI AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NB01	Buff Point Oval	Buff Point	GPT - Playground (Local), sportsground (Category 3), new Dog OLA	IW: Council to convert part of the existing sport facility (BL0145) for public access and use. MW: New Type A - Local Toilets, or combine public toilet with a new sports amenity.
				
NB02	John Peter Howard Reserve Playground	San Remo	GPT - Playground (District)	MW: Demolish EB13 San Remo amenity. Provide new Type B - District Toilets. Civil upgrade work to Council Scope (Parking/Services).
				
NB03	San Remo Extreme Sports Park	San Remo	GPT - Skatepark (District) - BMX Track	IW: Council to convert part of the existing public toilet facility (BL0232) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
				
NB04	Mulloway Road Foreshore	Chain Valley Bay	GPT - Playground (Local), Boat Ramp	MW: New Type A - Local Toilets. Civil upgrade work to Council Scope (Parking/Services).
				
NB05	Blue Haven Oval	Blue Haven	GPT - Sportsground, Skatepark (Local), Community Centre	IW: Council to convert part of the existing sport facility (BL0204) for public access and use. MW: New Type A - Local Toilets
				
NB06	Ridgetop Park	Woongarra	GPT - Playground (TBC)	MW: New Type A - Local Toilets (Subject to project budget)
				
NB07	Hilltop Park - Hakone Road	Woongarra	GPT - Playground (TBC), potential pump track (District)	MW: New Type A - Local Toilets (Subject to project budget)
				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

# THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

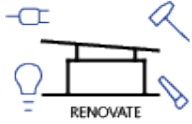

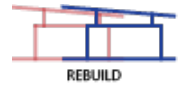





No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE01	BL0354	Tuggerah Dog Park Public Toilet	Tuggerah	GPT - District, dog off leash park	48	Poor surveillance and anti-social behaviour. Poor and outdated fixtures, interiors and exteriors. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets with accessible parking facing parking. Civil upgrade work to Council Scope (Parking/ Services). (Review risk and safety of the site before any new toilet implementation)
							
EE02	BL0937	Chittaway Point Hall Public Toilet	Chittaway Point	GPT - Local, Boat Ramp	48	Aged and outdated fixtures and interior.	IW: Renovate internal fixtures to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EE03	BL0138	Bluebell Park Public Toilet	Berkeley Vale	GPT - Local	33	Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with accessible street parking at Jimmy Jurds Pirate Park 1000m away. (NE02)
							
EE04	BL0208	Kurraba Oval Public Toilet	Berkeley Vale	GPT - District	48	Poor hygienic condition. Aged and outdated interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with sport facility facing the field and adjacent to the playground and community hall.
							
EE05	BL0273	Lucinda Avenue Public Toilet	Killarney Vale	GPT - Local	40	Damaged and outdated fixtures and interior. Good siting and visitation. Social and graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide and position new Type B - District Toilets with accessible street parking on higher ground away from flood zone to ensure passive surveillance. Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EE06	BL0218	Long Jetty Lions Park Public Toilet	Long Jetty	GPT - Local	48	Good passive surveillance. Water damp to building external envelope. Significant graffiti vandalism. Old and outdated fixtures and interiors.	IW: Ongoing maintenance till the end of life. MW: Demolish existing after end of life - redundant toilet provision. Public toilets available at Saltwater Creek Park, ~250m away. (BL0295)
							
EE07	BL0197	Jubilee Park Public Toilet	Long Jetty	GPT - Local, tennis courts	48	Surrounded by overgrown trees causes water dampness to the building external envelope. Significant graffiti vandalism. Poor lights to interior. Broken and outdated fixtures and interior.	IW: Ongoing maintenance till the end of life. MW: Demolish existing after end of life. Provide and position new Type A - Local Toilets close to accessible parking with clear sightlines from the playground.
							



# THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE08	BL0201	Karagi Park Public Toilet	The Entrance North	GPT - Nature (Beach)	38	No DDA parking and not accessible. Poor interior lighting. Broken and outdated fixtures and interior. Salt attack to external brick walls.	IW: Ongoing maintenance. MW: Demolish building and position new Type B - District Toilets close to the beach walking path, accessible parking and with clear sightlines from playground.
							
EE09	BL0329	Walter and Edith Denniss Park Public Toilet	The Entrance North	GPT - Local	48	Graffiti vandalism. Poor hygienic condition. Age and outdated fixtures and interior finishes.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets provision. Public toilets available at the North Entrance SLSC and the future regional toilets at The Entrance North playground (See NE03 Terilbah Reserve).
							
