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# **ATTACHMENTS**

## **ENCLOSURES**

### **Ordinary Council Meeting**

**18 August 2020**



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**Attachment 1 - Submission Summary and Comments**

**State Agency Submissions**

	Submission	Submission Summary	Council Comment
1	<p><b>Department of Planning, Industry and Environment (Planning) - DPIE</b></p>	<p><b>General</b></p> <p>DPIE congratulates Council for the quality of its LSPS and finds it generally meets the legislative requirements, and is consistent with the SETRP.</p> <p>Council's draft LSPS does not appear to be inconsistent with the Department's LSPS Guideline. Council could, however, consider including a map which presents an overview of where the planning priorities lie within the LGA and include where strategic planning work and potential change may occur (pp 7, 14-15 of the Guideline).</p> <p><b>Specific</b></p> <p><b>Section 1 Introduction and purpose</b></p> <ul style="list-style-type: none"> <li>• page 1 – Should read "South East <u>and</u> Tablelands Regional Plan 2036"</li> </ul> <p><b>Section 5 Goulburn Mulwaree Demographics</b></p> <ul style="list-style-type: none"> <li>• pp 7-10 – the graphics need to be realigned to fit the page.</li> <li>• the 35-59 year demographic appears to be missing from the graphic on p. 10.</li> </ul> <p><b>Section 6 Goulburn Mulwaree Strategic Context</b></p> <ul style="list-style-type: none"> <li>• The section heading should read "strategic".</li> <li>• Suggest adding local government services to second paragraph.</li> <li>• The Regional Plan map provided on pp 13-14 is difficult to read. Suggest combining the two halves into one and present in landscape format.</li> <li>• Suggest including words in this section that link with the Regional Plan Map. There could also be reference provided to the Regional Plan narrative for Goulburn Mulwaree.</li> </ul> <p><b>Section 7 Planning Priorities</b></p> <ul style="list-style-type: none"> <li>• Priorities and actions could be numbered for easier reference.</li> <li>• Priority - Primary Industry p.30 – clarify meaning of "Identify and protect extractive resources and associated haulage routes; <u>note in the DCP</u> as areas where residential development/access is to be avoided".</li> <li>• Priority – Sustainability p.36 – Planning Principle 1 - consider including reference to also improving industry and business energy and water efficiency.</li> </ul>	<p>DPIE congratulations noted.</p> <p>Council has since adopted the Urban and Fringe Housing Strategy and can add some mapping in relation to housing and potentially to identify the extent of rural areas and villages to be subject to further strategies/study. Much of the comment in the LSPS relates to the need for further work which will inform planning, this is quite extensive and will become potentially meaningless if mapped.</p> <p>Agreed.</p> <ul style="list-style-type: none"> <li>• Noted</li> <li>• Agree - to be corrected.</li> </ul> <ul style="list-style-type: none"> <li>• Agreed- to be corrected.</li> <li>• Agreed - to be corrected.</li> <li>• Map layout to be reviewed, it is designed to be read as a two page spread.</li> <li>• Additional wording around Regional Plan narrative to be included in this section.</li> </ul> <ul style="list-style-type: none"> <li>• Agree – introduce numbers for priorities and actions.</li> <li>• Agree - clarify meaning of "Identify and protect extractive resources and associated haulage routes... <u>note in the DCP</u>".</li> </ul>



	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>Priority - Hazards p 37 – consider including current bushfire and flood prone land maps.</li> <li>P.38 - Consider including as a planning principle that local hazard risk assessments inform land use planning decisions so as not to increase the population at risk and the demand on Emergency Services personnel and volunteers.</li> </ul>	<ul style="list-style-type: none"> <li>Agree – Sustainability - include reference to also improving industry and business energy and water efficiency.</li> <li>Planning Priority Hazards – Currently the bushfire prone land map covers almost the whole LGS except for the Goulburn township, and, the flood mapping only applies to Goulburn. Given the extent of bushfire mapping and the limitations to flood mapping, I am not sure that the addition of this mapping would be very meaningful especially at a scale that covers the whole LGA?</li> <li>Agree – Priority – Natural Hazards - include as a planning principle that local hazard risk assessments inform land use planning decisions so as not to increase the population at risk and the demand on Emergency Services personnel and volunteers.</li> </ul>
		<p><b>Attachment 1 – Policy Map</b></p> <ul style="list-style-type: none"> <li>Infrastructure - Provide the relevant Regional Plan directions in the 3<sup>rd</sup> column.</li> </ul>	Agreed.
		<p><b>Photos</b></p> <ul style="list-style-type: none"> <li>It would be useful to include place names for photos in the draft LSPS.</li> </ul>	Agreed.
2	<p><b>Transport for NSW - TfNSW</b></p>	<p><b>General</b></p> <p>The comments provided by TfNSW below are to be considered for inclusion in the final version of the LSPS for Goulburn-Mulwaree. <b>TfNSW does not however require the LSPS to be revised or amended to accommodate our comments should Council choose to do so.</b> Rather the comments provide the basis for future collaboration with Goulburn-Mulwaree Council on strategic planning matters, as well as to work with Council on strategic planning matters that have potential interaction or implications to the classified road network.</p> <ul style="list-style-type: none"> <li>Transport for NSW is guided by our long-term transport strategy <a href="#">Future Transport 2056</a> – <i>Future Transport 2056</i> acknowledges the significant role transport plays in delivering movement and place outcomes that support the character of places and communities, and repositions the planning focus towards integrated, multi-modal solutions rather than considering different transport modes in isolation.</li> <li>For Regional NSW, <i>Future Transport 2056</i> is supplemented by the <a href="#">Regional NSW Services and Infrastructure Plan</a> which identifies initiatives for the short (0-10 years), medium (10-20 years) and long term (20+ years). These initiatives have been identified to meet customer needs now and into the future, and support delivery of responsive, innovative services and infrastructure. A full list of initiatives from <i>Future Transport 2056</i> is broken down by Local Government Area (LGA) in the attached PDF.</li> </ul>	<p>Noted.</p> <p>Noted.</p> <p>Noted.</p>

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		<ul style="list-style-type: none"> <li>The Strategy is further enhanced by more focussed, issues-based supporting plans, such as the <a href="#">NSW Road Safety Plan 2021</a>, the NSW <a href="#">Freight and Ports Plan 2018-2023</a>, and the <a href="#">Heavy Vehicle Access Policy Framework</a> which help to further embed Future Transport 2056 across NSW.</li> </ul>	Noted.
		<ul style="list-style-type: none"> <li>Page 5, Goulburn-Mulwaree Demographics – updated DPIE population projection for Goulburn-Mulwaree shows the LGA population forecast to increase by 3,250 people between 2016 (30,250) and 2041 (33,500). Recommend population projections be updated to reflect the updated DPIE projection (see <a href="https://www.planning.nsw.gov.au/-/media/Files/DPE/Factsheets-and-faqs/Research-and-demography/Population-projections/2019-Goulburn-Mulwaree.pdf">https://www.planning.nsw.gov.au/-/media/Files/DPE/Factsheets-and-faqs/Research-and-demography/Population-projections/2019-Goulburn-Mulwaree.pdf</a>).</li> </ul>	Disagree, the DPIE projections published are the “low projections” for Goulburn Mulwaree which do not align with the estimated resident population data from the ABS (which is currently 31,132 people in 2019) nor with Forecast i.d. data.
		<ul style="list-style-type: none"> <li>Page 17, Planning Priority 1, Planning Principles, 1<sup>st</sup> Dot Point – TfNSW recommends Council consider expanding this Planning Principle to include protection of freight corridors given they are essential to the transportation of goods and services. This amendment would ensure consistency with Action 11.3 of DPIE’s <i>South East and Tablelands Regional Plan 2036</i> (Action 11.3 – Limit inappropriate adjoining development and direct access points along strategic transport links including the Hume, Federal, Illawarra, Barton and Kings Highways).</li> </ul>	Agree – Infrastructure – Planning Principles include freight corridors (in addition to haulage routes) as infrastructure to be protected.
		<ul style="list-style-type: none"> <li>Page 18, Planning Priority 1 (Actions – Council General) – “Advocate for State to improve public transport timetables for bus and rail to Sydney and Canberra” – TfNSW would be keen to work collaboratively with Council to address this Action.</li> </ul>	Noted – this would be a positive start towards a more serviceable timetable.
		<ul style="list-style-type: none"> <li>Page 19, Planning Priority 2, 5th Paragraph – “Encouraging additional residential development within the CBD will assist to revitalise the centre, make better use of existing infrastructure and provide a greater range of dwelling types which are less reliant on private transport” – TfNSW strongly supports Council’s ambition to encourage additional residential development within the CBD to better position housing within walking and cycling distance of key essential services like shops, medical centres, schools and recreational facilities.</li> </ul>	Noted.
		<ul style="list-style-type: none"> <li>Page 21, Planning Priority 2, Planning Principles, 3<sup>rd</sup> Dot Point – TfNSW supports Council proposing to undertake place-based planning within the towns and villages of Goulburn-Mulwaree and recommends utilising the ‘Movement and Place’ Framework to better balance the movement of people and goods with the amenity and quality of places within the the towns and villages. Further information on the Framework, including the recently-released <i>Practitioner’s Guide to Movement and Place</i>, is available at <a href="https://www.governmentarchitect.nsw.gov.au/guidance/movement-and-place">https://www.governmentarchitect.nsw.gov.au/guidance/movement-and-place</a>.</li> </ul>	Noted, this advice will be used as a part of the Strategy development.
		<ul style="list-style-type: none"> <li>Page 22, Planning Priority 2, Actions – Council General, 1<sup>st</sup> Dot Point – TfNSW supports Council initiatives to promote Goulburn-Mulwaree as a destination and recommend that Council consider application of the <a href="#">NSW Tourism and Transport Plan, a key supporting plan of the Future Transport 2056</a>, to understand how transport services and infrastructure can support and enhance existing tourism as well as create new economic development opportunities.</li> </ul>	Noted.

