



Let's talk Northern Lakes (including San Remo-Budgewoi and Toukley)

Lake Munmorah Structure Plan

CONSULTATION REPORT



January 2020

Executive Summary

Over a number of years Central Coast Council has been developing the Draft Greater Lake Munmorah Structure Plan. The plan sets a coherent framework for development, facilitating the future growth and prosperity of the area. The draft structure plan was placed on public exhibition from 28 March to 26 May 2019.

In addition to the exhibition of the Draft Structure Plan, Council sought community feedback on the Northern Lakes, San Remo-Budgewoi and Toukley planning area as part of a broader campaign *Let's Talk Northern Lakes*.

The *Let's Talk Northern Lakes* (including San Remo-Budgewoi and Toukley) campaign was designed to provide access for the community to discuss local matters with their local Council staff and for local Council staff to speak directly to the community they are serving.

125 stakeholders sent us **241** formal (written) submissions and comments throughout the campaign. From these, **92** related to the Draft Greater Lake Munmorah Structure Plan (GLMSP) and the other **149** related to feedback about the Northern Lakes, San Remo-Budgewoi and Toukley planning area.

Over 160 community members attended two drop-in information sessions.

The key themes raised in comments throughout consultation covered:

- The need to protect the natural and environmental assets in the area
- Requests for further pathways in the area
- Maintenance and protection for the lakes and waterways.

Many written submissions contained multiple issues or comments. We have grouped these comments into themes and provided responses to issues raised in this report.

Consultation outcomes

In response to feedback regarding the Draft Greater Lake Munmorah Structure Plan, we will review all feedback for consideration when developing the final Greater Lake Munmorah Structure Plan for adoption by Council. Feedback on other aspects of the planning area has been considered or actioned (where possible) by various departments across Council.

It's important to note that while we do our best to develop strategies and projects to meet the needs and requests of the community and stakeholders, technical constraints, costs, and the overarching project objectives must also be considered to deliver a project or strategy that is safe, functional and best balances the competing needs of all those affected.

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Introduction

Public exhibition: Draft Greater Lake Munmorah Structure Plan (GLMSP)

Over a number of years we have been developing the Draft Greater Lake Munmorah Structure Plan. The plan will set a coherent framework for development, facilitating the future growth and prosperity of the area and will identify:

- Appropriate development footprints for new residential and employment land, and any relevant staging requirements
- Appropriate transport, environmental and open space networks to cater for expected population growth.

The structure plan will be an important step in the implementation of the directions of the NSW Government's Central Coast Regional Plan 2036 (CCRP) and will set the direction for detailed planning instruments including Local Government Plans (LEPs) and Development Control Plans (DCPs), as well as higher level planning tools such as Masterplans and Public Domain Plans.

We recently sought community feedback on the draft structure plan and the outcomes of this consultation are the subject of this report.

Let's Talk Northern Lakes (including San Remo-Budgewoi and Toukley)

At the time of consultation for the Draft Greater Lake Munmorah Structure Plan, Council also provided the opportunity for the community to discuss other projects, issues, ideas and suggestions for projects planned or underway in Chain Valley Bay, Doyalson North, Frazer Park, Freemans, Gwandalan, Kingfisher Shores, Lake Munmorah, Mannering Park, Point Wolstoncroft, Summerland Point, Wybung, Blue Haven, Budgewoi, Budgewoi Peninsula, Buff Point, Colongra, Doyalson, Halekulani, San Remo, Canton Beach, Norah Head, Noraville and Toukley.

The *Let's Talk Northern Lakes* (including San Remo-Budgewoi and Toukley) campaign was designed to provide access for the community to discuss local matters with their local Council staff and for local Council staff to speak directly to the community they are serving.

Campaign Overview

The campaign was open to participants to contribute from 28 March to 26 May 2019.

The online component involved:

- An online submission form

- The delivery of an online interactive map (using Social Pinpoint) for participants to drop any of the following pins:
 - Comment
 - Idea or suggestion
 - Something I like
 - Something I don't like
- Providing summary pages within the interactive map for each of the precincts identified within the Draft Greater Lake Munmorah Structure Plan
- Answering frequently asked questions
- Providing demographic information about the Northern Lakes, San Remo-Budgewoi and Toukley area
- Providing an overview of what Council already knows about the planning area (what the community loves about the area, what could be improved and what they hope the region will look like in ten years).

The drop-in information session component of the campaign involved:

- Representatives from the following teams within Council being available to discuss matters concerning the local area:
 - Strategic planning
 - Roads, drainage and pathways
 - Open space and recreation
 - Water and sewer
 - Community development
 - Waterways and coastal protection
 - Natural and environmental assets
- iPad's displaying the online content and staff demonstrating how the interactive map works
- Seeking feedback and submissions for the Draft Greater Lake Munmorah Structure Plan)
- Displaying copies of the relevant plans and information about the Draft Greater Lake Munmorah Structure Plan
- Providing copies of frequently asked questions (also provided online).

Consultation Approach

Purpose of the Draft Greater Lake Munmorah Structure Plan public exhibition

The purpose of consultation for the Draft Greater Lake Munmorah Structure Plan was to:

- Encourage the community and stakeholders to have input into the Draft Greater Lake Munmorah Structure plan
- Communicate the benefits and features of the draft plan
- Provide the community and affected stakeholders an opportunity to speak directly with project staff
- Hear from stakeholders and the community to identify issues
- Report back to the community on the outcomes of community consultation and the next steps.

Purpose of the *Let's Talk Northern Lakes* (including San Remo-Budgewoi and Toukley) campaign

The purpose of the *Let's Talk Northern Lakes* campaign was to:

- Encourage the community and stakeholders to speak with Council staff about what's happening and what's planned for the area.

Give the community an opportunity to share ideas and provide feedback about the area directly to staff. Our engagement framework

Consultation has been designed in accordance with Central Coast Council's Engagement Framework. This framework is available to view at <https://www.yourvoiceourcoast.com/Central-Coast-Council-Engagement-Framework>.

How we consulted

We carried out extensive promotion of the consultation period to ensure the community and affected stakeholders were aware of the opportunity to get involved and given enough notice to provide feedback.

Media release	<ul style="list-style-type: none"> • Issued on 20 April 2019 <p>A copy of the media release can be found in Appendix A</p>
Print advertising	<ul style="list-style-type: none"> • Advertising featured in Coast Connect on 28 March and 18 April 2019 • Advertising featured in Wyong Regional Chronical on 3 April 2019 <p>Copies of print advertising can be found in Appendix B</p> <ul style="list-style-type: none"> • Story featured in Coast Connect weekly on 25 April 2019 • Media editorial features: Community newsletters (Pelican Itch and Top End) in the May issue • Story featured in Coast Connect e-News on 14 May 2019
Drop-in information sessions	<p>Two sessions ran on:</p> <ul style="list-style-type: none"> • Wednesday 3 April 2019 4pm to 7pm (Attended by 120 people) • Friday 5 April 2019 10am to 1pm (Attended by 48 people)
Your Voice – Our Coast website	<ul style="list-style-type: none"> • Project page launched on 28 March 2019 under <i>Let's talk Northern Lakes</i> • https://www.yourvoiceourcoast.com/my-place • 3,000 visits during consultation period
Social media	<ul style="list-style-type: none"> • Facebook post on 5 April and 20 April 2019 Total reach of 8,078 • Twitter tweets on 26, 28 February and 1 March <p>Copies of the posts can be found in Appendix C</p>
Project brochure – letterbox drop	<ul style="list-style-type: none"> • 4,800 brochures were distributed to Greater Lake Munmorah (including Gwandalan) residents and businesses • A copy of the brochure and distribution area can be found in Appendix D
Emails	<ul style="list-style-type: none"> • 4,618 emails sent to registered participants • 63 emails/phone calls sent/made to identified key stakeholders
Variable-message signs	<ul style="list-style-type: none"> • Six variable-message signs positioned at key locations: <ul style="list-style-type: none"> - Across from 186 Elizabeth Bay Drive, Lake Munmorah - Across from Golf Range Scenic Dr, San Remo - Across from Caltex Service Station Pacific Hwy, San Remo - Across from Budgewoi Soccer Club Scenic Drive, Budgewoi

Who we heard from

We sought community feedback on the Draft Greater Lake Munmorah Structure Plan as well as broader feedback on the Northern Lakes, San Remo-Budgewoi and Toukley planning area as part a broader campaign, *Let's talk Northern Lakes*.

Let's Talk Northern Lakes involved both online and face-to-face components within the consultation period.

During the consultation period **168** people attended drop-in information sessions and **3,000** people visited the online webpage to obtain information. A total of **241** formal (written) submissions we made.

Drop-in information session demographic overview

Please note, people who attended the drop-in information session may not have provided a submission on the campaign.