EE10	BL0239	Pelicans Wharf (Sensory Gardens) Public Toilet	The Entrance North	GPT - Regional, boat ramp	43	Aged and outdated fixtures and interior finishes. Significant graffiti vandalism. Illegal caravan camping on site.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets with beach shower, to face DDA parking at Sensory Garden. See NE03 for new toilets near Terilbah Reserve playground area.
							
EE11	BL0317	Swadling Reserve Public Toilet	Toowoomb Bay	GPT - District, Beach	24	Old and outdated fixtures. High graffiti vandalism. Poor hygienic condition to Male toilet.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Construct new Type B - District Toilets with beach shower closer to car park with clear sightlines towards playground.
							
EE12	BL0279	North Shelly Beach Public Toilet	Toowoomb Bay	GPT - Nature (Beach)	48	Poor and outdated fixtures and exterior. Graffiti vandalism. Low passive surveillance to the shower area from car park.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type B - District Toilets with custom storage area and beach shower closer to car park with clear sightlines from picnic area. Civil upgrade work to Council Scope (Parking/Services).
							
EE13	BL0300	Shelly Beach Public Toilet	Shelly Beach	GPT - Nature (Beach)	40	Broken fixtures and aged flooring interior. Poor internal lighting. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with beach shower at current location ensuring passive surveillance from car park and cafe.
							
EE14	BL0141	Blue Lagoon Public Toilet (NOT COUNCIL'S ASSET)	Bateau Bay	GPT - Nature (Beach)	48	Run down and located at isolated site. The toilets are abandon with hazardous material and in poor condition. No service car access is available.	IW: Temporary closure. MW: Demolish existing - redundant toilets. Public toilets available at the Shelly Beach Surf Club (BL0249PT) 500m away and the North Shelly Beach amenities (EE12). Residents from the Blue Lagoon Beach Resort would be the dominant users.
							

# THE ENTRANCE AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)#
EE15	BL0489	EDSACC - Bato Skatepark Public Toilet	Bateau Bay	GPT - Skatepark	7	Significant graffiti and social vandalism.	IW: Renovate internal fixtures to meet current standards. Improve CCTV surveillance. MW: After the end of life, renovate the external building envelope and internal fixtures to meet current DDA standards.
							
EE16	BL0539	Wamberal Cemetery Public Toilet	Wamberal	GPT - Cemetery	42	Average condition. Outdated building design envelope. No DDA access.	IW: Facility only opened for ceremonies on site. Low demand. Managed by Personal Services Australia. MW: Demolish existing after end of life. Provide new Type A/Type D (unsewered site)- Local Toilets with DDA parking.
							
EE17	BL0749	Wairakei Road Park Public Toilet	Wamberal	GPT - District	39	No DDA parking. Poor park lighting. Poor and outdated building design envelope.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets along share path with clear sightlines from playground and neighbourhood. Potential to upscale to Type B - District Toilets subject to playspace redevelopment.
							
EE18	BL0655	Wamberal Memorial Hall Public Toilet	Wamberal	GPT - Local, Nature	52	Toilet closed. Parking area requires resurfacing. Poor uneven footpath surface for DDA access. Old and run down building envelope.	IW: The toilets are closed. Demolish existing. Low demand factor - redundant toilets provision. Public toilets available within the Community Hall. Upgrade Community Hall facility to DDA accessible.
							

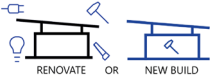







# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

## Notes:

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

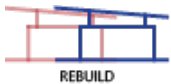

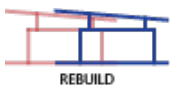

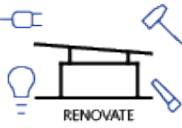

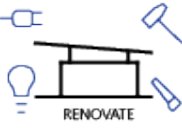


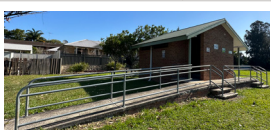




## THE ENTRANCE AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NE01	Pat Morley Oval Junior Fields + Bateau Bay Softball/AFL Oval	Bateau Bay	GPT - Playground (Local), Sportsground (Category 1)	<p>IW: Council to convert part of the existing sport facilities (BL0290 + BL0131) for public access and use.</p> <p>This is the preferred option in MAIN WORK.</p> <p>Further site inspection required to existing facility to determine the scope of work.</p>
 RENOVATE OR NEW BUILD				
NE02	Lions Park Chittaway Bay Playground	Chittaway Bay	GPT - Playground (Local)	<p>MW: Demolish EE03 Bluebell Park amenity, 1km south. Provide new Type B - District Toilets. Civil upgrade work to Council Scope (Parking/Services).</p>
 NEW BUILD				
NE03	Terilbah Reserve	The Entrance	GPT - Playground (Regional)	<p>MW: Provide EE10 Pelicans Wharf (Sensory Garden) 1km North with Type A - Local Toilets. Provide new Type C - Regional Toilets near the playground and car park. Investigate upgrade to Robert Street with traffic light, crossing to The Entrance playground and future amenity. Civil upgrade work to Council Scope (Parking/Services).</p>
 NEW BUILD				
NE04a + NE04b	Magenta Shared Pathway	Magenta	GPT - National Park	<p>MW: Two new Type A - Local Toilets for remote and unsewered sites. Civil upgrade work to Council Scope (Parking/Services).</p>
 NEW BUILD				