	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>Page 22, Planning Priority 2, Actions – Council General, 3<sup>rd</sup> Dot Point – TfNSW recommends Council consider the <a href="#">application of the</a> Government Architect NSW-developed <i>Draft Urban Design for Regional NSW</i> Guide and the 'Movement and Place' Framework to help inform and maintain character in towns and places.</li> </ul>	<p>Noted. These documents will be used to guide the development of the revised DCP and precinct planning. No change to the LSPS is recommended.</p>
		<ul style="list-style-type: none"> <li>Page 19-22, Planning Priority 2 – TfNSW recommends that the LSPS also consider local freight access to, from and within the Goulburn CBD. Efficient movement of freight requires a strategy that integrates it with the efficient movement of people, especially in and around the town centre whilst protecting urban amenity and freight access.</li> </ul>	<p>Noted.</p>
		<ul style="list-style-type: none"> <li>Page 24, Planning Priority 3, Planning Principles, 5<sup>th</sup> Dot Point – TfNSW recommends that for any new residential development proposed on the periphery of existing towns and villages, consideration should be given to whether future residents can access essential services like retail, employment, education and medical services by walking, cycling and public transport to avoid total reliance on private vehicle transport.</li> </ul>	<p>Noted - within Goulburn (the main urban centre) retail, employment, education and medical services are relatively centralised.</p> <p>Council has undertaken an expansive program of constructing walking paths and cycle ways, along the two rivers, providing a high level of connect within Goulburn. Council is also currently updating its bicycle strategy which will also aim to further increase connectivity.</p> <p>The recently adopted <i>Urban and Fringe Housing</i> has identified residential growth areas which are contiguous to the existing town in order to focus residential development on serviced areas. Thereby allowing for logical extensions to existing bus routes and cycle ways etc.</p> <p>GMLEP 2009 is relatively flexible with its land use zones, providing for shops, medical centres, education facilities etc. outside the CBD, however, take up of these provisions by the market tends to be limited.</p> <p>This principle is more related to planning around open space where as this issue pertains more to the Planning Priority for housing and vision in the <i>Urban and Fringe Housing Strategy</i> which includes: "opportunities for walking and cycling" as well as "maximising the use of existing infrastructure".</p>
		<ul style="list-style-type: none"> <li>Page 24, Planning Priority 3, Actions – Council General, 1<sup>st</sup> Dot Point – TfNSW supports Council's commitment to investigate funding opportunities for a Rail Trail between Goulburn and Crookwell and we would be keen to work collaboratively with Council on this initiative.</li> </ul>	<p>Noted – Council would appreciate any assistance offered by TfNSW in relation to this initiative.</p>
		<ul style="list-style-type: none"> <li>Page 25-27, Planning Priority 4 – TfNSW recommends that the LSPS also consider the need to avoid the siting of residential development close to the existing or future freight</li> </ul>	<p>Generally the <i>Urban and Fringe Housing Strategy</i> has sought to identify opportunity areas for residential away from the main freight networks. The UFHS mapped</p>

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		<p>network. New or infill developments will need to mitigate against noise and air emissions, as well as vibrations from the freight network if this cannot be avoided</p>	<p>constraints for residential such as main roads, rail, haulage routes.</p> <p>However, some infill in existing areas near the CBD are to be undertaken noting that these developments will require mitigation measures against noise and air emissions, as well as vibrations from the freight network. This is a matter to address in the revised DCP.</p>
		<ul style="list-style-type: none"> <li>• Page 29-30, Planning Priority 5 – TfNSW recommends that the LSPS also consider opportunities to co-locate related primary industry activities to maximise infrastructure utilisation and decrease supply chain costs. This consideration would ensure consistency with Action 5.3 of DPIE’s <i>South East and Tablelands Regional Plan 2036</i> (Action 5.3 – Encourage co-location of related value-added agricultural industries to maximise infrastructure, decrease supply chain costs, increase economies of scale and attract further investment).</li> <li>• Page 30, Planning Priority 5, Actions – “Identify and protect extractive resources and associated haulage routes” – TfNSW recommends expanding this action to seek to protect all freight routes from encroachment by incompatible land uses, not just those associated with extractive resources.</li> <li>• Page 30, Planning Priority 5, Actions – “Identify and upgrade key livestock and freight routes into and out of the LGA” – TfNSW recommends expanding this action to seek to protect all supply chains, not just those associated with the transportation of livestock. Consideration also be given to elevating the status of this action from a medium-term priority to a short-term priority.</li> <li>• Page 31, Planning Priority 6 – TfNSW recommends that the LSPS should identify existing and future industrial zoned land. Council needs to have an adequate supply of industrial land if it wants to take advantage of businesses looking to relocate from Greater Sydney.</li> <li>• Page 32-34, Planning Priority 6 – TfNSW recommends the inclusion of an additional action or plan to develop Goulburn as an inland transport hub to connect the region to local and global markets. Consideration should also be given in the LSPS on how to best leverage access to the Global Gateway of Canberra, as well as the growth opportunities being generated from Greater Sydney.</li> </ul>	<p>Agree - add wording to this extent.</p> <p>Agreed.</p> <p>Agreed, however priority level/ timing is really subject in most instances to gaining grant funding for upgrades. Amend timeframe to short term.</p> <p>Noted. This matter is covered in the <i>Employment Lands Strategy</i> which is recommended for review in the LSPS (as many of its actions are nearly completed).</p> <p>A <i>Transport Freight and Logistics Research Paper</i> was prepared GHD and adopted by Council on 2 October 2018. The purpose of the paper was to identify whether or not Goulburn Mulwaree is positioned to support the growth of the Transport, Freight and Logistics Industry, in accordance with a recommendation from the <i>Employment Land Strategy</i>.</p> <p>The paper did find that Goulburn had a locational advantage for the development of the rail freight industry. However Council ultimately concluded that the only financially viable option for supporting the future growth of the industry would be to simply move forward</p>