Figure 1: Number of drop-in information sessions attendees by age

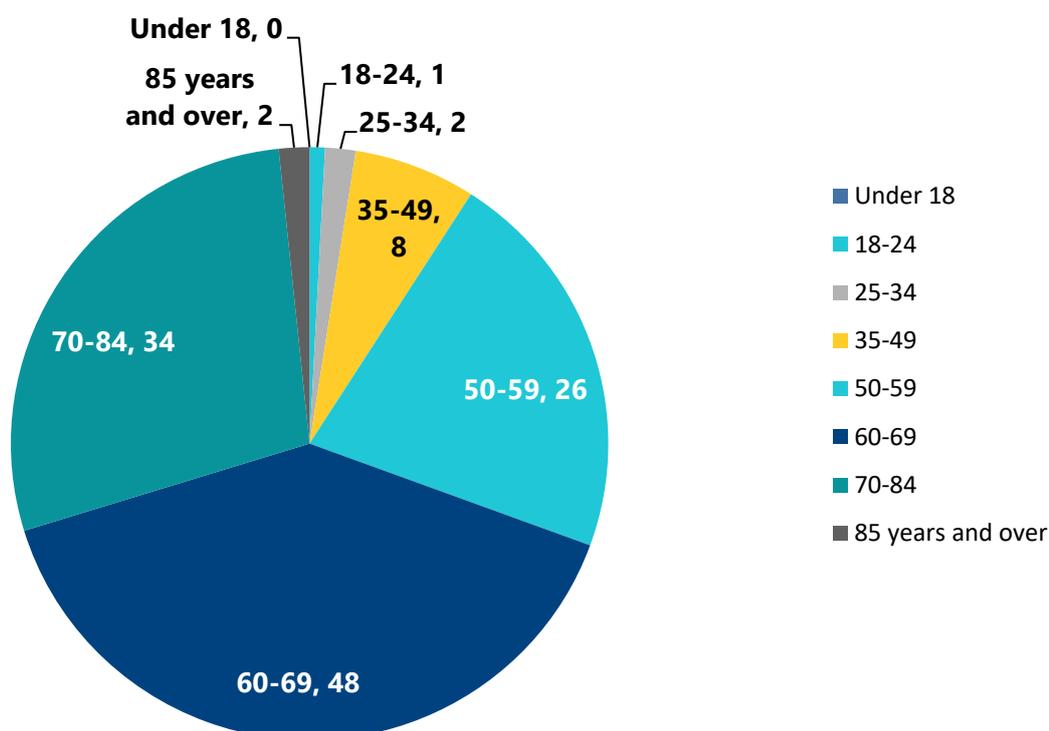


Figure 2: Number of drop-in session attendees by Indigenous heritage

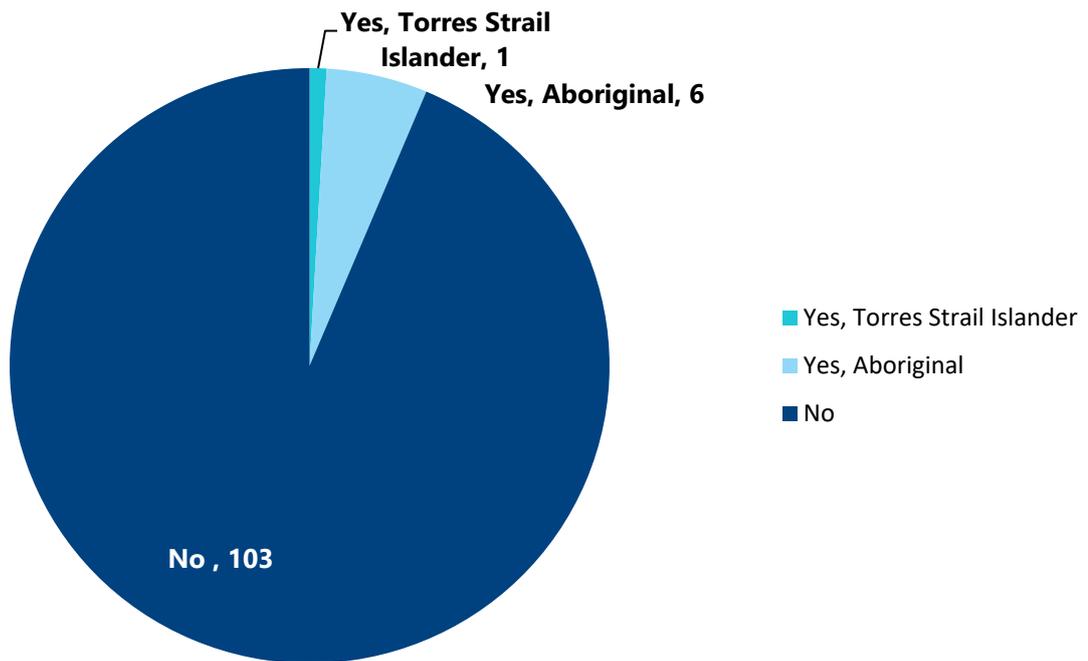


Figure 3: Number of drop-in session attendees by time lived on the Central Coast

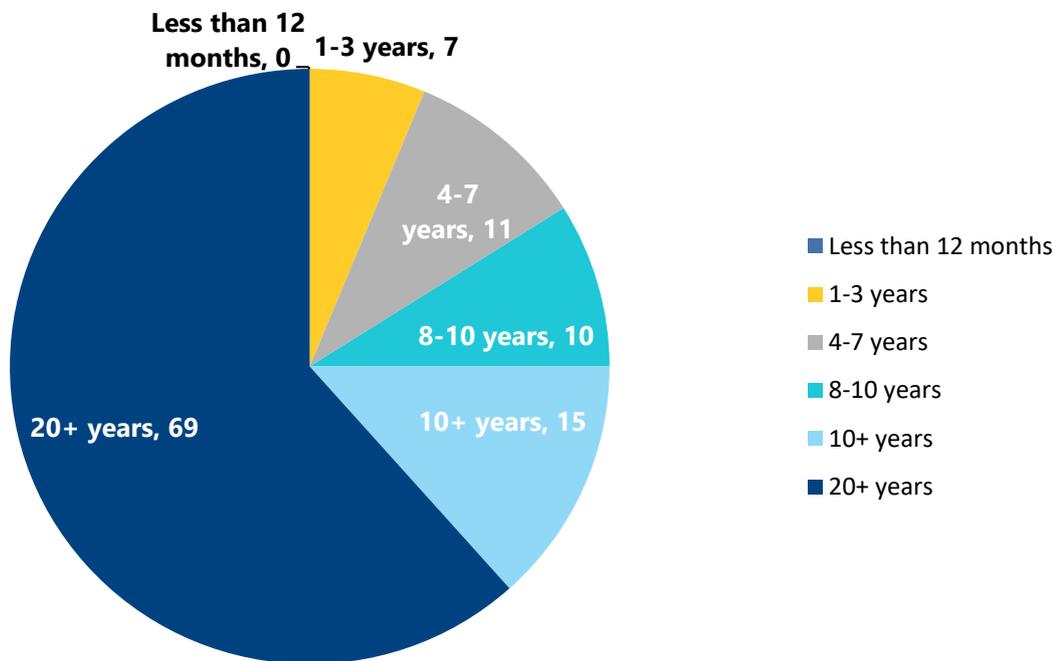


Figure 4: Number of drop-in session attendees by employment status

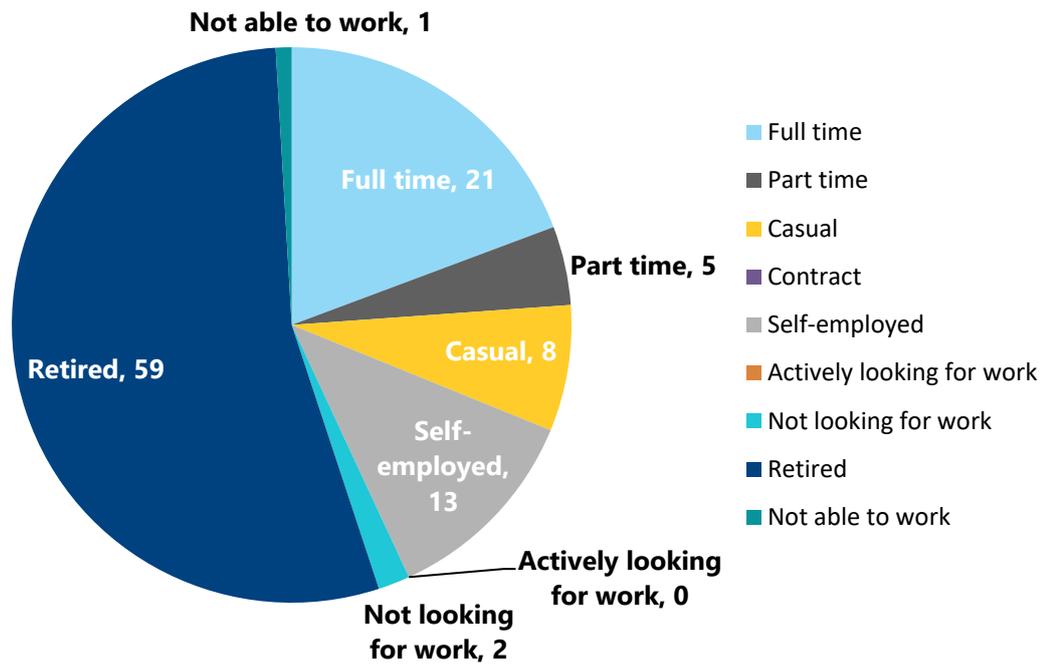


Figure 5: Number of drop-in session attendees by education level

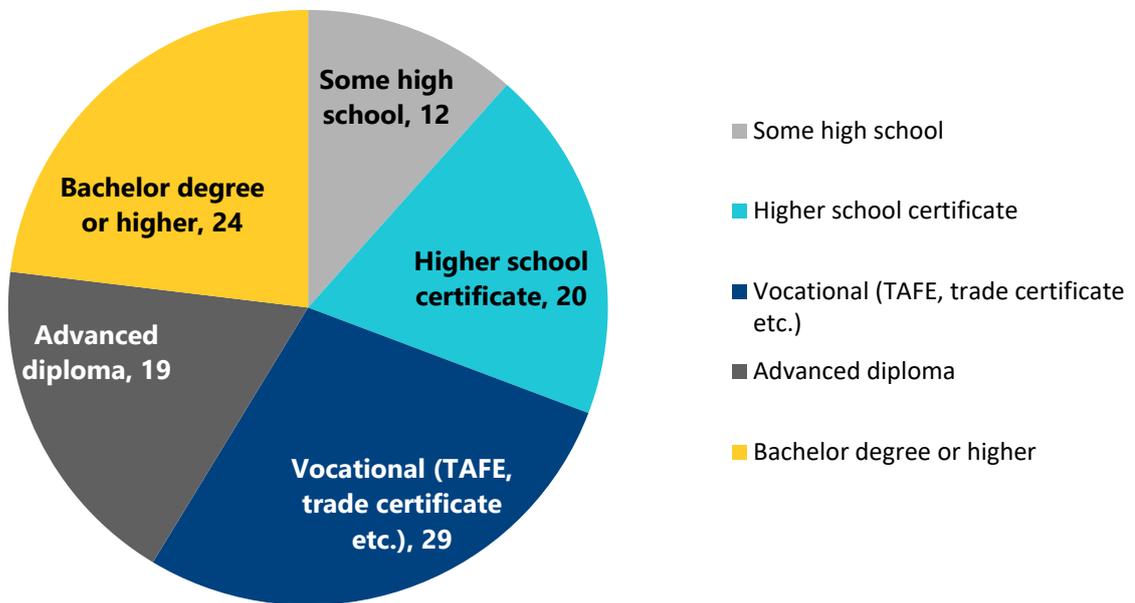


Figure 6: Number of drop-in session attendees by household type

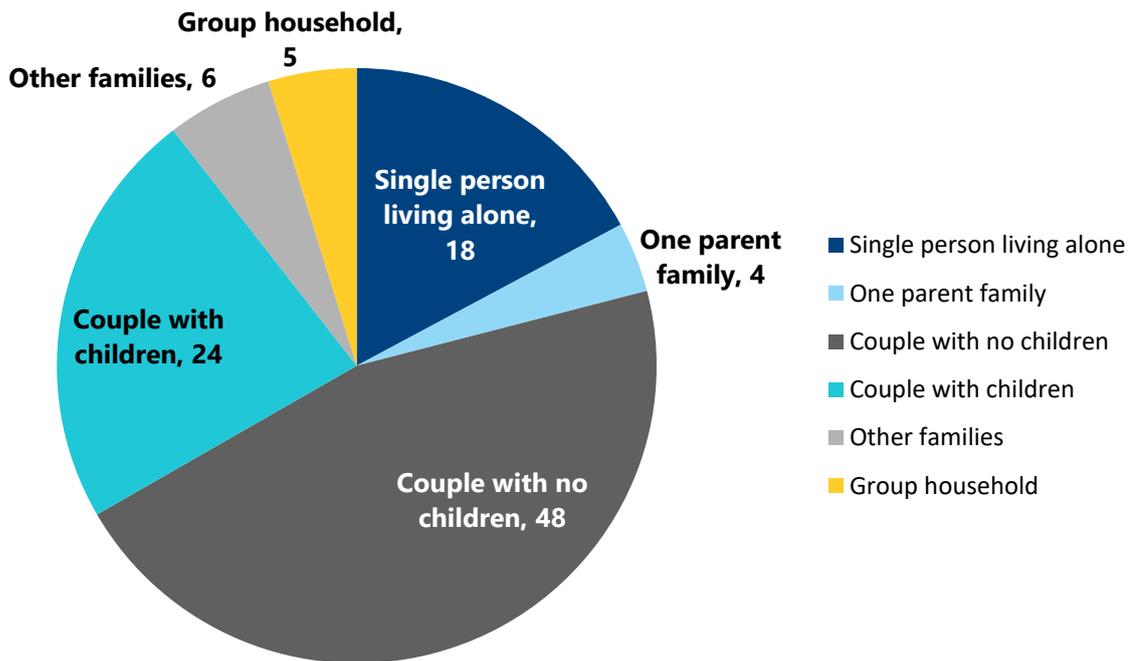
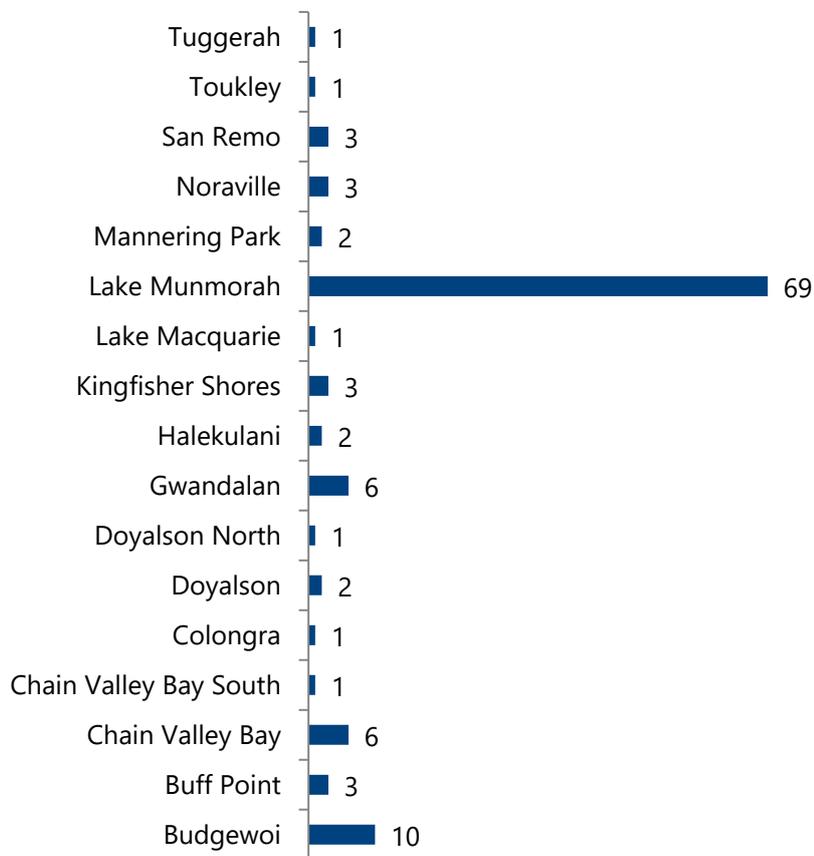