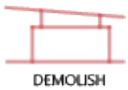



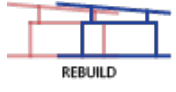

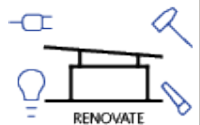

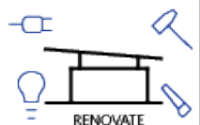

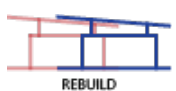

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.



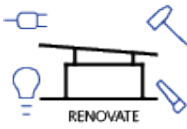


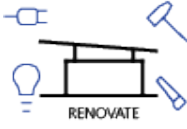
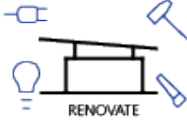



**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE01	BL0659	Mount Elliot Public Toilet	Holgate	GPT - Reserve	32	Poor surveillance. Average condition. Aged fixtures, interior and exterior. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A or Type D (unsewered site) - Local Toilets orientated towards DDA parking and picnic area in compliance with the required BAL (Bushfire Attack Level) construction.
		 REBUILD					
EGE02	BL0888	Katandra Reserve Public Toilet	Holgate	GPT - Reserve	32	Poor surveillance. Average condition. Aged fixture, interior and exterior. Resurfacing of road required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A or Type D (unsewered site) - Local Toilets facing the parking in compliance with the required BAL construction.
		 REBUILD					
EGE03	BL0528	Jirramba Park Public Toilet	Saratoga	GPT - Local	32	No DDA toilet or parking. Parking area requires resurfacing. Poor internal lighting. Aged and outdated fixture. Social vandalism.	IW: Ongoing maintenance till end of life. MW: Convert interior to two DDA unisex toilet compartments. Renovate internal fixtures to meet DDA standards. Upgrade and repaint building exterior. Upgrade with smart features and assess benefit of CCTV or potential for CCTV. Provide accessible parking and access.
		 RENOVATE					
EGE04	BL0706	Saratoga Oval Public Toilet	Saratoga	GPT - Local, Tennis Court, Cricket Oval	43	Graffiti vandalism. Average hygienic condition. Aged fixtures and outdated interior and exterior.	IW: Ongoing maintenance till end of life. MW: Renovate internal fixtures to meet current standards after end of life.
		 RENOVATE					
EGE05	BL0601	Davistown Memorial Oval Public Toilet	Davistown	GPT - Nature, Dog OLA (Proposed)	32	Graffiti vandalism. Average hygienic condition. Aged fixtures and outdated interior and exterior. DDA non-compliance.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Relocate new Type A - Local Toilets facing street enabling passive surveillance from neighbours.
		 RELOCATE NEW					
EGE06	BL0656PT	Empire Bay Tennis Clubhouse Public Toilet	Empire Bay	GPT - District, Tennis Courts	42	Aged fixtures and outdated interior and exterior. Poor interior lighting.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing car park with clear sightline from picnic area.
		 REBUILD					
EGE07	BL0520	Killcare Wharf Public Toilet	Killcare	GPT - Wharf, Nature	37	Overgrown landscape. Poor surveillance. Aged fixtures and outdated interior and exterior. No DDA toilets.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local or Type B - District Toilets facing street enabling passive surveillance from neighbours, (Subject to the site's spatial constraints)
		 REBUILD					