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			in delivering the other recommendations of the <i>Employment Land Strategy</i> .
		<ul style="list-style-type: none"> <li>Page 34, Planning Priority 6 – TfNSW recommends the inclusion of an additional action that seeks to protect industrial land uses from encroachment by sensitive land uses.</li> </ul>	Agree, but aligns with the existing principle (p.33) as follows: <i>Manage the interfaces between industrial, rural and urban services land and other uses.</i>
		<ul style="list-style-type: none"> <li>Page 36, Planning Priority 7 – TfNSW recommends the inclusion of an additional action that seeks Council alignment with the NSW Government’s <i>Net Zero Plan Stage 1: 2020-2030</i> which commits NSW to a 35% cut in emissions by 2030 compared to 2005 levels (see <a href="https://www.environment.nsw.gov.au/topics/climate-change/net-zero-plan">https://www.environment.nsw.gov.au/topics/climate-change/net-zero-plan</a>). The Plan provides the foundation for NSW’s action on climate change and over-arching goal to reach net zero emissions by 2050.</li> </ul>	Noted. This is a State initiative, and whilst this goal is supported, the leadership on this is considered to be a State area of responsibility given the capacity issues of Council to deliver on such a target. The LSPS is aiming to support sustainability within Council’s current capacity.
		<ul style="list-style-type: none"> <li>Page 36, Planning Priority 7 – TfNSW recommends Council consider the inclusion of an additional action that proposes development of a <i>Future Fleet Strategy</i> for the Goulburn-Mulwaree LGA to guide Council on how best to approach a future fleet that will comprise electric and hydrogen-powered vehicles, as well as connected and autonomous vehicles. TfNSW would be keen to work collaboratively with Council to develop a <i>Future Fleet Strategy</i>.</li> </ul>	Noted. This may be a bit aspirational at this stage given the relative cost of these types of vehicles. Council has an ongoing operational review of its fleet which can include consideration of future fleet. This would appear to be a commitment which at this stage Council could not fund.
		<ul style="list-style-type: none"> <li>Page 40, Planning Priority 9, Actions – “Review Goulburn Main Street Study” – TfNSW recommends Council consider the <a href="#">application of the</a> Government Architect NSW-developed <i>Draft Urban Design for Regional NSW</i> Guide and the ‘Movement and Place’ Framework to help inform the review of the <i>Goulburn Main Street Study</i>.</li> </ul>	Noted, advice to be applied at time of review.
		<p><i>General Comments – Road Safety</i>                      TfNSW encourages Council to consider how the following road safety issues can be considered in the LSPS and other strategic planning documents:</p>	Noted.
		<ul style="list-style-type: none"> <li>Ensuring that areas with identified high risk of run-off-road and fatigue related crashes on the high speed and regional road network consider key treatments as per the Saving Lives on Country Roads initiative of the <i>NSW Road Safety Plan 2021</i>.</li> </ul>	Suggested reference material noted.
		<ul style="list-style-type: none"> <li>Ensuring that walking and cycling connections are prioritised and supported by safe facilities aligned with Safe System principles as per the Liveable and Safe Urban Communities initiatives of the <i>NSW Road Safety Plan 2021</i>. Austroads Research Report (AP-R611-20) ‘<a href="#">Integrating Safe System with Movement and Place for Vulnerable Road Users</a>’ can assist council practitioners with applying Safe System thinking to a Movement and Place context: There is also a webinar to support this Report at <a href="https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users">https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users</a>.</li> </ul>	Suggested reference material noted.
		<ul style="list-style-type: none"> <li>Ensuring that walking and cycling connections are prioritised and supported by safe facilities aligned with Safe System principles as per the Liveable and Safe Urban Communities initiatives of the <i>NSW Road Safety Plan 2021</i>. Austroads Research Report (AP-R611-20) ‘<a href="#">Integrating Safe System with Movement and Place for Vulnerable Road</a></li> </ul>	Suggested reference material noted.



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		<p><a href="https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users">Users'</a> can assist council practitioners with applying Safe System thinking to a Movement and Place context. There is also a webinar to support this Report at <a href="https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users">https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users</a>.</p>	
		<ul style="list-style-type: none"> <li>Austroads has published a Research Report to guide Local Government on developing and implementing road safety management frameworks according to Safe System principles. The Report (and recording of associated webinar) can be downloaded on the Austroads website free at <a href="https://austroads.com.au/latest-news/targeted-road-safety-guidance-for-local-government">https://austroads.com.au/latest-news/targeted-road-safety-guidance-for-local-government</a>.</li> </ul>	Suggested reference material noted.
		<p><i>General Comments – Freight</i></p> <ul style="list-style-type: none"> <li>TfNSW recommends the LSPS should demonstrate alignment with the NSW Freight and Ports Plan 2018-2023 (<a href="https://future.transport.nsw.gov.au/plans/nsw-freight-and-ports-plan-2018-2023">https://future.transport.nsw.gov.au/plans/nsw-freight-and-ports-plan-2018-2023</a>) and NSW Heavy Vehicle Access Policy Framework (<a href="https://www.transport.nsw.gov.au/operations/freight-hub/heavy-vehicle-access-policy-framework">https://www.transport.nsw.gov.au/operations/freight-hub/heavy-vehicle-access-policy-framework</a>).</li> </ul>	Noted.
		<ul style="list-style-type: none"> <li>TfNSW recommends the LSPS should include a map that highlights any significant freight corridors within the Goulburn-Mulwaree LGA (including key National, State, Regional and local roads, and railways), as well as any major freight generators within the LGA such as Goulburn Intermodal Terminal, Boral Marulan South and Peppertree Quarry, Holcim Lynwood Quarry, Woodlawn Bioreactor and Woodlawn Zinc and Copper Mine – this will allow for greater clarity and consistency in land use planning and decision-making.</li> </ul>	This would be a useful exercise and could be incorporated in the DCP review. The DCP currently has a section on buffers to certain types of development which could be expanded to include the identification of various freight corridors.
		<ul style="list-style-type: none"> <li>TfNSW recommends the LSPS should identify any constraints on the freight network and any proposed upgrades.</li> </ul>	This is a good idea but will require further research which at this stage, given the LSPS deadlines, will not be able to be provided in the required timeframe.
		<ul style="list-style-type: none"> <li>TfNSW recommends that the LSPS should consider the need to protect essential rail infrastructure, such as Goulburn Yard, Goulburn Maintenance Facility and Goulburn Intermodal Terminal, from encroachment by sensitive land uses to support their ongoing use. Freight rail yard noises tend to be frequent and of longer duration and typically includes idling locomotives, shunting, brake squeal, wagons bunching, loading and unloading, air release from compressors, train horns, continuous noise from processing and maintenance activities, intermittent bangs and clunks.</li> </ul>	Expand dot point 1 in Infrastructure – Planning Principles (p.17) to include essential rail infrastructure also.
		<ul style="list-style-type: none"> <li>TfNSW recommends Council consider the inclusion of an additional action that seeks to work collaboratively with TfNSW to establish the need for, and location of, additional heavy vehicle rest areas along major freight road corridor.</li> </ul>	This is more of a State priority, nonetheless Council would be willing to work within TfNSW on this initiative.
		<p><i>General Comments – Place-making</i></p> <ul style="list-style-type: none"> <li>Council should consider how TfNSW-owned land in the Goulburn-Mulwaree LGA can support the place-making outcomes, enhance transport outcomes and contribute to the economic development, employment and housing opportunities identified in the Draft LSPS including through the preparation of the strategies and the LEP review process.</li> </ul>	Noted.

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3	<b>Heritage NSW</b>	<p>Heritage NSW supports many of the initiatives in Goulburn Mulwaree Council's LSPS, including:</p> <ul style="list-style-type: none"> <li>• consultation with the local Aboriginal community in preparation of studies and assessments</li> <li>• preparation of an updated Heritage Strategy</li> <li>• reviewing Council's Local Environmental Plan (LEP) and Development Control Plan (DCP) to ensure incentives to encourage adaptive reuse of heritage items</li> <li>• preparation of a Cultural Heritage Landscape Strategy</li> <li>• undertaking an inventory and maintenance program for Council owned heritage assets to assist with grant applications for maintenance</li> <li>• continuing to maintain a Local Heritage Grant Scheme and Main Street Heritage Grants</li> <li>• working with landowners to identify appropriate adaptive reuse opportunities for heritage sites, particularly large significant sites which are currently vacant, and</li> <li>• continuing to participate in the Local Heritage Advisor Program with Heritage NSW.</li> </ul> <p>Suggested changes are:</p> <ul style="list-style-type: none"> <li>• If the relevant Aboriginal communities and/or groups have not already been consulted about the content of the LSPS, this should be done prior to the LSPS being finalised.</li> <li>• Council has identified preparation of a Cultural Heritage Landscape Strategy. It is unclear whether this is an Aboriginal Cultural Heritage (ACH) Landscape Strategy or refers to broader cultural heritage. The Strategy should be prepared as a matter of priority and used to inform amendments to Council's LEP to protect both Aboriginal and non-Aboriginal cultural landscapes</li> <li>• consider the linkages between culture, heritage and tourism, and the opportunities culture and heritage bring for economic growth</li> <li>• further articulating heritage as it relates to local character, including potentially identifying clusters of places and items which contribute to the significant character of the place, and</li> <li>• consider the linkages between actions and priorities, e.g. the ways in which heritage and culture contribute to attractive and liveable places, local employment and community wellbeing.</li> </ul>	<p>Heritage NSW support noted.</p> <p>Both the Pejar Local Aboriginal Land Council and Mulwaree Community groups were included specifically in the notification of this document but no submissions were received.</p> <p>This is intended to be a broader strategy to protect both Aboriginal and non-Aboriginal cultural landscapes. This can be made clearer in the LSPS.</p> <p>Since the preparation of the Draft LSPS Council has participated in the preparation of a <i>Goulburn Mulwaree Destination Action Plan 2020 – 2025</i>, in partnership with Destination Southern NSW.</p> <p>The Plan identifies heritage and arts as key opportunity area for the Goulburn visitor economy. The industry and economy priority and the heritage priority areas of the LSPS should be updated to incorporate this.</p> <p>To a certain extent this has already been undertaken within the Heritage Study and Heritage Study Review 2018. This is also reflected in the identification of Heritage Conservation Areas and items within the LEP.</p> <p>Some wording around this suggestion can be added to the Industry and Economy Section which should also be updated to include some information/findings from</p>