Figure 7: Number of drop-in session attendees by suburb



Online participant demographic overview

Figure 1: Number of online submissions received by age

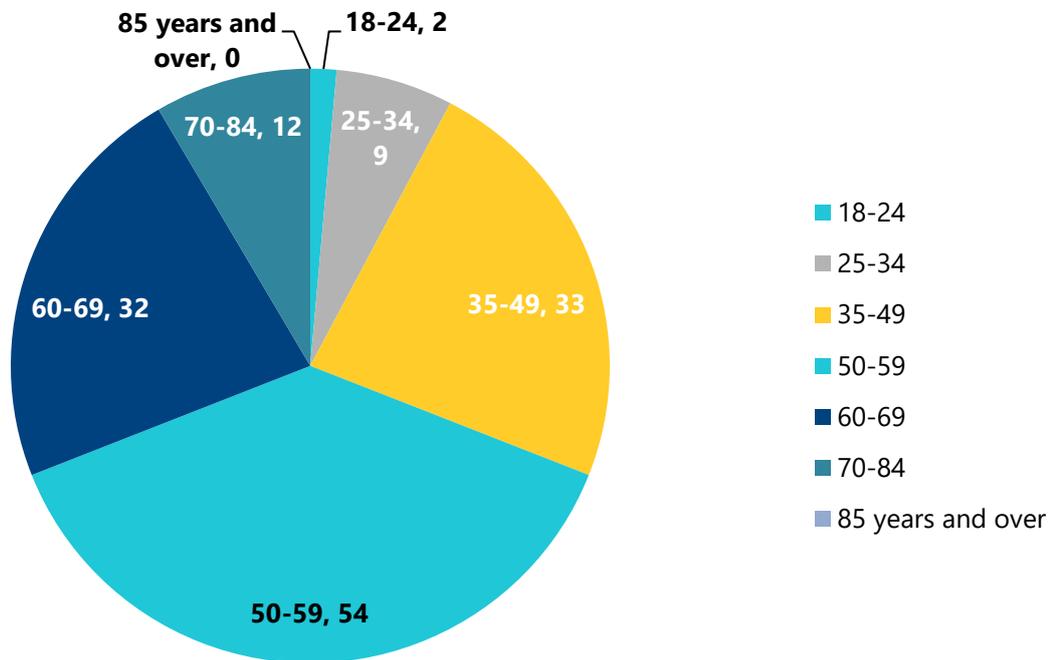


Figure 2: Number of online submissions received by Indigenous heritage

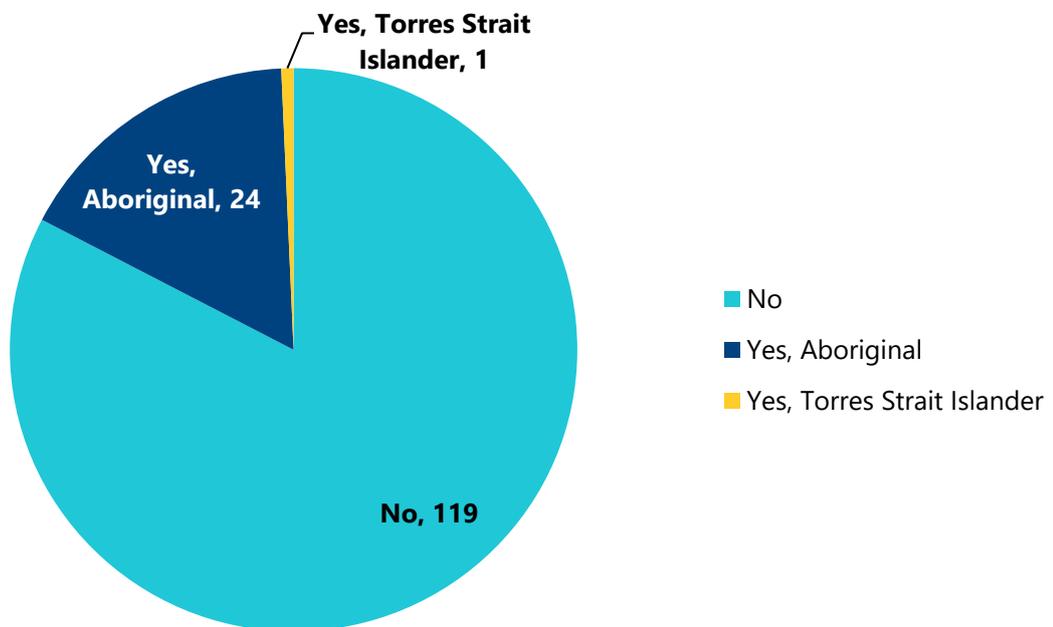


Figure 3: Number of online submissions by stakeholder type

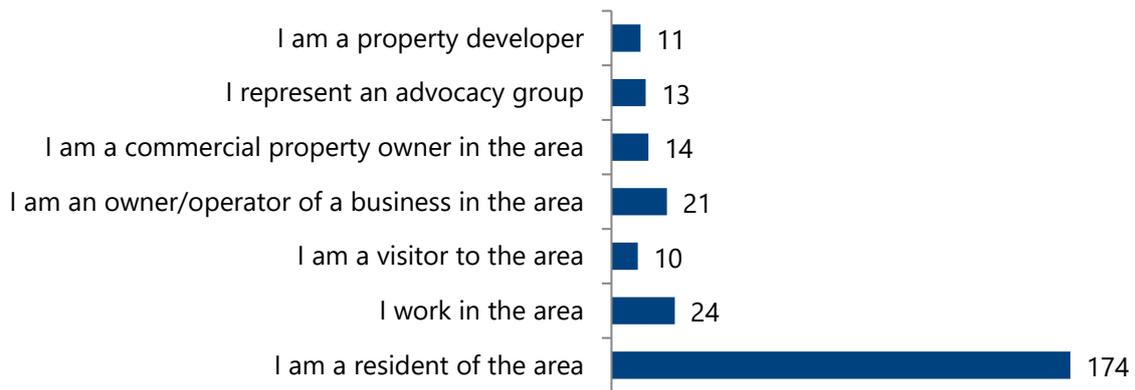
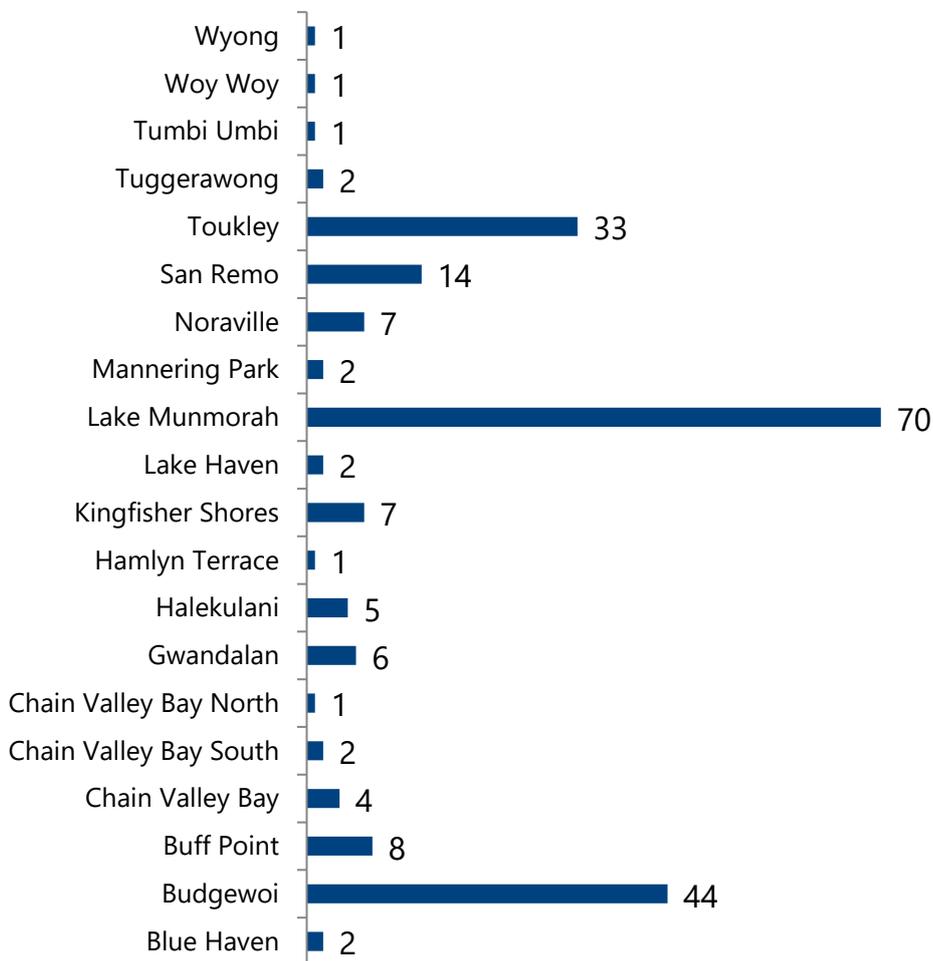


Figure 4: Number of online submissions by suburb



What we heard

We sought community feedback on the Draft Greater Lake Munmorah Structure Plan as well as broader feedback on the Northern Lakes, San Remo-Budgewoi and Toukley planning area between 28 March and 26 May 2019 as part a broader campaign, *Let's talk Northern Lakes*.

125 stakeholders made **241** formal (written) submissions and comments during this time. These were provided as online submissions through yourvoiceourcoast.com, comments via the interactive Social Pinpoint map and hand-written submissions forms provided at drop-in information sessions on the 3 and 5 April 2019.

From the **241** submissions, a total of **92** were related to the Draft Greater Lake Munmorah Structure Plan and the other **149** related to feedback about the Northern Lakes, San Remo-Budgewoi and Toukley planning area.

Many submissions contained multiple issues or comments. We have grouped these comments into themes and provided responses to key issues raised in this report.

Due to the large volume and variety of content contained within the submissions, we are not able to include and respond to every comment in this report however they have all been considered or forwarded to the relevant Council section if related to other projects and matters.

Figure 2 – Number of comments by issue (Draft Greater Lake Munmorah Structure Plan only)