**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE08	BL0541	Hardys Bay Public Toilet	Killcare	GPT - Jetty, Nature	73	High flooding zone. No internal lights. Due to site topography, non accessible toilet. Aged fixtures and run down interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life - redundant toilets. Public toilets available at Killcare Wharf (EGE07) 850m away and Pretty Beach Public Toilet (EGE09) 850m away.
		 DEMOLISH					
EGE09	BL0536	Pretty Beach Public Toilet	Pretty Beach	GPT - Tidal bath, boat ramp	52	Toilets and bath house are run down and in poor hygienic condition. Aged fixtures. Poor surveillance.	IW: Ongoing maintenance till end of life. MW: Demolish existing toilets and the bath house 50m away after end of life. Relocate new Type A - Local Toilets facing the tidal bath and street front ensuring passive surveillance from school and neighbours. Integrate the bus stop to the toilets design.
		 RELOCATE ↑ NEW					
EGE10	BL0594PT	Pretty Beach Tennis Public Toilet	Pretty Beach	GPT - Local, tennis court	43	Significant salt attack to existing brickwork. Significant graffiti vandalism. Inaccessible DDA toilet and connection. Poor hygienic condition. Aged and outdated fixtures. Resurfacing road work required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing street with DDA street parking ensuring passive surveillance from neighbours.
		 REBUILD					
EGE11	BL0533	Wagstaffe Hall Public Toilet	Wagstaffe	GPT - Wharf	32	Clean and well maintained. Outdated and non-compliant DDA fixtures	IW: Renovate internal fixtures to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
		 RENOVATE					
EGE12	BL0705PT	Killcare SLSC Public Toilet	Killcare	GPT - Beach	17	Clean and well maintained. Non-compliant DDA fixtures.	IW: Upgrade non-compliant DDA fixtures to meet current standards. MW: After end of life renovate interior fixtures to meet current standards. Improve CCTV surveillance.
		 RENOVATE					
EGE13	BL0560PT	Copacabana Tennis Clubhouse Public Toilet	Copacabana	GPT - District tennis courts	35	No DDA toilets and parking. In distance from parking. Aged fixture.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing playground and tennis courts with pathway access to DDA street parking.
		 REBUILD					

**GOSFORD EAST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EGE14	BL0780	The Point Public Toilet	Avoca Beach	GPT: District, beach	8	Accessible toilets comply with current standard. Facade screen is semi permeable. Requires more external and park lights at night.	IW: Ongoing maintenance till end of life. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE15	BL0545	Ficus Avenue Public Toilet	Avoca Beach	GPT: District, Beach	63	No DDA toilet or accessible parking. Social and graffiti vandalism. Poor hygienic and outdated fixtures, interior and exterior conditions.	MW: Demolish existing. Provide new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) with two storage areas facing the car park and Ficus Avenue crossing. Good passive surveillance from neighbours and cafés.
							
EGE16	BL0603PT	North Avoca SLSC	North Avoca	GPT: Beach	54	No accessible parking. Parking resurfacing required. The building ramp height clearance is non-compliant. Average condition. Aged and outdated fixtures and interior.	IW: Renovate internal fixtures and interior to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE17	BL1056	Terrigal SLSC Public Toilet	Terrigal	GPT: Beach	15	Good surveillance. Wear and tear to existing fixtures and interior.	IW: Renovate internal fixtures and interior to meet current standards. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGE18	BL0993	Terrigal Pump Station Public Toilet	Terrigal	GPT - District, skatepark	42	Poor surveillance. Extreme poor interior lighting. No DDA toilets and parking. Graffiti vandalism. Aged and outdated fixtures and interior.	MW: Closure of existing. Provide new Type B - District Toilets and locate adjacent Terrigal Rotary Park, facing street angle parking and Terrigal Drive with clear sightlines to playground. Good passive surveillance from neighbours.
							

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.



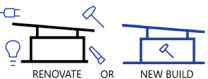

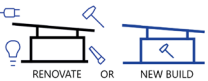

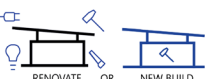

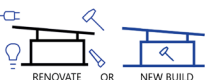

IW - Immediate Work, MW - Main Work

**Notes:**

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans. The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

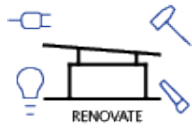













## GOSFORD EAST AREA NEW PUBLIC TOILETS OPPORTUNITIES









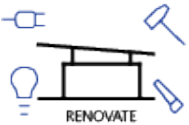





No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NGE01	Bushlands Reserve	Springfield	GPT - Playground (District)	MW: New Type A - Local Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
				
NGE02	Duffys Road Soccer Oval/Terrigal Rugby League	Terrigal	GPT - Sportsground (Category 1), Tennis Club, BMX Club, Indoor Sports Stadium	IW: Council to convert part of the existing sport facilities (BL0578 and BL0606) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE03	Patrick Croke Oval	Kincumber	GPT - Sportsground (Category 2), Dog OLA (local)	IW: Council to convert part of the existing sport facility (BL0663) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE04	Frost Reserve	Kincumber	GPT - Sportsground (Category 2), Dog OLA (local)	IW: Council to convert part of the existing sport facility (BL0526) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				
NGE05	Mackillop Oval	Kincumber South	GPT - Sportsground (Category 1), Skatepark (local), Tennis Club	IW: Council to convert part of the existing sport facility (BL0689) for public access and use. This is the preferred option in MAIN WORK.  MW: New Type A - Local Toilets (Low demand factor)
				

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

**GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)





No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW01	BL0724	Somersby Public Toilet	Somersby	GPT - Reserve, bypass	17	DDA non-compliant basin. No internal and external lighting. Landscape overgrown around toilets.	IW: Provide internal and external lighting to improve surveillance. Improve DDA parking and basin access. MW: Upgrade with smart features and assess benefit of CCTV or potential for CCTV.
							