	Submission	Submission Summary	Council Comment
			the <i>Goulburn Mulwaree Destination Action Plan 2020 – 2025</i> . <i>Tourism as a specific opportunity should also be added to this section as currently the LSPS mainly refers to agricultural – tourism opportunities.</i>
4	<b>Department of Planning, Industry and Environment (Climate Change)</b>	<p><b>General</b> The Climate Resilience and Net Zero Emissions Branch supports the inclusion of climate change resilience and emissions reduction actions in the Planning Priorities for Goulburn Mulwaree Council's LSPS.</p> <p><b>Specific</b> The Branch recommends that Goulburn Mulwaree Council also consider the following suggested changes and actions within their Local Strategic Planning Statement:</p> <p><b>Climate change information p35 and p38</b> There are some slight errors in the stating of your climate change projections. Please replace the following sections: p35 Your text: Temperature is the most reliable indicator of climate change, and across the South East and Tablelands Region all of the models agree that average, maximum and minimum temperatures are increasing. Our comment: the models don't comment on past and current temperatures but provide projections for the future. A good reference for observed climate change in Australia is <a href="http://www.bom.gov.au/state-of-the-climate/australias-changing-climate.shtml">http://www.bom.gov.au/state-of-the-climate/australias-changing-climate.shtml</a>. Alternatively change your statement to: Across the South East and Tablelands Region average, maximum and minimum temperatures are expected to increase in the near (2020-2039) and far (2060-2079) future.</p> <p>p38 Your text: Whilst rainfall is expected to decrease over time, the intensity of rain fall is expected to increase which has the potential to affect flooding. Suggested change: Projections for the region's annual average rainfall span both drying and wetting scenarios for the near and far future. However, all models agree that spring rainfall will decrease. Rainfall changes are also associated with changes in the extremes, which could affect the severity of flood and drought.</p> <p>The Branch recommends that Goulburn Mulwaree Council consider the following additional actions within their Local Strategic Planning Statement:</p> <p><b>Planning Statement: City Town and Village Centres p19</b> Consider including the following actions:</p> <ul style="list-style-type: none"> <li>Consider and implement a range of urban design and land use planning strategies to create healthy built environments utilising the Urban Design for Regional NSW guidance from Government Architect NSW. To minimise heat in local government areas consider action in <i>Minimising the Impacts of Extreme Heat: A guide for Local Government</i>.</li> </ul>	<p>DPIE support noted.</p> <p>Noted.</p> <p>p.35 Amend LSPS to read: "Across the South East and Tablelands Region average, maximum and minimum temperatures are expected to increase in the near (2020-2039) and far (2060-2079) future."</p> <p>Agree to change.</p> <p>Agree add action: Consider and implement a range of urban design and land use planning strategies to create healthy built environments. Add to related plans and policies: - Urban Design for Regional NSW, NSW Government Architect.</p>



	Submission	Submission Summary	Council Comment
		<p><b>Planning Statement: Natural hazards p37</b>                      Consider including the following actions:</p> <ul style="list-style-type: none"> <li>• Consider updated climate change information and monitor and report to the community on progress against climate resilience and net zero goals.</li> <li>• Help communities and businesses to understand and respond to climate related risks and opportunities by providing climate information, building capacity and unlocking financial mechanisms to help fund emission reductions and climate adaptation. (Action 17.4, South East and Tablelands Regional Plan).</li> </ul>	<p>- <i>Minimising the Impacts of Extreme Heat: A guide for Local Government.</i></p> <ul style="list-style-type: none"> <li>• Consideration of updated climate information should be an ongoing matter in any Council decision making. This should be added as a planning principle (p.38). The monitor and reporting aspect seems quite broad and may be difficult to achieve. Council already uses the services of Planet Footprint to monitor its own activities but does not have the scope at this point to monitor community outputs and will be reliant on the State for the time being to undertake this role.</li> <li>• Currently the State is better positioned to undertake this action. Council does not have any dedicated staff in this area. Council has identified that it will undertake certain actions within its capabilities such as around natural hazards i.e. flooding, bushfire etc. This would include assisting communities to understand these impacts through planning. However, unlocking financial mechanisms to help fund emission reductions is considered outside Council's scope at this point in time with reliance upon the State for this role being likely at this point in time. However, this is a matter that could be considered in future reviews of the LSPS.</li> </ul>
		<p><b>Planning Statement: Natural Environment p41</b>                      Consider including the following action:</p> <ul style="list-style-type: none"> <li>• Protect, enhance and increase natural and green spaces by considering ecosystem change and species shift from climate change, and applying ecosystem adaptation into strategic planning and land protection.</li> <li>• Locate, design, construct and manage new developments to minimise impacts on water catchments, including downstream impacts and groundwater sources. (Action 18.1 South East and Tablelands Regional Plan)</li> </ul>	<ul style="list-style-type: none"> <li>• Disagree - in a practical sense it is hard to envision how Council will apply such an action at the present time.</li> <li>• Agree add action:  <i>Locate, design, construct and manage new developments to minimise impacts on water catchments, including downstream impacts and groundwater sources.</i></li> </ul>
		<p><b>Planning Statement: Sustainability p35</b>                      Consider including the following actions:</p>	<ul style="list-style-type: none"> <li>• This matter is considered to be outside Council's scope at this point in time with reliance upon the State for this role being likely to continue in the short</li> </ul>