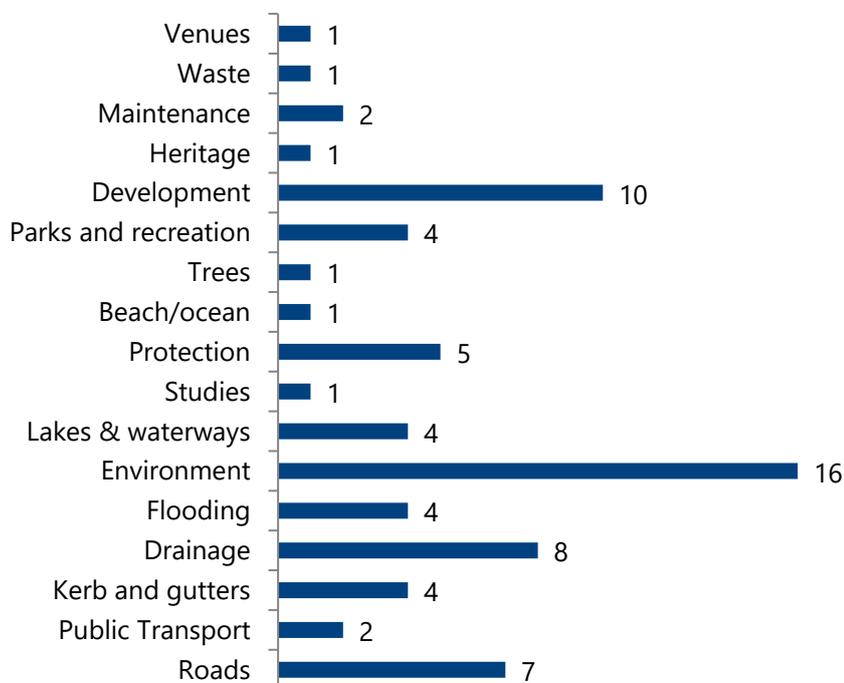
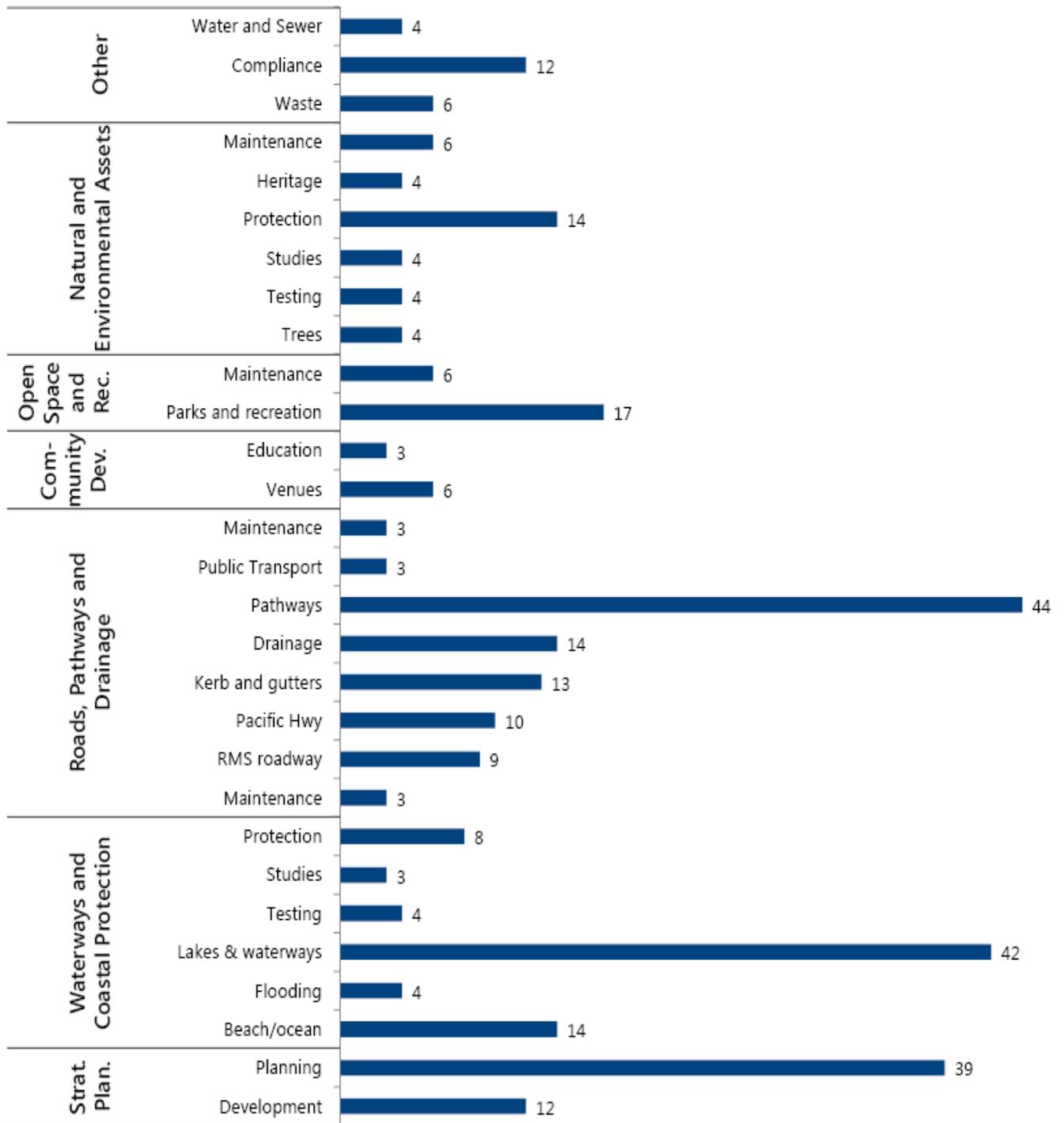
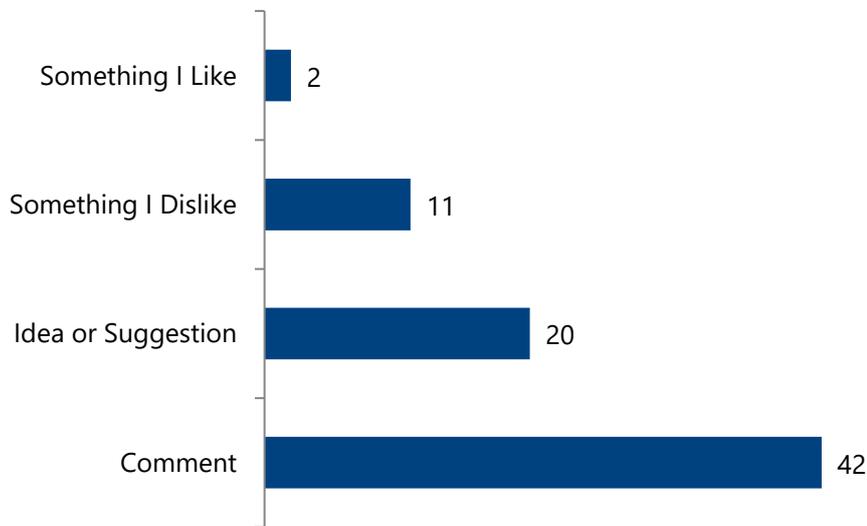


Figure 3 – Number of comments by issue (Let's Talk Northern Lakes)



Draft Greater Lake Munmorah Structure Plan

Figure 1: Number of comments per type of pin dropped.



Issue Category	Key issues raised	Response
Venues	<ul style="list-style-type: none"> Suggestion to revamp of the senior citizens hall to include shops, sportsground and recreational area 	<ul style="list-style-type: none"> Council is considering options for the Senior Citizens Hall, including incorporation of this facility into a future multi-purpose community facility. At present, the preferred location of this facility is in the vicinity of the proposed skate park and regional play space.
Development	Precinct 1 – Biodiversity Corridor <ul style="list-style-type: none"> Concerns about map indicating proposed residential development in the biodiversity corridor 	<ul style="list-style-type: none"> The Draft Greater Lake Munmorah Structure Plan does not propose development within the biodiversity corridor. The draft GLMSP is a great opportunity to provide firmer boundaries around the biodiversity corridor, building on the work of the North Wyong Shire Structure Plan.
	Precinct 3 – Kingfisher Shores <ul style="list-style-type: none"> Concerns about size of proposed development impacting local flora and fauna 	<ul style="list-style-type: none"> Noted. Impacts on flora and fauna will need to be thoroughly determined as part of any future planning proposal to rezone the land to enable residential uses.
	Precinct 6 – Kamilaroo Avenue <ul style="list-style-type: none"> Suggestion for drainage along proposed development site to link in with the underground 	<ul style="list-style-type: none"> Any future development of the adjacent 41 Kamilaroo Avenue would be subject to the standard requirement to a prepare stormwater management plan which will include measures to

Issue Category	Key issues raised	Response
	<p>creek at site 51 to protect the lake from runoff</p> <p>Precinct 7 – Chain Valley Bay</p> <ul style="list-style-type: none"> • Suggestion for portion of 426 Kariola Street to be added to Structure Plan for future residential development 	<p>ensure stormwater runoff from the site is maintained at pre-development flows.</p> <ul style="list-style-type: none"> • Noted. Council is considering options for expansion of Precinct 7.
	<p>Precinct 8 – Northern Lake Munmorah</p> <ul style="list-style-type: none"> • Suggestion to retain some roadside trees on Tall Timbers Road to draw attention away from power lines • Concerns about the proposed fire trail road and potential impacts to amenity 	<ul style="list-style-type: none"> • Noted. An action within the draft Greater Lake Munmorah Structure Plan is to identify appropriate street tree planting sites and implement accordingly. • Noted. Council is considering alternative options for future road connection between Tall Timbers Road and Carters Road.
	<p>Precinct 9 – Southern Lake Munmorah</p> <ul style="list-style-type: none"> • Suggestion for large properties on Elizabeth Bay Drive to be zoned for residential development • Concerns about traffic impacts on Quisenberry Drive if development adjacent to Pacific Lakes goes ahead • Suggestion for the expansion of Lake Munmorah local centre 	<ul style="list-style-type: none"> • Noted • Noted. Any future Planning Proposal to rezone land will need to be accompanied by a traffic study to determine impacts. • Noted. A masterplan is proposed for the Lake Munmorah Neighbourhood Centre.
Protection	<p>Precinct 1 – Biodiversity Corridor</p> <ul style="list-style-type: none"> • Concerns about Biodiversity corridor not 	<ul style="list-style-type: none"> • Noted. The draft GLMSP is a great opportunity to provide firmer boundaries around the biodiversity

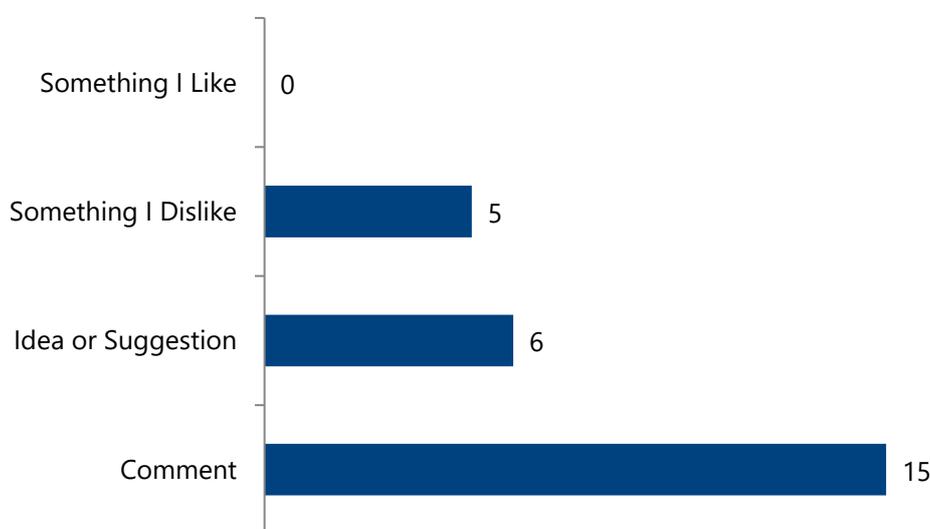
Issue Category	Key issues raised	Response
	<p>being wide enough</p> <ul style="list-style-type: none"> Suggestion to link biodiversity corridors to allow animals to travel 	<p>corridor, building on the work of the North Wyong Shire Structure Plan.</p> <ul style="list-style-type: none"> Noted. The draft GLMSP proposes a large number of north-south corridors to enable movement between the regional east-west corridor and these local corridors.
	<p>Precinct 3 – Kingfisher Shores</p> <ul style="list-style-type: none"> Suggestion for Aboriginal sacred sites as well as bushland to be preserved to protect flora and fauna Suggestion to protect the eagle's nest located opposite Macquarie Shores Village 	<ul style="list-style-type: none"> Noted. Any impacts on heritage sites or items will need to be thoroughly determined as part of any future Planning Proposal to rezone the land to enable residential uses. Noted. Impacts on flora and fauna will need to be thoroughly determined as part of any future Planning Proposal to rezone the land to enable residential uses.
	<p>Precinct 6 – Kamilaroo Avenue</p> <ul style="list-style-type: none"> Suggestion to protect creek and swamp reserve at Lakeside Leisure Village 	<ul style="list-style-type: none"> Noted
	<p>Precinct 8 – Northern Lake Munmorah</p> <ul style="list-style-type: none"> Concerns around potential loss of biodiversity east of Kangaroo Avenue 	<ul style="list-style-type: none"> Noted. Impacts on flora and fauna will need to be thoroughly determined as part of any future Planning Proposal to rezone the land to enable residential uses.
Lakes and Waterways	<p>Precinct 3 – Kingfisher Shores</p> <ul style="list-style-type: none"> Suggestion for improved access for boats and Kayaks to Lake Macquarie by creating a pathway from Lakeshore Avenue to Lake Macquarie foreshore <p>Precinct 6 – Kamilaroo Avenue</p> <ul style="list-style-type: none"> Compliment about wrack clearing – much better than it used to be 	<ul style="list-style-type: none"> Noted Noted

Issue Category	Key issues raised	Response
	<ul style="list-style-type: none"> Concerns around flood notations and potential impacts to insurance 	<ul style="list-style-type: none"> Noted. No flood notations are proposed to be added to properties as part of the draft Greater Lake Munmorah Structure Plan.
Flooding	<ul style="list-style-type: none"> Concerns about flood mapping contained within the GLMSP 	<ul style="list-style-type: none"> Noted. No flood notations are proposed to be added to properties as part of the draft GLMSP.
Roads	<p>Precinct 1 – Biodiversity Corridor</p> <ul style="list-style-type: none"> Concerns about impact the proposed road will have on biodiversity corridor Suggestion for improved connection between Gwandalan and Lake Munmorah. Suggestion for second access point from Carters Road to improve access and safety to schools 	<ul style="list-style-type: none"> There are no additional roads proposed through the biodiversity corridor. Noted. Council has commissioned a Traffic Analysis as part of the draft GLMSP. This analysis will include assessment of the informal road connection between Kanangra Drive and Chain Valley Bay Road. Noted. Council has commissioned a Traffic Analysis as part of the draft GLMSP. This analysis will include assessment of alternative connections to Carters Road, Lake Munmorah
	<p>Precinct 6 – Kamilaroo Avenue</p> <ul style="list-style-type: none"> Support for the extension of Kamilaroo Road to Saliena Avenue Concern about additional traffic if Kamilaroo Road is extended Clarification requested about the road from the Lake Munmorah Residential Resort becoming a public road 	<ul style="list-style-type: none"> Noted Noted Noted. This is a recommendation of the draft Greater Lake Munmorah Structure Plan however this proposal will require more assessment prior to any definitive plans being made to connect Kamilaroo Road and Saliena Avenue.
	<p>Precinct 7 – Chain Valley Bay</p> <ul style="list-style-type: none"> Suggestion for traffic study of Chain Valley Bay Road 	<ul style="list-style-type: none"> Noted. Council has commissioned a Traffic Analysis as part of the draft Greater Lake Munmorah Structure Plan.