EGW02	BL0574	Rumbalara Public Toilet	Springfield	GPT - Reserve	32	Facility well maintained. Good surveillance facing road. Aged fixtures, interiors and exteriors. Regular roof cleaning required.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type D - Off-site Toilets (Unsewered site) facing the roundabout and in compliance with the required BAL construction.
							
EGW03	BL0908	Kibble Park Public Toilet	Gosford	GPT - Urban local, library	52	No DDA toilet and compliant DDA parking. Poor surveillance and wayfinding signage. Graffiti vandalism. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces.	IW: Ongoing maintenance and operation until the new Regional Library operational. MW: Current library building will be demolished. Relocate new Type A - Local Toilets, subject to Kibble Park Place Masterplan.
							
EGW04	BL0675	Althope Street Car Park Public Toilet	East Gosford	GPT - Urban, car park	42	Poor car park line marking, design and access. DDA inaccessible toilets. No provision of DDA parking or toilets. Old and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets facing the street crossing and cafe ensuring passive surveillance. Relocation subject to site topography, to allow street access and DDA parking.
							
EGW05	BL0548	Fagans Park Point Clare Public Toilet	Point Clare	GPT - Local	31	Poor building condition. No wayfinding. No DDA connection or toilets. Graffiti vandalism. Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B - District Toilets with sports facility facing the car park and share path with clear sightlines towards playground area.
							
EGW06	BL0719	Goodwayang Reserve Public Toilet Point Clare	Point Clare	GPT - Reserve, wharf, proposed new dog off leash area	24	Poor wayfinding. Graffiti vandalism. Aged and poor building interior and exterior.	IW: Ongoing maintenance till end of life. Upgrade basin tapware to current DDA standard. MW: Demolish existing after end of life. Provide new Type A - Local Toilets closer to Kurrawa Avenue and share path facing the Marine Rescue Centre to enable passive surveillance. Civil upgrade work to Council Scope (Parking/Services).
							

**GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW07	BL0940	Kariong Community Hall Public Toilet	Kariong	GPT - District, tennis courts, community garden	13	Poor wayfinding. No male toilet. Inaccessible fenced gate and non-compliant parking. Poor interior light and confined interior.	IW: Ongoing maintenance till end of life. Upgrade interior lighting. Upgrade fence gate to be DDA compliant.  MW: Demolish existing after end of life. Provide new Type B - District Toilets facing the car park with clear sightlines towards the playground area.
							
EGW08	BL0523	Couche Park Public Toilet	Koolewong	GPT - Local, jetty	52	Low surveillance. No DDA access due to site topography. Poor and outdated fixtures, change room interior and exterior.	IW: Ongoing maintenance till end of life. Upgrade interior lighting.  MW: Demolish existing after end of life. Provide new Type A- Local Toilets facing the water with clear sightlines towards the playground area and neighbours.
							
EGW09	BL0572	Woy Woy Tidal Baths Public Toilet	Woy Woy	GPT - Local, urban, ferry wharf, tidal bath	52	Non-compliant DDA toilet. Graffiti vandalism. Aged and outdated fixtures, interior and exteriors.	IW: Ongoing maintenance till end of life.  MW: Demolish existing after end of life. Provide new Type B- District Toilets with beach showers. Relocation and type of toilets (Type B or C) subject to the Woy Woy Park and Waterfront Masterplan.
							
EGW10	BL0600	Stoney Park Public Toilet	Woy Woy	GPT - Local	40	No DDA toilet or accessible access. Aged and outdated fixtures, interior and exterior. Significant graffiti vandalism to the underpass tunnel.	IW: Ongoing maintenance till end of life.  MW: Demolish existing after end of life. Provide new Type A- Local Toilets facing street with clear sightlines towards the playground area.
							
EGW11	BL0755	Ferry Road Public Toilet	Ettalong Beach	GPT - Beach, ferry wharf	12	Marks to existing SS toilet fixtures. Rust damage to SS internal fixtures and high impact damage to corrugated wall claddings.	IW: Ongoing maintenance. Upgrade non-compliant DDA fixtures to meet current standards.  MW: Renovate interior fixtures and external cladding after end of life to meet current standards. Improve CCTV surveillance and smart features.
							