	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>Assess community carbon emissions and develop and implement a plan to reduce emissions in consultation with the community. Consider including the Goulburn Mulwaree emissions profile available at <a href="https://snapshotclimate.com.au/locality/australia/new-south-wales/goulburn-mulwaree/">https://snapshotclimate.com.au/locality/australia/new-south-wales/goulburn-mulwaree/</a></li> </ul> <p><i>Planning Statement: Primary Industry</i></p> <p>Consider including the following actions noted in the South East and Tablelands Regional Plan under <i>Direction 6: Position the region as a hub of renewable energy excellence</i>, such as:</p> <ul style="list-style-type: none"> <li>Encourage the co-location of renewable energy projects to maximise infrastructure, including corridors with access to the electricity network (Action 6.3)</li> <li>Promote best practice community engagement and maximise community benefits from renewable energy projects (Action 6.4)</li> <li>Promote appropriate smaller-scale renewable energy projects using bioenergy, solar, wind, small-scale hydro, geothermal or other innovative storage technologies. (Action 6.5)</li> </ul> <p>Consider referring to climate change data and assess the impact on tourism and agriculture via increased temperatures, number of hot days, fewer cold nights, changes to rainfall leading to more extreme floods and droughts, and changes to fire weather. Use the 'Large regional towns', 'Agricultural service centres', 'Extensive grazing', 'Agricultural service centres', 'Potable water supply', 'Off-reserve conservation', 'Public land management' and 'Emergency management' transition models outlined in the <i>Enabling Adaptation in the South East report (2017)</i> to generate further actions to increase climate readiness.</p>	<p>term. However, this is a matter that could be considered in future reviews of the LSPS.</p> <ul style="list-style-type: none"> <li>Agree to include as a planning principle - <i>the co-location of renewable energy projects should occur where possible in order to maximise infrastructure, including corridors with access to the electricity network.</i></li> <li>With regard to the promotion of best practise community engagement – this is a separate area in itself and in accordance with the legislated requirements, Council has adopted a Community Consultation Plan and a review of the Community Engagement Strategy under the Community Strategic Plan is likely to occur after the Council elections next year. In relation to maximising community benefits of renewable energy projects this could also be added to the DCP.</li> <li>Whilst Council is willing to support smaller scale renewable energy projects (as appropriate), the promotion of these is possibly a matter for the State with consideration in the DCP rather than specifically in the LSPS for additional discussion in relation to energy efficiency benefits from smaller scale renewable energy projects.</li> </ul> <p>Noted.</p>
5	<p><b>Department of Planning, Industry and Environment (Aboriginal Cultural Heritage Values)</b></p>	<p>The submission strongly supports (pages 39 and 40). The challenge of promoting heritage as an opportunity rather than a constraint to development is noted and commends Council for maintaining planning provisions to protect and conserve heritage items and conservation areas. The action to ensure consultation is undertaken with the Aboriginal community during the preparation of any studies and assessments is supported.</p>	<p>DPIE support for the planning principles and actions set out for Heritage is noted.</p> <p>Note: In relation to Aboriginal Places and State Heritage Listings - these matters are now regulated by Heritage NSW within the Department of Premier and Cabinet. Refer to other comments from Heritage NSW in the submission table.</p>

	Submission	Submission Summary	Council Comment
		<p>Supports the principle to preserve Aboriginal heritage and culture at both the strategic and development assessment stages of planning. This complements the actions outlined in Direction 23 of the <i>South-East and Tablelands Regional Plan 2036</i>. Early assessment and consultation provide both up front measures to avoid or mitigate impacts to cultural values and greater certainty for stakeholders in any development assessment process.</p> <p>Recommends any review of the LEP and DCP provisions also provides an opportunity to review the 2012 <i>Goulburn Mulwaree LGA Aboriginal Heritage Study</i>. The principle to undertake a Cultural Heritage Landscape Strategy could be used to map and list sensitive values as heritage conservation areas during any review of the LEP. We can support Council's priorities and actions related to Aboriginal cultural heritage values through assistance with data sharing and technical advice.</p>	<p>Noted.</p> <p>Noted – to be considered at the time of review, furthermore, a review of the 2012 <i>Goulburn Mulwaree LGA Aboriginal Heritage Study</i> may be subject to resourcing capacity.</p>
6	<p><b>Department of Planning, Industry and Environment (Biodiversity)</b></p>	<p><b>General</b> Overall, the LSPS has aligned well with the principles and directions set out in the <i>South East and Tablelands Regional Plan</i> for matters relating to floodplain risk management, climate change, Aboriginal cultural heritage and biodiversity.</p> <p><b>Specific (Environment)</b> Strongly supports Council's proposed action to update the mapping in the Biodiversity Strategy. This will assist Council in addressing the <i>South East and Tablelands Regional Plan 2036</i> (the Regional Plan), in particular Directions 14, 15, and 28.</p> <p>Areas of validated High Environmental Value land should be protected by environmental zoning. This is supported by Action 14.2 of the Regional Plan which requires that areas of validated high environmental value lands are protected in local environmental plans.</p> <p>The Biodiversity Strategy should be informed by the most up to date validated mapping and encompass all areas of high environmental value land.</p> <p>Once developed, the Biodiversity Strategy can then be used to develop the Plans of Management for natural areas, including parks and areas of cultural significance. It should be used to further inform the remaining strategies that council is developing including the Urban and Fringe Housing Strategy, Villages Strategy, Agriculture and Resource Lands Strategy. The biodiversity strategy would also be useful for any land use zonings changes and updating the Local Environmental Plan (LEP) in due course.</p> <p>We have provided detailed advice on how Council can address the Regional Plan directions in our comments in Table 1 to its submission (refer to full copies of submissions in <b>Attachment 2</b>). [Table 1 generally provides advisory comment on how a review of the Biodiversity Strategy has the potential to inform other planning actions identified in the Draft LSPS. In addition to this the use of High Environmental Land Mapping in the Regional plan to be used to inform planning decisions.]</p>	<p>Noted.</p> <p>DPIE support for updated mapping for the Biodiversity Strategy is noted.</p> <p>The advice provided by DPIE is to be taken into consideration with the development of further strategies, planning proposals etc.</p>
7	<p><b>Water NSW</b></p>	<p><b>General</b> WaterNSW is generally supportive of the LSPS, as it incorporates consideration of the Sydney drinking water catchment (SDWC) and includes a number of actions that will help</p>	<p>Noted.</p>

	Submission	Submission Summary	Council Comment
		<p>protect water quality over the long term. Our submission has been prepared taking into account the roles and responsibilities of WaterNSW as raised above, and elaborates further on the water-related initiatives proffered in the LSPS. There are also opportunities for the water-related initiatives of the LSPS to be informed by the <i>Shaping Goulburn Mulwaree's Water Sensitive Future</i> (September 2019) report which was sponsored by WaterNSW in partnership with Council.</p>	
		<p><b>Specific</b>  <b>Chapter 2 – Consultation</b>                      The LSPS could include reference to the community consultation undertaken regarding the 'Shaping a Water Sensitive Goulburn' initiative. This was led by WaterNSW, but with Council as a partnering agency.</p>	<p>Noted, however the themes used when developing the LSPS were those from the consultation of plans listed.</p>
		<p><b>Planning Priority 1 – Infrastructure</b>  <i>Sewerage Infrastructure</i>                      Both Goulburn and Marulan are serviced by water and sewer (page 16). The LSPS indicates that an upgrade to Goulburn's Waste Water Treatment Plant (WWTP) has recently been completed while an upgrade is planned for Marulan. The LSPS may benefit by mentioning that Council is currently exploring effluent reuse option as a possible second phase of work.</p>	<p>The LSPS does refer to potential water reuse in the sustainability actions. The potential for reuse being a second phase for the Goulburn STP can be included in this section (although I think some reuse already occurs i.e. Racecourse etc)</p>
		<p>The LSPS includes a Planning Principle (page 17) which seeks to 'ensure planning decisions protect important infrastructure assets including water, haulage routes, waste and sewerage management facilities from encroachment by more sensitive or unsuitable uses'. WaterNSW supports the intent of this Planning Principle and notes that there is an associated action to manage potential land-use conflicts. However, this provision only applies to existing infrastructure. It does not necessarily secure the incorporation of new infrastructure and services into new development and does not necessarily take into account the location of new infrastructure with respect to environmental values and constraints. The LSPS would benefit by including two additional Planning Principles.</p> <ul style="list-style-type: none"> <li>- Ensure that new development and planning decisions provide adequate infrastructure (water, sewerage, stormwater management) to accommodate new development. This could be supported by the inclusion of an Essential Services clause within the LEP (discussed later).</li> <li>- Ensure planning decisions for new infrastructure take into account environmental values and constraints.</li> </ul> <p>Corresponding actions could also be provided for these two Planning Principles:</p> <ul style="list-style-type: none"> <li>- Review LEP provisions to ensure adequate provisions are made for Essential Services for new development.</li> <li>- Planning decisions at all levels for new infrastructure take into account environmental constraints and values to minimise adverse environmental impacts.</li> </ul>	<p>Agreed add following planning principles to Infrastructure-</p> <ul style="list-style-type: none"> <li>- Ensure that new development and planning decisions provide for adequate infrastructure (water, sewerage, stormwater management) to accommodate new development. This could be supported by the inclusion of an Essential Services clause within the LEP (discussed later).</li> <li>- Ensure planning decisions for new infrastructure take into account environmental values and constraints.</li> </ul> <p>Add corresponding actions:</p> <ul style="list-style-type: none"> <li>- Review LEP provisions to ensure adequate provisions are made for Essential Services for new development.</li> <li>- Planning decisions at all levels for new infrastructure take into account environmental constraints and values to minimise adverse environmental impacts.</li> </ul>