Issue Category	Key issues raised	Response
	Precinct 8 – Northern Lake Munmorah <ul style="list-style-type: none"> • Support for Kangaroo Road and proposed roads 	<ul style="list-style-type: none"> • Noted
	Precinct 9 – Southern Lake Munmorah <ul style="list-style-type: none"> • Concerns around accuracy of flood mapping for Beronia Road, Agatha Avenue and Alistar Avenue 	<ul style="list-style-type: none"> • Noted. No flood notations are proposed to be added to properties as part of the draft Greater Lake Munmorah Structure Plan.
	Precinct 10 – Schools <ul style="list-style-type: none"> • Suggestion to convert unused grassed area into a parking and drop off zone for schools • Suggestion to review and upgrade Carters Road to improve access and safety 	<ul style="list-style-type: none"> • Noted. Council has commissioned a Traffic Analysis as part of the draft Greater Lake Munmorah Structure Plan. This analysis will include assessment of Carters Road, Lake Munmorah. • Council has commissioned a Traffic Analysis as part of the draft Greater Lake Munmorah Structure Plan. This analysis will include assessment of Carters Road, Lake Munmorah.

Strategic Planning

Figure 1: Number of comments per type of pin dropped.

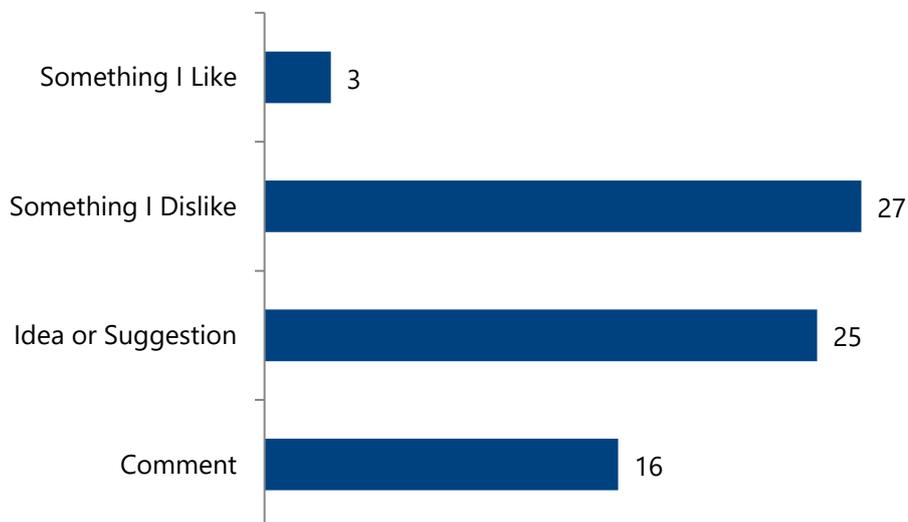


Issue category	Key issues raised	Our response
Planning	<ul style="list-style-type: none"> When will the Budgewoi Masterplan be implemented? 	<ul style="list-style-type: none"> Council has implemented various aspects of the Budgewoi Masterplan, including upgrades to the wharf and key public domain improvements along Budgewoi Creek. There have also been upgrades and enhancements completed or underway within McKenzie Reserve & Noela Place Reserve, with more planned over the coming financial years. Additionally, the CCTV network in Budgewoi has been updated and replaced and a variety of active place-making initiatives continue, including the re-establishment of the Budgewoi Festival, community murals in both Mackenzie Reserve and Noela Place Reserve. Additional seating and outdoor furniture will be installed in 2020. The proposed major road changes can only be undertaken with the involvement of Transport for NSW (Formerly Roads and Maritime Services).
	<p>Power station</p> <ul style="list-style-type: none"> Question about the plans for the power station site Suggestion for power station site to be used as a 	<ul style="list-style-type: none"> The owners of the power station site are currently preparing a masterplan for recommended future land uses. Any changes to land uses would need to be implemented via a planning proposal during which public engagement will be undertaken.

Issue category	Key issues raised	Our response
	sustainable energy production site	
	<ul style="list-style-type: none"> Concerns around potential pollution from the proposed Wallarah 2 coal mine 	<ul style="list-style-type: none"> Noted
Development	<ul style="list-style-type: none"> Suggestion for commercial zone at Canton Beach foreshore 	<ul style="list-style-type: none"> Noted. This is currently not supported by economic analysis.
	<ul style="list-style-type: none"> Suggestion to improve western entry to Toukley 	<ul style="list-style-type: none"> Noted
	<ul style="list-style-type: none"> Concerns about water supply if proposed additional 400 homes and retirement village are approved 	<ul style="list-style-type: none"> Servicing of any proposed development is required to be considered as part of the development application process.

Waterways and Coastal Protection

Figure 1: Number of comments per type of pin dropped.



Issue category	Key issues raised	Our response
Protection	<ul style="list-style-type: none"> Suggestion to use the power station site as a monitoring station and breeding area for crustaceans 	<ul style="list-style-type: none"> The owners of the power station site are currently preparing a masterplan for recommended future land uses. Any changes to land uses would need to be implemented via a planning proposal during which public engagement will be undertaken.

Issue category	Key issues raised	Our response
	<ul style="list-style-type: none"> Suggestion to protect area behind Toukley Golf Course due to historical significance 	<ul style="list-style-type: none"> Toukley Wetland is mapped as a Coastal Wetland under the Coastal management SEPP (2018) and the surrounding land supports Coastal Saltmarsh Endangered Ecological Community which affords it protection from development. In addition, Council has invested in the rehabilitation of foreshore vegetation between Slade Park and Toukley Golf Course as well as the fringes of Toukley wetland.
	<ul style="list-style-type: none"> Suggestion to protect (from maintenance mowing) the native salt tolerant couch and sedges between the shared path and water's edge at Canton Beach 	<ul style="list-style-type: none"> Noted. If the species composition in this area is representative of Coastal Saltmarsh Endangered Ecological Community, it can be protected from mowing impacts by passive protection measures.
	<ul style="list-style-type: none"> Suggestion to protect natural ocean aquifer located near the Ardsham Main Trail and Munmorah Depot Road 	<ul style="list-style-type: none"> This area is part of Munmorah State Conservation Area and is owned and managed by National Parks and Wildlife Service.
Testing	<ul style="list-style-type: none"> Suggestion for testing and study on Colongra Bay as it used to travel up through a wetland area before going off into a freshwater lake 	<ul style="list-style-type: none"> Colongra Bay is nature reserve managed by National Parks and Wildlife Service, not Council.
	<ul style="list-style-type: none"> Suggestion to test water salinity of the ocean and the lake either side of Budgewoi Road and if the same, put ocean water into the lake to assist with flow and clearing 	<ul style="list-style-type: none"> The salinity of seawater is 35ppt. The average salinity of the central zone of Budgewoi Lake based on monthly sampling since 2011 is 23ppt, the average salinity of Budgewoi Lake at Lake Haven is 22ppt. These are not the same. The main inflows and flushing mechanism for Tuggerah Lakes is flow from the catchment, not from the ocean.
	<ul style="list-style-type: none"> Suggestion for water testing and reporting (to public) at Soldiers Beach 	<ul style="list-style-type: none"> Beachwatch water quality testing is undertaken weekly during summer and fortnightly during the cooler months at Soldiers Beach. This has been ongoing since 2002. Currently the results are loaded to Council's website on a regular basis at https://www.centralcoast.nsw.gov.au/environment/coastlines/beaches-and-coastlines/beachwatch-program and are also available at

Issue category	Key issues raised	Our response
		https://www.environment.nsw.gov.au/beachapp/CentralcoastBulletin.aspx?NoMobile
Lakes and waterways	<ul style="list-style-type: none"> Concerns about the smell of Budgewoi Lake 	<ul style="list-style-type: none"> Noted. Some additional information: <p>What's that smell?</p> <p>The "rotten-egg" smell is a result of hydrogen sulphide gas (H₂S) which is produced by anaerobic bacteria in the sediment. Anaerobic means, without oxygen. Anaerobic bacteria metabolise nutrients without oxygen and produce hydrogen sulphide gas. Humans are very sensitive to the smell of H₂S in nature.</p> <p>Sediments in healthy ecosystems include a balance of aerobic (with oxygen) and anaerobic processes.</p> <p>Where does it come from?</p> <p>The smell is a natural part of an estuary but is exacerbated by the introduction of excess pollution from the catchment.</p> <p>Contrary to common perception, wrack accumulation on the shores of the lake is not the sole cause of the bad smell, it is only part of the puzzle.</p> <p>Over time, excess pollution and nutrients are carried by stormwater and settle in nearshore sediments. This enrichment places a great deal of stress on the system and upsets the balance of natural ecological processes. The faster/more efficient aerobic metabolism within the sediment is inhibited and sometimes completely stopped, so that the slower/less efficient anaerobic metabolism takes over. This leads to a build-up of organic matter and sulphide gas in the sediment which can eventually result in the formation of "black ooze".</p> <p>The smell is more noticeable when sediment is disturbed, and the wind is blowing onshore.</p> <p>Where is black ooze present?</p> <p>The worst affected sediments are known as "black ooze". They are found in isolated pockets around the shores of Tuggerah Lake where catchment</p>

Issue category	Key issues raised	Our response
		<p>development is dense, direct stormwater input is present, and the shoreline is protected from wind and wave energy. Organic sediments - the precursor to ooze – are also found around the shores of Tuggerah Lake and are widespread in the most developed part of the catchment around Tumbi, Berkeley Vale and Chittaway.</p> <p>What is Council doing?</p> <p>Four decades of urban runoff has placed a great deal of pressure on the ecological health of Tuggerah Lakes. Despite this, the estuary as a whole is relatively healthy, and comparable to other estuaries in NSW including the Manning River estuary, Wallis Lake, Karuah estuary, the Northern Beaches coastal lagoons.</p> <p>Managing nearshore water quality is complex and involves improving runoff quality, supporting natural circulation patterns and allowing the system to recover slowly from past impacts – this can take time. Work in the catchment can and has included stormwater upgrades, saltmarsh and wetland rehabilitation, foreshore protection work and wrack collection. You can find a map of Council's Estuary Management Projects under "Map of Projects" on our website: https://www.centralcoast.nsw.gov.au/environment/coastlines/estuaries-lagoons-and-wetlands/tuggerah-lakes-estuary</p> <p>Council identified Berkeley Vale as a hotspot for further investigation and received federal funding to undertake initial studies through the Improving Your Local Parks and Environment grant program in 2017-18. This study highlighted several key issues for further detailed investigation. The detailed study was kicked off in 2018-19 and is being undertaken in partnership with expert scientists from the NSW Office of Environment and Heritage (OEH). The results of the study will guide future management and improvement works in the catchment.</p> <p>What can the community do?</p>

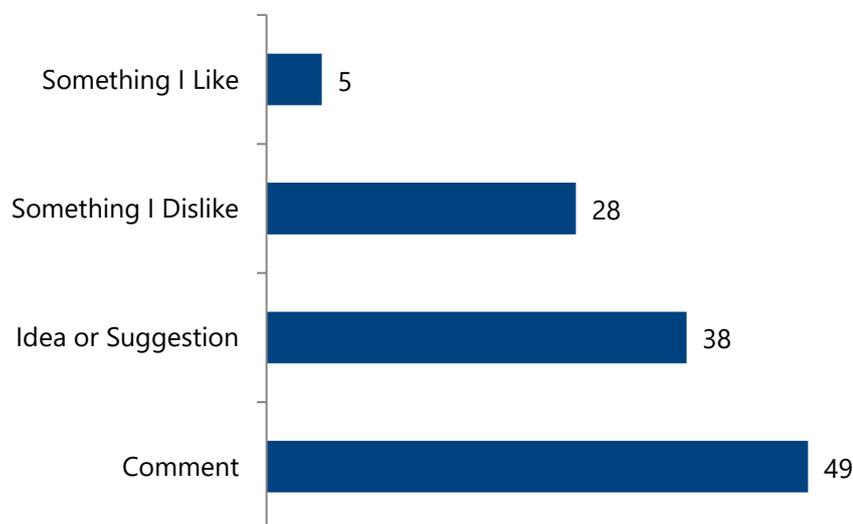
Issue category	Key issues raised	Our response
		<p>OEH are seeking citizen scientists to be involved in the research project – you can contact Rebecca Swanson on 0423 603 970 if you would like to participate.</p> <p>Reducing pollution is everyone's responsibility – you can find out more about what you can do to reducing pollution in your neighborhood by reading the latest Tuggerah Lakes Estuary Report Card.</p> <p>You can also read more a Tuggerah Lakes here: http://www.loveourlivinglakes.com.au/</p>
	<ul style="list-style-type: none"> Suggestion to open the lake to the ocean between Slade Park and Norah Head 	<ul style="list-style-type: none"> This is not feasible nor supported by the Tuggerah Lakes Estuary Management Plan. This issue will be further addressed through development of the Tuggerah Lakes Scoping Study and development of a new Coastal Management Program.
	<ul style="list-style-type: none"> Suggestion to further support the lake to rejuvenate and make it clean 	<ul style="list-style-type: none"> The Tuggerah Lakes Estuary Management Plan provides the strategic direction for managing the estuary. Since 2008, Council has received \$26.25 million in Federal Grant funding to implement the plan. This has resulted in improved water quality in several locations. A map of projects is available on Council's website and water quality data is presented through annual Waterway Report Cards. <p>https://www.centralcoast.nsw.gov.au/environment/coastlines/estuaries-lagoons-and-wetlands/tuggerah-lakes-estuary</p>
	<ul style="list-style-type: none"> Question about Council's weed control program 	<ul style="list-style-type: none"> Council have a biosecurity officer for weeds who looks after priority weed species. More information can be found on Council's website:
	<ul style="list-style-type: none"> Suggestion to re-introduce the street sweeper to reduce rubbish entering waterways 	<ul style="list-style-type: none"> Noted
	<ul style="list-style-type: none"> Concerns around lack of weed removal near Diamond Head Drive 	<ul style="list-style-type: none"> Noted
	<ul style="list-style-type: none"> Suggestion to ban all nets apart from scoop nets at Canton Beach to preserve 	<ul style="list-style-type: none"> This is a matter for Department of Primary Industries Fisheries.