EGW12	BL0845	Bullion Street Public Toilet	Umina Beach	GPT - Urban, library	52	Poor hygiene and under maintenance. No DDA toilet or access. Poor and outdated fixtures, interior and building exterior.	IW: Ongoing maintenance till end of life.  MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street front and shops to enable passive surveillance. New building design to be aligned with the Library.
							
EGW13	BL0605	Umina Beach Public Toilet	Umina Beach	GPT - Regional, Beach	52	Good surveillance. Severe bird nesting hazard. Poor and outdated fixtures, interior and exterior.	MW: Demolish existing after end of life. Provide new Type C- Regional Toilets with beach showers and adult change facility, facing the car park and Umina SLSC for passive surveillance.
							



**GOSFORD WEST AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type)
EGW14	BL0555	Mount Ettalong Public Toilet	Umina Beach	GPT - Beach, dog off leash area	54	No DDA toilet or parking. Social vandalism.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street and car park, integrate bus stop into the building design.
							
EGW15	BL0557	Pearl Parade Public Toilet	Pearl Beach	GPT - Local, Beach	42	DDA access, non-compliant DDA fixtures. Social vandalism. Aged and outdated fixtures, interior and exteriors.	IW: Ongoing maintenance till end of life. MW: Demolish existing after end of life. Provide new Type B- District Toilets facing the street with clear sightlines to playground and street parking.
							



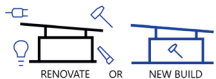



# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

**Notes:**





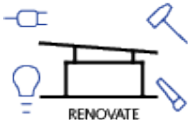

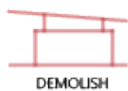



- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans.  
The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## GOSFORD WEST AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NGW01	Elizabeth Ross Park	East Gosford	GPT - Playground (District)	MW: New Type A - Local Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
 NEW BUILD				
NGW02	Rogers Park	Woy Woy	GPT - Sportsground (Category 1)	IW: Council to convert part of the existing sport facilities (BL1031 + BL0604) for public access and use. This is the preferred option in MAIN WORK. MW: New Type A - Local Toilets (Low demand factor). Civil upgrade work to Council Scope (Parking/Services).
 RENOVATE OR NEW BUILD				
NGW03	Fred Pinkstone Oval	Peats Ridge	GPT - Sportsground (Category 3) closed	MW: New Type A - Local Toilets - remote and unsewered site (Low demand factor). Civil upgrade work to Council Scope (Parking/Services).
 NEW BUILD				







# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

**WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EW01	BL0158	Craigie Reserve Public Toilet	Kanwal	GPT: Local, dog off leash area	40	Poor siting and surveillance. Poor signage and wayfinding. No DDA parking. Poor and outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life.  MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing Tuggerawong Road with clear sightlines to playground to ensure neighbourhood surveillance.
		 RELOCATE ↑ NEW					
EW02	BL0186	Apex Park Public Toilet	Wyong	GPT: Nature, bypass	53	Graffiti vandalism. Passive surveillance facing road. Uneven road surface. Old and outdated fixtures, interiors and exteriors.	IW: Ongoing maintenance till end of life.  MW: Demolish existing after end of life. Provide new Type A - Local Toilets facing the corner of North Road and Pacific Highway on higher ground above flooding level. Integrate bus stop into the building design.
		 RELOCATE ↑ NEW					
EW03	BL0393	Wyong Old School Public Toilet	Wyong	GPT: Local, service support	56	Poor surveillance and wayfinding signage. Severe anti social behaviour. Graffiti vandalism. Broken and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. Water dampness around building envelope.	IW: Ongoing maintenance till end of life.  MW: Renovate the external building envelope and internal fixtures to meet current standards Match colour to the precinct heritage colour scheme. Potential to provide 24 hours shower facility.
		 RENOVATE					
EW04	BL0342	Lions Park Public Toilet	Wyong	GPT: Local, bus and truck parking area	60	Poor siting and surveillance. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. No DDA parking or access.	IW: Ongoing maintenance till end of life.  MW: Low demand factors on site. Demolish existing after end of life.
		 DEMOLISH					
EW05	BL0335	Woodburys Inn Reserve Public Toilet	Mardi	GPT: Local, reserve	35	Poor siting. No DDA access connection. Old and outdated fixtures, interiors and exteriors. Uneven pathway surfaces. No DDA parking or connection access.	IW: Ongoing maintenance till end of life.  MW: Low demand factors on site. Demolish existing after end of life. Provide a new Type A - Local Toilets at the fork of Yarramalong Road and Old Maitland Road, west corner junction of Woodbury Inn Park 50m away. Orientate the building facing Yarramalong Road on higher ground away from creek, to facilitate the BBQ area. Civil upgrade work to Council Scope (Parking/Services).
		 RELOCATE ↑ NEW					