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		<p><i>Stormwater</i></p> <ul style="list-style-type: none"> <li>The LSPS (page 16) notes that Stormwater strategies for Goulburn and Marulan are outdated and require review and potential upgrading. However, we note there is no corresponding action to address this issue. WaterNSW suggests adding the following action to the LSPS:                             <ul style="list-style-type: none"> <li>- Update relevant stormwater management strategies and policies for the Shire.</li> </ul> </li> </ul>	<p>Add action to Infrastructure:</p> <ul style="list-style-type: none"> <li>- Update relevant stormwater management strategies and policies for the LGA.</li> </ul>
		<p><b>Planning Priority 2 – City, Town and Village Centres</b></p> <p>This section of the LSPS may benefit by suggesting the development of an overall urban renewal strategy. This could be based on urban design principles and the Planning Principles listed in the LSPS, but also incorporating water sensitive urban design (WSUD), green spaces, urban plantings, (tree canopy cover), heritage and town character in combination. This could be included as an additional action in the LSPS:</p> <ul style="list-style-type: none"> <li>Develop an urban renewal strategy based on urban planning principles, WSUD, green spaces, and town character.</li> </ul>	<p>The Strategies/Actions identified in the LSPS around a number of different priorities effectively equate to an urban renewal strategy.</p> <p>Actions around LEP/DCP review for housing controls, place based planning, heritage, green spaces etc all effectively results in the same outcome.</p>
		<p><b>Planning Priority 3 – Planning Priority Community facilities, Open Space and Recreation</b></p> <p>WaterNSW notes that the LSPS indicates that Council will continue to provide a series of pathways to link areas of open space. Reference is made to the Riverside Walk and other opportunities to link other facilities including the wetlands, heritage sites, cultural and civic areas.</p> <p>WaterNSW sees an opportunity for community education at these sites regarding importance of waterway and riparian protection for water quality and biodiversity outcomes. To this end, the LSPS could include an additional action:</p> <ul style="list-style-type: none"> <li>Explore opportunities to integrate environmental education with recreation opportunities along the Riverside walk and other environmental areas accessed by the community.</li> </ul>	<ul style="list-style-type: none"> <li>Council is willing to work with Water NSW to achieve this action, but does not see it as a specific role to Council that needs to be included in its LSPS.</li> </ul>
		<p><b>Planning Priority 4 – Housing</b></p> <p>The LSPS identifies that one of the 'Challenges for Land Use' is 'aging infrastructure such as drainage' (page 26). This challenge is relevant to Planning Priority 2 Infrastructure and Action 3 (page 38) that seeks to identify shortfalls in infrastructure for urban drainage. It is also relevant to the proposed updates to the Stormwater management and strategies for Goulburn and Marulan, and urban renewal requirements. This issue should also be considered within the scope and discussions surrounding the proposed Integrated Water Management Study (see later).</p> <p>We note and support the Action 'Adopt, implement and monitor an Urban and Fringe Housing Strategy'. WaterNSW has been made previous representations on the Strategy (Our Ref: D2019/147541). WaterNSW asks to be kept updated on the finalisation of the Strategy.</p>	<p>Agreed, aging infrastructure is a cross over issue between a number of planning priorities. Maybe add reference to Priority 1 – Infrastructure (refer also to Shelter NSW submission in relation to social and public housing being essential infrastructure).</p> <p>Council will advise Water NSW of the progress of the Urban and Fringe Housing Strategy' and its finalisation.</p> <p>Council will consult with Water NSW in the preparation of the Villages Strategy.</p>

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		<p>We note that one of the Actions for Housing is 'Prepare a Villages Strategy, to identify what if any capacity the relevant villages have for further growth'. WaterNSW is supportive of this initiative and would like to be consulted in the development of any 'Villages Strategy' to ensure water quality considerations are given due account.</p> <p><b>Planning Priority 5 – Primary Industry</b>  <i>Sustainable Agriculture.</i></p> <ul style="list-style-type: none"> <li>• The LSPS would benefit by promoting sustainable agriculture within the Primary Industry Priority. This would provide a stronger basis for long-term production and reduce potential risks to land degradation and water quality. We believe that the Planning Principles on page 30 would benefit by expanding dot point 1 to include the concept of balancing environmental values as well as the interests of the community. We also believe that the Planning Principles should include:             <ul style="list-style-type: none"> <li>○ Promote sustainable agricultural programs and projects.</li> </ul> </li> <li>• WaterNSW has a Rural Landscape Program with South East Local Land Services (SE LLS) which promotes sustainable grazing, gully erosion remediation and riparian land protection through grants and training programs. The partnership with SE Local Land Service is also supporting improvements to dairy waste management for dairy farms across the Shire. Council may wish to add an action under the Primary Industry Priority that seeks to:             <ul style="list-style-type: none"> <li>○ Identify opportunities and work with relevant government agencies to promote sustainable agriculture.</li> </ul> </li> <li>• WaterNSW notes and supports the LSPS's Actions 1 and 2 on page 30 requiring preparation of an 'Agriculture and Resource Lands Strategy' and to 'identify potential agricultural resource lands and appropriate buffers in the LEP and update DCP provisions to protect resource land'. WaterNSW asks to be consulted in both these initiatives. WaterNSW also considers that the <i>proposed Agriculture and Resource Lands Strategy</i> should embrace the concept of 'sustainable agriculture'.</li> </ul> <p><i>Soil and Landscape Constraints</i>                      The Primary Industry Priority section would benefit by including a paragraph recognising that the LGA has some significant soil and landscape constraints in certain areas, including soil sodicity, erodibility, salinity, and the susceptibility to gully erosion.</p> <ul style="list-style-type: none"> <li>• Agricultural production needs to be viewed in terms of managing land within its capability. To this end, the 'Challenges for Land Use' at the base of page 29, would benefit by listing an additional point:             <ul style="list-style-type: none"> <li>• Managing agricultural land having regard to soil and landscape constraints including sodicity, soil, erodibility, salinity and susceptibility to gully erosion.</li> </ul> </li> </ul> <p><i>Transition Zones</i></p> <ul style="list-style-type: none"> <li>• The LSPS (page 29) notes that about 9,500ha of the LGA is zoned RU6 Transition. The LSPS proposes a review of the extent of the RU6 Transition zone as a priority (page 29). WaterNSW is supporting of such a review, however, we note that this does not</li> </ul>	<ul style="list-style-type: none"> <li>• Agreed – LSPS can include a reference to sustainable agriculture.</li> <li>• Whilst sustainable agriculture is to be promoted where possible in planning documents., The education around sustainable agriculture really falls outside the land use planning scope of this document and would more readily fit with the role of LLS. Notwithstanding, this this could be a matter for consideration in the update of Council's Rural Living Handbook.</li> <li>• Council will consult with Water NSW in the preparation of an <i>Agricultural and Resource Lands Strategy</i> and in relation to buffers in the LEP.</li> </ul> <p>Agreed. The Primary Industry section to have additional background on soil and landscape constraints and an additional point in the Challenges for Land Use section –</p> <ul style="list-style-type: none"> <li>• Managing agricultural land having regard to soil and landscape constraints including sodicity, soil, erodibility, salinity and susceptibility to gully erosion.</li> </ul> <p>Agree, however this could be a part of the Agriculture and Resource Lands Strategy. Council's preference</p>