Issue category	Key issues raised	Our response
	<p>prawn stocks and enhance the amenity of the area</p> <ul style="list-style-type: none"> • Suggestion to dredge (or clean off) Lake Munmorah boat ramp due inability to use due to shallow depths 	<p>Boat ramps in the Central Coast LGA are on a routine inspection schedule however community input helps to identify more urgent maintenance required. An inspection will be scheduled as a priority and works carried out accordingly.</p>
Beach/ocean	<ul style="list-style-type: none"> • Concerns about latest upgrade to Norah Head Boat Ramp – ineffective 	<p>The Cabbage Tree Harbour Ramp replacement of 2014/15 considered the use of a break wall as part of its risk profiling. .</p> <p>It was discounted on the basis of creating more risks than it mitigated and the Australian Government's Environment Agency advised that a break wall would destroy sensitive habitat.</p> <p>There are two other ocean facing boat ramps in the Central Coast LGA (Terrigal Haven and Patonga) that can be use when swell conditions at Cabbage Tree are adverse.</p>
	<ul style="list-style-type: none"> • Suggestion for break wall near Norah Head Boat Ramp to alleviate safety concerns 	<p>The Cabbage Tree Harbour Ramp replacement of 2014/15 considered the use of a break wall as part of its risk profiling.</p> <p>It was discounted on the basis of creating more risks than it mitigated and the Australian Government's Environment Agency advised that a break wall would destroy sensitive habitat</p> <p>There are two other ocean facing boat ramps in the Central Coast LGA (Terrigal Haven and Patonga) that can be use when swell conditions at Cabbage Tree are adverse</p>
	<ul style="list-style-type: none"> • Suggestion for Hargraves Beach to be made into a dog beach • Suggestion for further dog beaches be made 	<p>Council will develop a Dogs in Open Space Strategy for the whole of the Central Coast region in 2020. This document will evaluate national and local trend data in good practice dog management and include a range of community engagement opportunities that will identify a range of dog exercise facilities that meet both community needs and environmental sustainability.</p>
	<ul style="list-style-type: none"> • Suggestion to reopen the sea outlet near Elizabeth 	<ul style="list-style-type: none"> • This is not feasible nor supported by the Tuggerah Lakes Estuary Management Plan. This

Issue category	Key issues raised	Our response
	<p>Bay Drive and Ardsham Main Trail to assist with lake rejuvenation</p>	<p>issue will be further addressed through development of the Tuggerah Lakes Scoping Study and development of a new Coastal Management Program.</p>
	<ul style="list-style-type: none"> • Compliment regarding beach rejuvenation works at Cabbage Tree Bay 	<ul style="list-style-type: none"> • Noted
	<ul style="list-style-type: none"> • Suggestion to introduce water testing at Hargraves Beach 	<ul style="list-style-type: none"> • Hargraves Beach is not included in the Beachwatch Program as it is not a lifeguard patrolled beach. Council monitors 32 sites including ocean beaches and designated swimming sites across the Central Coast Local Government Area. Due to resourcing constraints, it is not possible to expand the program at this time.

Roads, Pathways and Drainage

Figure 1: Number of comments per type of pin dropped.



Issue category	Key issues raised	Our response
Maintenance	<ul style="list-style-type: none"> Suggestion for road maintenance on Natuna Avenue (from Central Coast Highway to Tenth Avenue) 	<ul style="list-style-type: none"> Council recently carried out road renewal works in Natuna Avenue from Scenic Drive to House Number 25, which includes the section raised. These works have provided a reconstructed road pavement and therefore an improved road surface.
Public Transport	<ul style="list-style-type: none"> Suggestion for fast train from Newcastle to Central Coast and Central Coast to Sydney 	<ul style="list-style-type: none"> Council will continue to liaise with the relevant State Government departments to advocate for the provision of a fast train service on the Central Coast.
	<ul style="list-style-type: none"> Suggestion for Route 99 extension to Leslie Avenue / Elizabeth Bay Drive. 	
Pathways	<ul style="list-style-type: none"> Request for pathways: <ul style="list-style-type: none"> On Acacia Ave Between Osbourne Park and Canton Beach Park Between Toukley Golf Course and the parks 	<ul style="list-style-type: none"> Council has developed two new strategic planning documents for the Central Coast Region – a Pedestrian Access and Mobility Plan (PAMP) and a Bike Plan, which have been adopted by Council. The plans consider new and existing routes for footpaths, shared paths and cycleways and will guide Council's ongoing roll out of an active transport network for the Central Coast over the

	<ul style="list-style-type: none"> - From one side of Budgewoi to the other - Along Brisbane Street - Between Evans Road and Canton Beach - From Dianne Avenue to the lake - From Lake Munmorah to Budgewoi - Between Canton Beach and Norah Head - On main transport routes in Gwandalan and Summerland Point - To finish pathway between Toukley and the Entrance - On Acacia Drive from Boronia to Queens Road - Between Budgewoi Coles and Budgewoi Bridge - From Macquarie Shores Village to Kingfisher Shores / Pacific Highway - Throughout San Remo to schools and shops - To Patrick Kelly Park. 	<p>next ten years. This will include identifying priority projects, developing capital works programs and informing grant funding submissions.</p> <p>In developing the PAMP and Bike Plan, Council gathered near record levels of community feedback and have listened to and addressed what our community has voiced.</p> <p>Funding of the projects identified within the Bike Plan and PAMP will be considered as part of future capital works programs based on a priority basis. As funding is limited, budget allocations will be made to projects with the highest ranking.</p>
	<ul style="list-style-type: none"> • Request for foreshore pathway between Mannering Park and Chain Valley Bay 	<ul style="list-style-type: none"> • The shared pathway between Mannering Park and Chain Valley Bay is currently being designed this financial year, in accordance with Council's resolution.

	<ul style="list-style-type: none"> • Suggestion for track lighting along pathways 	<ul style="list-style-type: none"> • Council does not generally provide lighting specifically for illuminating public pathways, which are not associated with the roadway, as it can cause undue impact on nearby residential properties at night. The aim of street lighting is to improve safety by providing guidance for motorists and pedestrians at night to the road alignment and infrastructure within the roadway such as marked pedestrian crossings and refuges.
	<ul style="list-style-type: none"> • Compliment for Peel Street Pathway 	<ul style="list-style-type: none"> • Noted
	<ul style="list-style-type: none"> • Suggestion for more information signage on pathways 	<ul style="list-style-type: none"> • As pathway routes are completed, consideration will be given to implement information signage along these routes.
Drainage	<ul style="list-style-type: none"> • Concerns around drainage across from 28 Collendina Road • Suggestion to clean drainage at Acacia Ave, near Adeline Avenue • Concerns about lack of drainage on the entrance to Mannering Park at Vales Road • Concerns about drainage ditches on Anthony Street • Concerns around poor and inconsistent drainage in Noraville • Suggestion for drainage improvement at Lakeshore Avenue and Tall Timbers Drive (stormwater runoff blocks roadway) • Request for drainage maintenance at Terraglin Drive (not currently working causing long lasting puddles of water) • Concerns about drainage on Wallaby Road • Compliment about drainage culverts on Chain Valley Bay Road 	<ul style="list-style-type: none"> • The existing roadside table drains are considered to be the most effective means of drainage in these low-lying areas. Infrastructure projects such as road reconstructions which include kerb and gutter, drainage improvements and pathways are listed for consideration of funding through Council's capital works program. Works are prioritised against technical criteria which results in a ranking of projects with budget allocations made to projects with the highest ranking. As projects are funded and delivered they are removed from the schedule of works resulting in other works on the schedule becoming the highest priority and allocated funding in the development of the next years capital works program. The allocation of funding to a project contained on the capital works program is subject to Council adoption. Should any residents have and specific concerns in relation to stormwater drainage issues, it is suggested they contact Council's Customer Service Centre by telephoning 1300 463 954 to make a report for investigation and appropriate action.

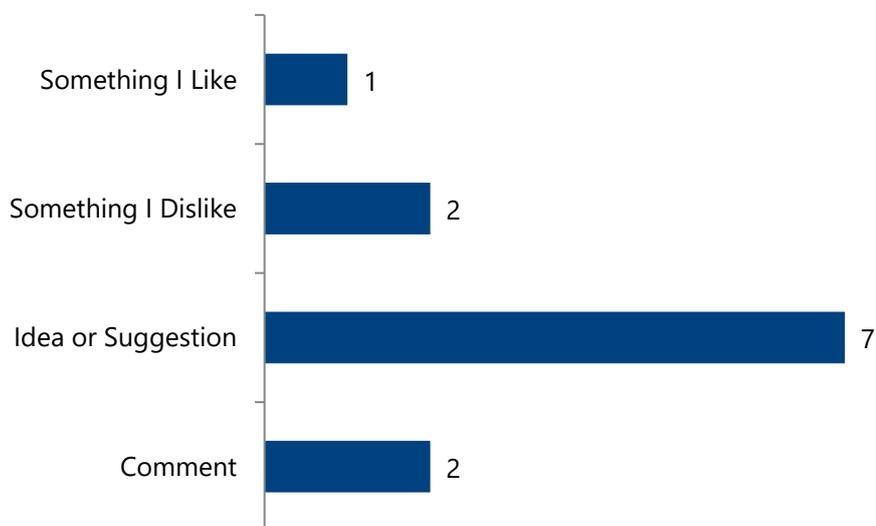
	<ul style="list-style-type: none"> • Suggestion for drainage along proposed Kamilaroo Ave development site to link in with the underground creek at site 51 to protect the lake from runoff. 	
Kerb and gutters	<ul style="list-style-type: none"> • Request for more kerb and guttering throughout the planning area 	<ul style="list-style-type: none"> • Infrastructure projects such as road reconstructions which include kerb and gutter, drainage improvements and pathways are listed for consideration of funding through Council's Capital Works Program. Works are prioritised against technical criteria which results in a ranking of projects with budget allocations made to projects with the highest ranking. As projects are funded and delivered they are removed from the schedule of works resulting in other works on the schedule becoming the highest priority and allocated funding in the development of the next years capital works program. The allocation of funding to a project contained on the capital works program is subject to Council adoption. Additionally, State and Federal Government grant funding may be provided to Council to undertake upgrades of local residential roads.