**WYONG AREA EXISTING PUBLIC TOILETS (COUNCIL-OWNED) INSPECTED** (OCT 2023, NON PEAK BEACH SEASON)

No.	Building ID	Name	Suburb	Typology	Age	Condition + Facilities Level	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
EW06	BL0256	Bill Sohler Park Public Toilet	Ourimbah	GPT: Regional, Tennis Courts, Skatepark	43	Poor siting and surveillance. Uneven pathway surfaces. No DDA parking or entry. Aged and outdated fixtures, interiors and exteriors. Graffiti vandalism.	IW: Ongoing maintenance till end of life. MW: Renovate the toilets for use by the Community Hall or other purpose after end of life. Provide new Type C - Regional Toilets (DDA sanitary in lieu of adult change facility) closer to Ken Cook Way facing the Bills Park playground, the oval field and car park for passive surveillance. Provide clear sightlines and direct crossing access from playground area.
							
EW07	BL0246	Glenn Road Public Toilet	Ourimbah	GPT - Nature, bypass	44	Good passive surveillance from shops and road. No DDA toilet or parking. Informal street parking rolled kerb. Old and outdated fixtures, interior and exterior.	IW: Ongoing maintenance and operation until the new Masterplan of site is defined and approved. MW: Provide improved on street DDA parking. Provide and orientate the new Type B - District Toilets to create an inviting connection with shops and communal area. (Allow for future expansion or additional recreational and community functions)
							
EW08	BL0203	Kulnura Memorial Hall Public Toilet	Kulnura	GPT: Local, tennis courts	55	Poor siting and surveillance. No DDA toilet or parking connection. Roof maintenance required. Toilets are clean and well maintained. Outdated fixtures, interior and exterior.	IW: Ongoing maintenance till end of life. MW: Renovate the toilets for use by the Community Hall or other purpose after end of life. Provide new Type A - Local Toilets closer to Greta Road facing the shop and petrol station and roads for greater passive surveillance. Provide clear sightlines from tennis courts and playground area.
							

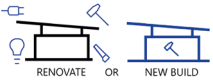

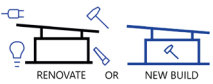

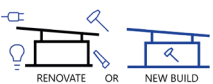

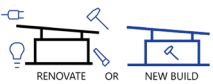



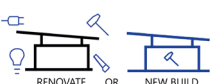

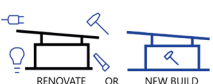

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

IW - Immediate Work, MW - Main Work

**Notes:**

- "End of life" in the Implementation Recommendation is defined by various measures that are to be determined by the Implementation Manager. The measures assessed are the age of the building in relation to the design life, fit for current or future purpose, overall and elemental condition and level of dilapidation, cost of renewal vs renovation and the asset renewal date in accordance with Council's adopted asset renewal programs and management plans.  
The Design Life of Buildings noted in the NCC guidelines is between 50 (Normal) and 100+ Years (Long) for the main elements of a building such as the building envelope, structural elements, and concealed services; whilst fixtures and fittings have a design life of 10- 15 years of use.

## WYONG AREA NEW PUBLIC TOILETS OPPORTUNITIES

No.	Name	Suburb	Typology	Implementation Recommendation (Refer to Section 4.2 - 4.7 for Public Toilet Type) #
NW01	Hamlyn Terrace Oval	Hamlyn Terrace	GPT - Playground (Local), Sportsground (Category 1), Community Centre	IW: Council to convert part of the existing sport facility (BL0183) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
	 			
NW02	Narara Skatepark + Sensory Park	Narara	GPT - Sportsground (Category 1), Skatepark (District), Dog FOLA (District)	IW: Council to convert part of the existing sport facility (BL0668) for public access and use. MW: New Type A - Local Toilets
	 			
NW03	Maiden's Brush Oval	Wyoming	GPT - Playground (Local), Sportsground (Category 1), Tennis Club (Small/Community)	IW: Council to convert part of the existing tennis courts facility (BL0511) for public access and use. MW: New Type A - Local Toilets close to DDA parking, sport club and skatepark.
	 			
NW04	Kanwal Oval + Playground	Wyong	 Sportsground (Category 1)	IW: Council to convert part of the existing sport facility (BL0562) for public access and use. This is the preferred option in MAIN WORK. Further site inspection required to existing facility to determine the scope of work.
	 			
NW05	Tuggerawong Road Reserve (Warner Ave)	Tuggerawong	GPT - Playground (District)	MW: New Type B - District Toilets pending on project budget. Civil upgrade work to Council Scope (Parking/Services).
	 			