	Submission	Submission Summary	Council Comment
		<p>currently translate into a specific action of the LSPS (page 30). WaterNSW suggests that there should be an additional action included in the LSPS:</p> <ul style="list-style-type: none"> <li>○ Review the RU6 Transition zone areas of the LEP to secure land use zoning classifications more reflective of land capability and suitability for rural or residential uses.</li> </ul>	<p>would be to amend this existing action to include a review of Transition Zones such as the RU6 Zone.</p>
		<p><b>Planning Priority 6 – Industry and Economy</b></p> <p>The LSPS (page 34) proposes an action to 'review and update the Employment Lands Strategy 2016'. WaterNSW asks to be consulted in any review of this Strategy as it can strategically influence where industrial lands are located with respect to waterways and flood-prone areas.</p>	<p>Agreed – Council will consult with Water NSW when this review is undertaken.</p>
		<p><b>Planning Priority 7 – Sustainability</b></p> <p>The Sustainability Priority touches on the importance of street trees and green corridors for urban cooling, green grids along the Mulwaree and Wollondilly Rivers, and water reuse for open space areas. Similar sentiments are expressed in the Planning Principles for this section.</p> <ul style="list-style-type: none"> <li>• Council may wish to include discussion of the 'blue grid' (waterway connections such as Wollondilly and Mulwaree Rivers and their tributaries) as distinguished from the green grid.</li> </ul>	<p>Council can look at discussing a "blue grid" also. The LSPS will need some background discussion on this i.e. within drinking water catchment etc and around water sensitive urban design. This is partly raised in the "Natural Environment" Planning priority – see integrated water management strategy action in this section.</p>
		<p>This section would benefit by more explicitly referring to improving stormwater management and the use of WSUD for urban cooling, water reuse, liveability outcomes, water quality protection and to mitigate flash flooding. WSUD potentially brings together many of the stated issues under one umbrella. Improving the use and uptake of WSUD could be incorporated as a Planning Principle to this section.</p> <p>Further to the above we suggest that an additional action could be added to the LSPS:</p> <ul style="list-style-type: none"> <li>• Increase the uptake of WSUD principles including stormwater capture, treatment, and recycling, in new and existing developments and urban designs.</li> </ul> <p>This action would support Action 18.4 of the Regional Plan to 'incorporate water sensitive urban design into development that is likely to impact water catchments, water quality and flows'. It would also help inform updates of the stormwater management strategies and policies including for Goulburn and Marulan, and help drive the adoption of WSUD in new LEP and DCP provisions.</p>	<p>Agree add some additional background comment regarding: improving stormwater management and the use of WSUD for urban cooling, water reuse, liveability outcomes, water quality protection and to mitigate flash flooding.</p> <p>Add action to LSPS:</p> <ul style="list-style-type: none"> <li>• Increase the uptake of WSUD principles including stormwater capture, treatment, and recycling, in new and existing developments and urban designs.</li> </ul>
		<p>We note and support the proposed action to 'Review energy, water and waste provisions in planning provisions'. This action could be made more directive by explicitly stating 'LEP and DCP provisions' rather than generically referring to 'planning provisions'.</p> <p>Any review of the water-related provisions would benefit by an objective of improving water efficiency, water quality and environmental outcomes. WaterNSW makes a number of suggestions at the end of this submission regarding how the water-related provisions of the LEP might be enhanced.</p>	<p>Water NSW support noted. Agree to change to explicitly refer to LEP and DCP provisions (rather than planning provisions).</p>

	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>WaterNSW notes that the LSPS includes as Action 2 on page 36: 'Expand Council's Climate Change Adaption Risk Management Plan to sit under a broader Climate Change Policy to include recommendations for amended planning provisions, to facilitate resilience in building/housing stock to climate extremes, with subdivisions to include measures for urban cooling "connecting to the Green Grid".'</li> </ul> <p>WaterNSW is supportive of this Action and notes that this could link well with stormwater management and WSUD initiatives as described above. We ask that WaterNSW be consulted in the revision to the Climate Change Adaption Risk Management Plan.</p>	<p>Agree – noted that Council is to consult on this matter.</p>
		<p><b>Planning Priority 8 – Natural Hazards</b></p> <p>With regard to flooding considerations, reference could be made to how stormwater also contributes to overland flow and localised flooding. This would help reinforce the need for better stormwater management as an assisting measure to reduce flooding impacts.</p> <p>The Planning Principles for this section could be expanded to include:</p> <ul style="list-style-type: none"> <li>Community awareness regarding emergency responses and plans for natural hazard emergencies</li> </ul>	<p>The LSPS is concerned with land use planning, and is therefore, more focused on community awareness in planning to mitigate the impacts of natural hazards. Actual emergency responses and plans for natural hazards. Actions around emergency responses and plans are addressed in Local Emergency management Plans. Council works with the SES, NSW RFS, NSW Police, NSW Health and Corrective Services on the Local Emergency Management Committee to ensure communication and coordination between responsible agencies for planning around responses to natural hazards.</p>
		<p>WaterNSW supports proposed Action 1 (page 38) that seeks to maintain an updated Floodplain Risk Management Study and Plan for Goulburn City. WaterNSW also notes that there is a proposed action to 'update planning provisions for flooding both within identified flood study areas and generic provisions for areas without flood studies' (page 38). WaterNSW would like to be consulted in this initiative. We would also like to discuss further with Council how flood risk is addressed by current planning provisions and how improved flood risk management and planning may help avert exacerbated water quality impacts during flood events.</p>	<p>Water NSW support is noted and Council is willing to consult with water NSW in relation to any proposed amendments to flood planning provisions.</p>
		<p>Action 3 (page 38) seeks to identify shortfalls in infrastructure for urban drainage where affected by local flooding. WaterNSW suggests that the timeframe for this Action be listed as 'Short' in order to help inform other related stormwater management actions including for the Integrated Water Management Study. Other proposed actions to improve stormwater management and incorporate WSUD in future and existing urban designs, as identified above, will also assist to reduce local flooding impacts.</p>	<p>Council has expanded the scope of the current Goulburn Flood Plain Risk Study and Management Plan to include overland flows to assist with planning around shortfalls in urban drainage. Cardno is also preparing a new drainage Developer Servicing Plan for Goulburn. <b>So there are actions in this area being undertaken in the short term. It is agreed that this action can be changed to short term.</b></p>
		<p><b>Planning Priority 10 – Natural Environment</b></p> <p><i>Sydney Drinking Water Catchment</i></p> <p>WaterNSW notes and supports the recognition of the SDWC within the LSPS on pages 4 and 41. We make the following comments with respect to the information on page 41:</p>	<p>Water NSW support for recognition of the Sydney Drinking Water Catchment in the LSPS is noted.</p>



	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>The LSPS recognises that 'Goulburn Mulwaree is located within the upper Warragamba water catchment and forms a part of the Sydney drinking water catchment'. We suggest this sentence be reworded to state: 'The Goulburn Mulwaree LGA occurs within the Warragamba and Shoalhaven water catchments which form part of the Sydney Drinking Water catchment'. This is because the eastern part of LGA, including the localities of Oallen and Bungonia, are located within the forms part of the Shoalhaven water catchment.</li> <li>We strongly support the statement made regarding that 'development within the catchment is required to have a neutral or net beneficial impact on water quality'. However this sentence should be reworded to read as 'neutral or beneficial effect on water quality as required under State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011'.</li> <li>We support the statement that 'Strategic land use planning provides an opportunity to identify sensitive areas, particularly water courses to ensure appropriate planning provisions are in place to enable the health of waterways to be improved'.</li> </ul>	<ul style="list-style-type: none"> <li>Agreed – change wording.</li> <li>We have tried to keep the language in the LSPS, the NorBE requirement under the SEPP is a given, it is not really necessary to reiterate the legal reference in the LSPS.</li> <li>Noted.</li> </ul>
		<p><i>Other Environmental Matters</i></p> <ul style="list-style-type: none"> <li>The vision for this 'Natural Environment' Priority section is 'Protection and enhancement of the quality of native environments and systems'. We ask Council to consider exchanging the word 'native' for 'natural' as this would include landscapes such as waterways and lakes.</li> <li>We support the LSPS in recognising that urban development and the use of on-site effluent management systems in rural residential dwellings also pose a threat to water quality.</li> </ul>	<ul style="list-style-type: none"> <li>Agree – reword to natural.</li> <li>Noted.</li> </ul>
		<p><i>Waterways and Riparian Protection</i></p> <p>The LSPS (page 41) notes that further clearing for agriculture, gully erosion and rural residential development in agricultural areas is a main threat to remnant vegetation and ecosystem functioning. It also notes that sheep and cattle grazing are one of the major contributors to waterway degradation.</p> <p>As mentioned earlier, WaterNSW has a partnership with SE LLS to promote sustainable grazing, keep stock out of waterways and to remediate gully erosion. WaterNSW also has a partnership arrangement with Australian River Restoration Centre (ARRC) to assist landholders in protecting waterways and riparian areas from grazing impacts. To this end, the LSPS could include an additional action:</p> <ul style="list-style-type: none"> <li>➤ Explore opportunities and work with government agencies to help protect waterways and riparian land from adverse environmental impacts.</li> </ul>	<p>Agreed – add new action – Council General:</p> <ul style="list-style-type: none"> <li>➤ <i>Explore opportunities and work with government agencies to help protect waterways and riparian land from adverse environmental impacts.</i></li> </ul>
		<p>WaterNSW notes that one of the key challenges for land use is waterways management. The Planning Principles for this section include 'Protect waterways and catchments', 'preserve and maintain natural environments' and to 'maintain a balance between growth, development and environmental protection'. We also note Action 3 on page 42 proposes to 'review LEP</p>	<p>Water NSW support noted.</p>