Pacific Highway	<ul style="list-style-type: none"> Request for drainage upgrades near 658 Pacific Highway, currently a safety hazard Concerns about the turning lane for residents exiting Chain Valley Bay onto Pacific Highway Suggestion for widening of Colongra Bay Drive / Pacific Highway intersection Suggestion for improved intersection at Palm Drive and Pacific Highway. Suggestion for intersection upgrade at Colongra Bay Road / Pacific Highway Suggestion for signaled intersection at Kangaroo Avenue / Pacific Highway 	<ul style="list-style-type: none"> Concerns regarding Pacific Highway will be forwarded to Transport for NSW, formerly Roads and Maritime Services. As Pacific Highway is a State Road under the care and control of Transport for NSW.
RMS Roadway	<ul style="list-style-type: none"> Suggestion for better maintenance of the Central Coast Highway as the gateway to the Northern community 	<ul style="list-style-type: none"> Council carries out maintenance activities on Central Coast Highway in accordance with a contract with Transport for NSW. Concerns regarding Scenic Highway/Pacific Highway will be forwarded to Transport for NSW, formerly Roads and Maritime Services. As Pacific Highway is a State Road under the care and control of Transport for NSW.
	<ul style="list-style-type: none"> Suggestion for the left hand turn from Scenic Highway onto Pacific Highway have a left-hand turn lane installed (in peak times creates traffic back log) 	<ul style="list-style-type: none"> Any improvements inclusion provision of turning lanes at intersection on Pacific Highway will be forwarded to Transport for NSW, formerly Roads and Maritime Services. As Pacific Highway is a State Road under the care and control of Transport for NSW.
Council roads	<ul style="list-style-type: none"> Suggestion for dedicated left turning lane in Carters Roads (rather than combined straight and left turn lane). 	<ul style="list-style-type: none"> Council Officers have undertaken a detailed investigation of the traffic and pedestrian conditions within Carters Road which has resulted in the development of several improvement projects. The aim of the above

		<p>works is to provide additional car parking opportunities, improved pedestrian access and improved traffic flow. The undertaking of these improvements are dependent upon costings and budget availability.</p>
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Community Development

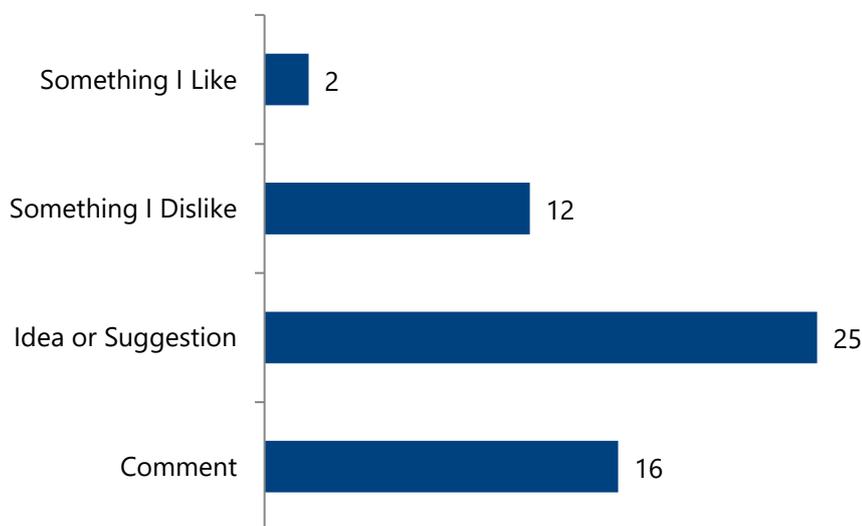
Figure 1: Number of comments per type of pin dropped.



Issue category	Key issues raised	Our response
Venues	<ul style="list-style-type: none"> Suggestion to hire the Toukley Girl Guide hall out for community activities 	<ul style="list-style-type: none"> This feedback will be considered by the Council's community infrastructure section.
	<ul style="list-style-type: none"> Compliment around graffiti removal and other measures to combat graffiti 	<ul style="list-style-type: none"> Noted
Other	<ul style="list-style-type: none"> Suggestion for the reintroduction of the Budgewoi Festival 	<ul style="list-style-type: none"> Budgewoi Festival returned in November 2018 and 2019.
	<ul style="list-style-type: none"> Suggestion for more youth engagement activities in the area 	<ul style="list-style-type: none"> Council has developed Youth Strategy and Council's Youth Services team will be continuing more outreach activities in the North.
	<ul style="list-style-type: none"> Compliment about removal of old amenities block on the Toukley Village Green and delivery of new facility 	<ul style="list-style-type: none"> Noted

Open Space and Recreation

Figure 1: Number of comments per type of pin dropped.



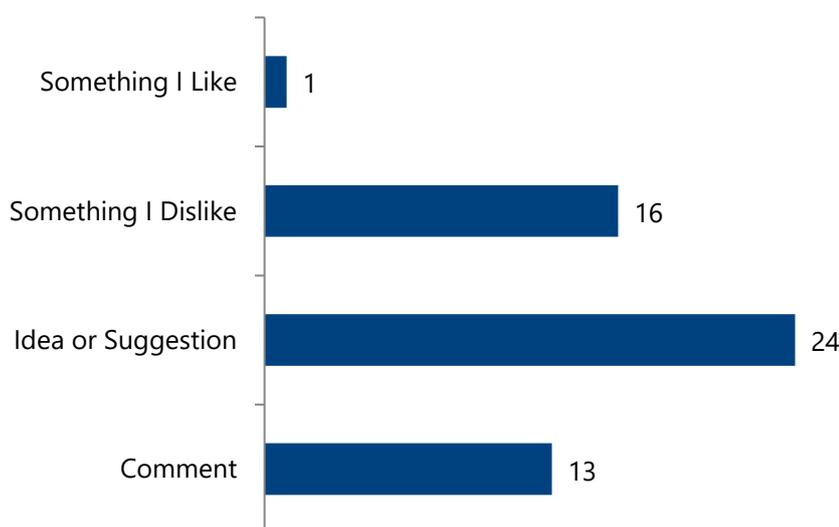
Issue category	Key issues raised	Our response
Parks and recreation	<ul style="list-style-type: none"> Suggestion to revamp / introduce play equipment at: <ul style="list-style-type: none"> Elizabeth Bay Park Liamena Avenue (across from shops) Natuna Avenue (next to Budgewoi Bridge) Kingfisher Reserve Lake Munmorah Edgewater Park (for younger children) 	<ul style="list-style-type: none"> Council is currently developing a play space strategy, which will provide strategic direction for the development and management of playspaces. Elizabeth Bay Park is on land owned by the National Parks and Wildlife Services (NPWS). The Draft Greater Lake Munmorah Structure Plan contains an action to approach NPWS to request that this play space be reintroduced. Council will follow this up however the ultimate decision remains with NPWS.
	<ul style="list-style-type: none"> Concerns about the Colongra BMX track and potential developments 	<ul style="list-style-type: none"> The owners of the power station site are currently preparing a masterplan for recommended future land uses. Any changes to land uses would need to be implemented via a planning proposal during which public engagement will be undertaken.
	<ul style="list-style-type: none"> Suggestion for water bubblers at Acacia Avenue recreation facility 	<ul style="list-style-type: none"> Noted
	<ul style="list-style-type: none"> Suggestion to improve the Blue Haven Recreational 	<ul style="list-style-type: none"> Blue Haven tennis courts were recently upgraded with new fencing, court surface and drainage upgrade

<p>facility – particularly the tennis courts and skate park</p>	<p>Council is currently developing a skate park strategy, which will inform the development, upgrade and maintenance of skate facilities on the Central Coast.</p>
<ul style="list-style-type: none"> • Suggestion to retain the existing skate park at Lake Munmorah 	<p>The old skate park will be removed and is supported by a resolution of Council.</p>
<ul style="list-style-type: none"> • Concerns around site selected for new Lake Munmorah Skate Park due to safety (access to Pacific Highway and to cross Tall Timbers Road) 	<ul style="list-style-type: none"> • The site for the proposed Lake Munmorah Skate Park was selected due to good passive surveillance opportunities as well as its vicinity to local shops. The proposed design will encourage users to use the signalised crossing at the end of Tall Timbers Road. It will also use physical barriers, such as fencing and planting, to prevent access directly onto Tall Timbers Road from the reserve.
<ul style="list-style-type: none"> • Suggestion for fitness stations along waterfront reserves and at Tunkawallin district level play space 	<ul style="list-style-type: none"> • Council is currently developing a play space strategy, which will provide strategic direction for the development and management of playspaces. Fitness equipment stations will be installed along the Mannering Park foreshore in July 2019. • Installation of 2 new fitness stations at Mannering park were completed, with one of these being located on the foreshore near the Grace St boat ramp • Community engagement will be undertaken as part of the Tunkawallin play space development. Any suggestions regarding fitness equipment will be considered at this time.
<ul style="list-style-type: none"> • Concerns about anti-social behavior at Osbourne Park. 	<ul style="list-style-type: none"> • Anti-social behavior in public places is a police matter. • If anti-social behavior is occurring, it should be reported to the Police immediately. OS&R to check that correct ordinance signage is installed at the reserve.
<ul style="list-style-type: none"> • Suggestion for handrail on jetty at Gwandalan Lioness Park 	<ul style="list-style-type: none"> • Council recently replaced the swimming enclosure net at this location. Council are investigating the possibility of providing a handrail at this location.
<ul style="list-style-type: none"> • Compliment about Budgewoi boat ramp installation 	<ul style="list-style-type: none"> • Noted
<ul style="list-style-type: none"> • Suggestion to revamp Edgewater Park boat ramp 	<ul style="list-style-type: none"> • Council is developing an Aquatic Infrastructure Strategy which will include an audit on all boat

		ramps. This will result in future capital upgrades where required.
Maintenance	<ul style="list-style-type: none"> Concerns around lack of maintenance at Munmorah Summerland Point Lions Park 	The Lions Park is serviced every three weeks in summer and every five weeks in winter. This servicing is part of a broader schedule for other parks across the area and is developed based on Council's to current resources.
	<ul style="list-style-type: none"> Suggestion to maintain entry points to Patrick Kelly Park 	<ul style="list-style-type: none"> The entry point is bushland reserve and therefore not scheduled for maintenance to occur.

Natural and Environmental Assets

Figure 1: Number of comments per type of pin dropped.



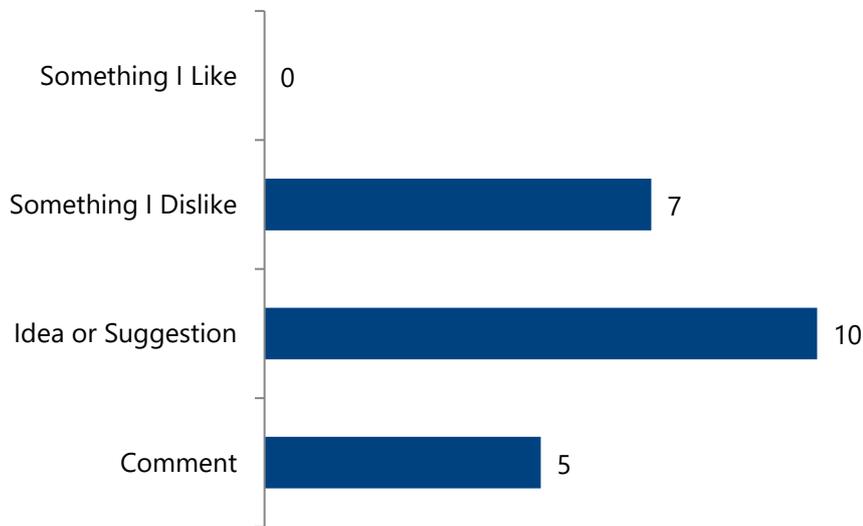
Issue category	Key issues raised	Our response
Maintenance	<ul style="list-style-type: none"> Suggestion for 'no mow zone' at Palomar Parade 	<ul style="list-style-type: none"> Extensive fire breaks are required in this area which means that mowing is required to mitigate very high bush fire risk. The land around the nursing home is privately owned.
	<ul style="list-style-type: none"> Suggestions to more frequently maintain area around Toukley Garden 	<ul style="list-style-type: none"> Reserves in the Central Coast local government area are on a routine inspection schedule however community input helps to identify more urgent maintenance required. An inspection will be scheduled as a priority and works carried out accordingly.
	<ul style="list-style-type: none"> Suggestion for information boards at waterfront 	<ul style="list-style-type: none"> Noted

	reserves to improve mowing practices	
	<ul style="list-style-type: none"> Concerns about lack of maintenance at Joeys Reserve 	<ul style="list-style-type: none"> Reserves in the Central Coast local government area are on a routine inspection schedule however community input helps to identify more urgent maintenance required. An inspection will be scheduled as a priority and works carried out accordingly.
	<ul style="list-style-type: none"> Suggestion for maintenance of grassed area near Budgewoi Bridge 	<ul style="list-style-type: none"> Reserves in the Central Coast local government area are on a routine inspection schedule however community input helps to identify more urgent maintenance required. An inspection will be scheduled as a priority and works carried out accordingly.
Heritage	<ul style="list-style-type: none"> Suggestion that area behind Toukley Golf Course has historical significance 	<ul style="list-style-type: none"> There are no known heritage items in the area of the golf course that are currently listed on the Wyong Local Environmental Plan 2013 (Schedule 5). Initial research indicates that there was previously sand mining in this area and perhaps there are remnants of this activity in the area. Council are commencing a new Heritage Study which will cover the entire Central Coast Council area for the first time. This study is to inform the Comprehensive Local Environmental Plan and the coming together of all of the heritage schedules that currently exist across the two former Council areas. As part of this study we will be reviewing nominations of potentially new heritage items. This suggestion of a potential heritage item in the vicinity of the Toukley Golf Club has been placed on the list of potential items to be reviewed as part of the study.
Protection	<ul style="list-style-type: none"> Suggestion to create a swamp nature reserve at Munmorah Power Station 	<ul style="list-style-type: none"> The owners of the power station site are currently preparing a masterplan for recommended future land uses. Any changes to land uses would need to be implemented via a planning proposal during which public engagement will be undertaken.
	<ul style="list-style-type: none"> Suggestion to protect Aboriginal sacred sites on Kingfisher Reserve 	<ul style="list-style-type: none"> This reserve is managed by Crown Lands and Council is not aware of any Aboriginal sacred sites on this land..