NW06	Mascord Park	Wadalba	GPT - Playground (Local), Skatepark (District), Sportsground (Category 1)	IW: Council to convert part of the existing sport facility (BL0375) for public access and use. MW: New Type A - Local Toilets
	 			
NW07	Central Coast Regional Sporting and Recreational Complex	Tuggerah	GPT - Sportsground (Regional)	IW: Council to convert part of the existing sport facility (BL1046 and BL0934) for public access and use. MW: New Type B - District Toilets pending on the project budget and demand.
	 			

# Recommended Public Toilet Type can be levelled up or down to suit. Subject to Council's review and discretion.

## 5.2 Demand Factors Assessment

This table sets out the assessment and demand factor points value by category, which includes open space hierarchy, functions and facilities, levels of use, transit types or available paths and any speciality of the area and the physical condition of the inspected public toilets.

This set of criteria aim to quantitatively assess the demand factors identified for the relative public toilet site and its surrounding public amenities. This ultimately influences the recommended scope of works, priority and Implementation Plan program.

DEMAND FACTORS ASSESSMENT		
Number	Category	Assessment and Demand Factor Points Value
1	Open Space Hierarchy*	<p>Open Space Hierarchy is utilised in accordance with Council's Open Space categorisation list which is broken down into:</p> <ul style="list-style-type: none"> <li><b>A - Regional: (5 points)</b> Size consideration: Large parks</li> <li><b>B – District: (3 points)</b> Size consideration: Medium parks</li> <li><b>C - Local: (1 point)</b> Size consideration: Small parks</li> <li><b>D - Nature/Alternate (1 point)</b> Size consideration: Low maintenance, nature-based</li> </ul>
2	Functions and Facilities	<p>Public toilets have a higher demand factor based on the number of additional functions and facilities adjacent to the site, each function and facility act as an attractor, increasing the number of users. Open spaces can be popular destinations for sporting or recreational use, this can have significant demand spikes throughout a weekly timeframe. Facilities that may promote a longer user dwell time (30 – 60+ minutes) include BBQ/picnic facilities, basketball/game courts, playgrounds, outdoor gyms, community gardens, skateparks, car parks, etc.</p> <p><b>(1 Type of Function/Facility = 2 points)</b></p>
3	Levels of Use	<p>Number of users can be verified by occupancy survey to determine if a public space is used frequently or infrequently. In this Strategy, as there is no available survey, suggestion of levels are derived from Council's operational and cleaning roster which have been allocated in accordance to frequency of cleaning needs of the specific sites.</p> <p><b>High use/visitation (3 points)</b>  <b>Medium use/visitation (2 points)</b>  <b>Low use/visitation (1 point)</b></p>
4	Transit Path Type	<p>A provision to consider if a public toilet is within an existing or proposed active trail/circulation path. Generally advisable to locate toilets within proximity of circulation paths to maximise the catchment, in particular in reserve and foreshore areas. Type of transit path is also considered such as walking path, jogging, cycling, etc.</p> <p><b>(1 Transit Path type = 1 point)</b></p>
5	Area Specialty	<p>Site specific special factor such as:</p> <ul style="list-style-type: none"> <li>CBD area and catering for people in large groups</li> <li>Tourism area which may have large influx during weekend/holiday season</li> <li>Current or future high density development - urban densification</li> <li>Any other special drawcard to the site. eg. 24/7 Toilets for vulnerable groups.</li> <li>Council Priority Plan (+10 points for primary priority/+8 points for secondary priority)</li> </ul> <p><b>(1 Specialty type = 1 point)</b></p> <p><b>(Council's priority - Primary = 10 point)</b>  <b>(Council's priority - Secondary = 8 point)</b></p>
6	Condition (applicable only for existing toilet building condition)	<ul style="list-style-type: none"> <li><b>Good (1 point)</b> Minimal upgrades may be required</li> <li><b>Average (3 points)</b> Some upgrades may be required</li> <li><b>Poor (5 points)</b> Significant upgrades and/or urgency required. eg. Non-DDA accessible toilet.</li> </ul>

Note:

\*Parks Hierarchy includes playgrounds but excludes bushland areas and sportsgrounds



### 5.2.1 Demand Factors Assessment Priority

Where detail assessments are being undertaken for a new public toilet, demand factor points are summed to arrive at a total demand factor rating. The following values represent the threshold for prioritising investment in public toilets to be considered.

Demand Factors Priority	
Total Demand Factor Points	Demand Factor Rating
0 - 8	Low demand - Does not meet threshold requirement. To be reviewed periodically and by the discretion of the Implementation Manager
9 - 16	Medium demand factor - Identified need
17 and greater	High demand factor - Identified need