	<ul style="list-style-type: none"> • Suggestion to protect area along Budgewoi Road to ensure it is preserved 	<ul style="list-style-type: none"> • This area is a shared boundary with the owners of the power station site and collaborative access management is being undertaken by Council in conjunction with the ongoing development planning.
	<ul style="list-style-type: none"> • Suggestion to protect area between Gosford Road and Link Road for conservation and wildlife purposes 	<ul style="list-style-type: none"> • Noted
Studies	<ul style="list-style-type: none"> • Suggestion to study area along Budgewoi Road as it is a tropical and subtropical forest 	<ul style="list-style-type: none"> • Noted
Trees	<ul style="list-style-type: none"> • Concerns about dying trees around power station 	<ul style="list-style-type: none"> • Noted
	<ul style="list-style-type: none"> • Compliment on bush regeneration work at Palomar Parade 	<ul style="list-style-type: none"> • Noted. Bush regeneration works typically follow fire break establishment works to improve environmental health and scenic amenity.
	<ul style="list-style-type: none"> • Suggestion to plant feature trees throughout the region 	<ul style="list-style-type: none"> • Noted
	<ul style="list-style-type: none"> • Suggestion for succession planting at Canton Beach 	<ul style="list-style-type: none"> • Noted

Other

Figure 1: Number of comments per type of pin dropped.



Issue category	Key issues raised	Our response
Water and Sewer	<ul style="list-style-type: none"> Suggestion to move sewer works from between Wilfred Barret Drive and Evans Road further inland to protect waterways 	<p>This suggestion is noted, however the sewage treatment plant will remain in its current location. In addition to the replacement value of the existing sewage treatment plant (over 30 million dollars) there is also an extensive network of assets which transfer sewage to the existing sewage treatment plant location which would require relocation at significant cost. It is also noted treated effluent from this plant and others is transferred to the Norah Head ocean outfall via a substantial tunnel which commences at the existing sewage treatment plant. Council's treatment plants operation and effluent quality are monitored and regulated by the New South Wales Environment Protection Agency (EPA). This agency sets the goals that Council must achieve with respect to impacts to the environment.</p>
	<ul style="list-style-type: none"> Concerns about the potential impacts of the Wallarah 2 Coal mine 	<p>The proposed Wallarah 2 Coalmine presents a risk to the streamflows the Central Coast water supply sources from Wyong River. Council formally objected to the proposed coalmine proceeding on the basis of this and other risks and impacts. In response to the proposed Wallarah 2 Coal mine proposal, the NSW Government has provided compensatory water arrangements for the Central Coast water supply to offset the impacts on the amount of water available</p>

		for the water supply. This has been included as a condition of consent by the NSW Department of Planning and Environment, with this agency responsible for the oversight of the monitoring and compliance of compensatory water arrangements.
Compliance	<ul style="list-style-type: none"> Concerns around anti-social behavior at closed amenities block on Noela Place, suggestion to either remove or fix 	<p>Anti-social behavior in public places is a police matter.</p> <p>If anti-social behavior is occurring, it should be reported to the police immediately.</p>
	<ul style="list-style-type: none"> Suggestion to stop motorbikes destroying local bushland 	Driving/riding offences, unregistered motorbikes and riding without a helmet are the responsibility of the police.
	<ul style="list-style-type: none"> Concerns around anti-social behavior at Canton Beach 	<p>Anti-social behavior in public places is a police matter.</p> <p>If anti-social behavior is occurring, it should be reported to the Police immediately.</p>
	<ul style="list-style-type: none"> Suggestion to police dogs off leash at the end of Kamilaroo Avenue 	Instances of dogs being exercised off leash in this location should be reported to Council at the time it is occurring, and rangers will respond accordingly.
Waste	<ul style="list-style-type: none"> Suggestion to install recycling bins at coastal areas (beaches, parks and recreational areas) 	<p>Council's waste services section began a trial 'Public Place Waste and Recycling Station' program in November 2017 with the installation of seven waste and recycling stations to the newly developed Bato Yard. After the success of the trial, stage 1 of the Public Place Waste and Recycling Station project began in December 2018, with a total of 120 public place recycling stations in the northern section of the Central Coast, with 85 of these installed in open space areas i.e. beaches, parks and recreational areas. Stage 1 was completed in June 2019 with stage 2 starting in November 2019. Stage 2 prioritises open space areas.</p> <p>Some areas with introduced public place recycling are:</p> <ul style="list-style-type: none"> Gwandalan Summerland Point Budgewoi Canton Beach Norah Head North Entrance Toowoan Bay Shelly Beach

	<ul style="list-style-type: none">• Suggestion for increased waste services over holiday peak periods	<p>Council provides over 1100 public place waste and recycling fixed receptacles throughout the northern sector of the Central Coast, and the standard service schedule sees over 2700 standard services with a capacity of collecting 648,000 litres of waste and recyclables each week. In addition to this, throughout the busy Christmas / New Year period Council strategically places additional free-standing litter bins through the high-volume tourist areas at key locations, increasing the services in this peak period by an additional 963 weekly services. All public place waste receptacles in these areas are serviced seven days per week over the six-week Christmas holiday period.</p> <p>Council also offers all residents and strata managers the opportunity to increase their waste and recycling service collection by offering a user-pay additional service at a cost structured and advertised in our annual fees and charges.</p>
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Consultation outcomes and next steps

Thank you to everyone who provided submissions for the Draft Greater Lake Munmorah Structure Plan and comments on the Northern Lakes including San Remo-Budgewoi and Toukley area and attended the *Let's talk Northern Lakes* drop-in information sessions.

In response to submissions from the community about the Draft Greater Lake Munmorah Structure Plan, we are:

- Conducting a review of the Draft Greater Lake Munmorah Structure Plan in consideration of the exhibition results is currently being undertaken. Recommendations based on of the feedback will be provided to Council.
When any other projects within the planning area are underway Council will return to consult with the community and will let the community know when further information is available.

With regards to the other feedback collect throughout the *Let's Talk Northern Lakes* campaign we have:

- Provided information to each of the relevant departments within Council for consideration
- Provided responses to the feedback in the tables above
- Noted feedback for consideration in future planning for the area.

Appendices

Appendix A

Media release

16 April 2019

Greater Lake Munmorah Structure Plan draft on exhibition

Central Coast Council is inviting the community to provide feedback on the draft Greater Lake Munmorah Structure Plan now on public exhibition.

Council Director, Environment and Planning, Scott Cox said the draft Greater Lake Munmorah Structure Plan was developed through significant analysis and stakeholder engagement, and once finalised will deliver the first cohesive long term vision for land use in this important growth area of the Coast.

“This draft Plan sets out a long-term vision for the Greater Lake Munmorah study area, ensuring the area is designed for sustainable growth, liveability and employment opportunities whilst protecting the area’s unique character and sensitive natural settings,” Mr Cox said.

“With a coherent framework for the development, facilitation of future growth and prosperity of the area, the plan identifies appropriate development footprints for new residential and employment land, relevant staging requirements, plus appropriate transport, environmental and open space networks.”

The study area is a collection of ten precincts connected by the Central Coast Highway – a biodiversity corridor; employment lands, Kingfisher Shores, sportsgrounds, Saliena Ave; Kamilaroo Ave; Chain Valley Bay, Northern Lake Munmorah, Southern Lake Munmorah; and Schools.

Council is also taking this opportunity to inform the community of projects taking place in surrounding suburbs which make up the planning area including Northern Lakes, San Remo, Budgewoi and Toukley. An interactive online map has been developed to make it easier for the community to zone in on the areas that interest them, view the draft plan precinct summaries and provide feedback.

Mayor Jane Smith said that Council recognises the importance of an overview vision and framework for future development of Greater Lake Munmorah as this area continues to grow in population, industry and as a popular destination for both tourists and locals.

“This Structure Plan will ensure the future liveability of the area and plan for a flourishing economy and well-connected spaces, whilst also providing greater certainty for the community in regards to land usage,” Mayor Smith said.

“Providing opportunities for the community to have their say is an integral stage in the development of this Structure Plan and the feedback will be used to finalise a plan that meets the need of the community - now and in the future.”

Public consultation closes on Sunday 26 May 2019. For more information and to provide feedback, visit yourvoiceourcoast.com

View all Central Coast Council's recent [media releases](#) on our website.

To keep up to date with Council's breaking news like/follow our [Facebook](#) and [Twitter](#) pages

Appendix B

Advertising

Central Coast Express Advocate



**LET'S TALK
Northern Lakes**

Central Coast Council

We want to hear from you!

Council is inviting the community to talk all things Northern Lakes, San Remo-Budgewoi and Toukley.

Let's Talk will provide a great opportunity to discuss local area matters and learn about Council projects in your region.

We also have a number of projects open for community consultation, including:

- Draft Lake Munmorah Structure Plan
- Draft concept design for the Lake Munmorah Recreation Facility

Comments for the draft Greater Lake Munmorah Structure Plan close on 26 May 2019

GET INVOLVED AND FIND OUT MORE!

Online
Visit yourvoiceourcoast.com/my-place

Drop-in Community Information Sessions

1. **Wednesday 3 April**, 4pm-7pm, Munmorah United Bowling Club (Acacia Ave, Lake Munmorah)
2. **Friday 5 April**, 10am-1pm, Munmorah United Bowling Club (Acacia Ave, Lake Munmorah)

yourvoiceourcoast.com

Wyong Regional Chronicle



LET'S TALK
Northern Lakes

We want to hear from you!

Central Coast Council

Council is inviting the community to talk all things Northern Lakes, San Remo-Budgewoi and Toukley. Let's Talk will provide a great opportunity to provide discuss local area matters and learn about Council projects in your region.

As part of this, Council's **draft Lake Munmorah Structure Plan** is now available for public exhibition with an opportunity for community comments up until Sunday 26 May 2019.

GET INVOLVED AND FIND OUT MORE!

Online at
yourvoiceourcoast.com/my-place

Drop-in Community Information Sessions

1. **Wednesday 3 April 2019**, 4pm-7pm, Munmorah United Bowling Club (Acacia Ave, Lake Munmorah)
2. **Friday 5 April**, 10am-1pm, Munmorah United Bowling Club (Acacia Ave, Lake Munmorah)

yourvoiceourcoast.com

Appendix C

Tweets (various dates)

 **CentralCoastCouncil** @CCoastCouncil · May 1

Find out how Council are planning for projected growth across Greater Lake Munmorah and have your say!

The draft Greater Lake Munmorah Structure Plan is on public exhibition until 26 May 2019.

Visit yourvoiceourcoast.com for more information.



 **CentralCoastCouncil** @CCoastCouncil · Apr 2

LET'S TALK NORTHERN LAKES....Come along to this week's drop-in community sessions (Wed 3 Apr, Fri 5 Apr) to talk all things Northern Lakes, San Remo-Budgewoi and Toukley. The draft Lake Munmorah Structure Plan is now on public exhibition. More info: ow.ly/vr7p30ohSaV



Facebook post 5 April 2019



LET'S TALK
Northern Lakes

APR 5 Community Drop-In Sessions – Let's Talk Northern Lakes
Public · Hosted by Central Coast Council

★ Interested

2 Dates · Apr 3 - Apr 5
Event ended about 1 month ago

Munmorah United Bowling Club Limited
Munmorah United Bowling Club Limited Acacia Avenue, Lake Munm... [Show Map](#)

About Discussion

Facebook post 20 April 2019



Central Coast Council
Published by Lesley McAllister [?] · April 20 at 11:03 AM · 🌐

We are inviting our community to have a say on the draft Greater Lake Munmorah Structure Plan, and to submit ideas or suggestions on The Northern Lakes, San Remo-Budgewoi and Toukley Planning Areas.

Visit www.yourvoiceourcoast.com find out more and submit comments using an easy-to-use interactive map.

Comments for the Draft Greater Lake Munmorah Structure Plan close on Sunday 26 May 2019.

HAVE YOUR SAY...

Appendix D

Brochure



Central Coast Council's Draft Greater Lake Munmorah Structure Plan is on public exhibition until 26 May 2019. The plan will set a coherent framework for development, facilitating the future growth and prosperity of the area, and will identify:



- Appropriate development footprints for new residential and employment land, and any relevant staging requirements; and
- Appropriate transport, environmental and open space networks to cater for expected population growth.

To view the Draft Greater Lake Munmorah Structure Plan, find out more and have your say visit yourvoiceourcoast.com or Lake Haven Library before Sunday 26 May, or come along to one of our drop-in information sessions:

Munmorah United Bowling Club
Wednesday 3 April 2019
4pm – 7pm

Munmorah United Bowling Club
Friday 5 April 2019
10am – 1pm

yourvoiceourcoast.com

Distribution area