	Submission	Submission Summary	Council Comment
		<p>provisions relating to the management of watercourses'. We strongly support these provisions.</p> <p><i>Integrated Water Management Strategy (IWMS)</i> WaterNSW notes and strongly supports the 4th Action of this section (page 42):</p> <ul style="list-style-type: none"> <li>'Develop an Integrated Water Management Strategy (IWMS) in partnership with Water NSW for Goulburn Mulwaree to inform LEP and DCP provisions and Council capital works projects'.</li> </ul> <p><i>Plans and Handbooks</i> The 'Actions – Council General' section (page 42) identifies several separate initiatives including revisions to a number of planning-related documents. WaterNSW would like to be consulted in the updates of the following documents:</p> <ul style="list-style-type: none"> <li>- The Goulburn Mulwaree Rural Living Handbook</li> <li>- Goulburn Mulwaree Waterways Plan 2014.</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li>The LSPS would benefit by including a collated list of all actions at the beginning or end of the document.</li> <li>It is unclear what the map on page 4 is depicting. It would benefit by a title, key and description.</li> <li>It would be helpful if the Priorities and Actions were numbered for ease of referencing.</li> </ul> <p>The submission goes on to provide specific advice in relation to future LEP and DCP review matters for consideration (this is additional content to the submission issues raised - see full copy of submission in <b>Attachment 2</b>).</p>	<p>Water NSW support noted.</p> <p>Agreed – Council will consult with Water NSW when as a part of review/strategy development.</p> <ul style="list-style-type: none"> <li>A collated list of actions can be added to the LSPS.</li> <li>Map – CRJO map, provide title etc.</li> <li>Numbers can be added <u>but it will need to be made clear that planning priorities are not ranked in order of importance.</u></li> </ul>
8	<b>Department of Primary Industries (Agriculture)</b>	<p>Commends Council for recognizing that Goulburn Mulwaree Shire Council has productive rural land that is important to the economy of the shire and that it is recognised in the maintenance and protection of agriculture and rural zoned lands.</p> <p>Components of the draft LSPS specifically supported include:</p> <ul style="list-style-type: none"> <li>the recognition of and support for agriculture, its contribution to the economy of the Shire, growth potential and infrastructure support;</li> <li>the development of an Agricultural and Resource Lands Strategy to address overlapping resource requirements for the mining and agricultural industries.</li> <li>managing the interface between industrial, rural and urban land as well as the encroachment of residential land into rural areas (including rural residential land use) through Councils draft Urban and Fringe Housing Strategy vision.</li> </ul>	<p>DPI (Agriculture) commendation and support for LSPS is noted.</p>

	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>the review of the transition zone lands (RU6) to consider the range of permissible land uses that are currently restrictive for agriculture. NSW DPI would be interested in providing input into that review.</li> </ul>	
		<p>Goulburn Mulwaree's LSPS position on agricultural and rural land uses has aligned with the <i>South East and Tablelands Regional Plan 2036</i> and specifically Direction 5 - Promoting agricultural innovation, sustainability and value add opportunities, Direction 8 - Protecting important agricultural land and Direction 28 - Managing rural lifestyles.</p>	Noted.
		<p>While the LSPS supports agriculture industry development and growth, there are some regional location advantages and opportunities identified within the document that could further facilitate agricultural business development and innovation in the Shire, specifically:</p> <ul style="list-style-type: none"> <li>Key regional advantages identified in the LSPS (p34) could also apply to agricultural businesses being pushed out from Sydney due to rapid urbanisation. High value industries such as poultry and intensive horticulture could be attracted to the shire.</li> <li>The region has significant experience and reputation in the wool and meat industry. As outlined in the LSPS (p34), it also has good proximity to the proposed second airport in western Sydney and Canberra international airport (for national and international market access) presenting opportunities to develop high end or niche agricultural products, such as garments, fashion design, meat products and processing as potential growth sectors. Specific actions to support those niche agricultural industries in the Shire could present further opportunities for growth.</li> <li>The opportunity to use recycled water and waste, such as composting, as identified in actions on p36, could potentially support intensive horticulture, nurseries or other agricultural industries. Linking waste recycling with agriculture could present diverse and innovative agricultural product opportunities.</li> </ul>	<p>Agreed, review Primary Industry section to include discussion and actions as appropriate in relation to the following points:</p> <ul style="list-style-type: none"> <li><i>Key regional advantages identified in the LSPS (p34) could also apply to agricultural businesses being pushed out from Sydney due to rapid urbanisation. High value industries such as poultry and intensive horticulture could be attracted to the shire.</i></li> <li><i>The region has significant experience and reputation in the wool and meat industry. As outlined in the LSPS (p34), it also has good proximity to the proposed second airport in western Sydney and Canberra international airport (for national and international market access) presenting opportunities to develop high end or niche agricultural products, such as garments, fashion design, meat products and processing as potential growth sectors. Specific actions to support those niche agricultural industries in the Shire could present further opportunities for growth.</i></li> <li><i>The opportunity to use recycled water and waste, such as composting, as identified in actions on p36, could potentially support intensive horticulture, nurseries or other agricultural industries. Linking waste recycling with agriculture could present diverse and innovative agricultural product opportunities.</i></li> </ul>
		<p>NSW DPI supports the value adding potential of agri-tourism through the proposed development of tourism in rural areas to enable farmers to diversify their income. However, care needs to be taken that this does not lead to inflated capital costs preventing primary production expansion, or land use conflict preventing the establishment or extension of existing intensive production businesses.</p>	<p>Add action to Primary Industry Priority aimed at achieving a balance between promoting agri-tourism while maintaining the productive potential of agricultural land.</p>

	Submission	Submission Summary	Council Comment
		<p>An action aimed at achieving the balance between promoting agri-tourism while maintaining the productive potential of agricultural land might assist.</p>	
9	<p><b>The Cancer Institute</b></p>	<p><b>General</b></p> <p>The Cancer Institute NSW (the Institute) is a state government agency responsible for the delivery of the <a href="#">NSW Cancer Plan</a> to reduce the incidence of cancer in NSW and the <a href="#">NSW Skin Cancer Prevention Strategy</a>. The Institute works closely with key stakeholders with health and built environment expertise to reduce the incidence of skin cancer by improving access to adequate shade in NSW. The Institute also promotes healthy lifestyle behaviours, including physical activity, which reduce the risk of certain cancers.</p> <p>The Institute is committed to supporting your Council to reduce skin cancer in your LGA and has prepared the following submission that will:</p> <ol style="list-style-type: none"> <li>1. Outline the importance of well-designed shade for the prevention of skin cancer</li> <li>2. Explain the role of local policy in shade provision and skin cancer protection</li> <li>3. Offer specific suggestions regarding your draft LSPS</li> <li>4. Provide further information and contacts to assist your LGA in planning for good quality shade.</li> </ol> <p>The submission provides advice on skin cancer, cause effect, relevant publications etc (refer to the full copy of submission in Attachment 2).</p> <p><b>Specific suggestions regarding Council's draft LSPS</b></p> <p>The Institute recognises the LSPS as the key strategic land use planning document for your LGA for the following 20 years, and hence considers it vital to include within it specific references to shade provision.</p> <p>The <a href="#">example LSPS text relating to shade provision</a> (click hyperlink to be taken to document) provides detailed suggestions to assist you in finalising your LSPS. The example text outlines:</p> <ul style="list-style-type: none"> <li>• Why shade (both natural and built) is important</li> <li>• The co-benefits of well-designed shade and green spaces</li> <li>• What is well-designed shade?</li> <li>• Detailed LSPS actions relating to review of DCPs, consideration of shade in specific types of DAs and public infrastructure assessment, and commitment to shade provision in Council projects and infrastructure provision.</li> </ul> <p>The Institute also suggests that in the LSPS section relating to <b>natural hazards</b>, that Council add a specific Priority:</p> <p><i>"Recognise ultra-violet (UV) radiation from the sun as a natural hazard in the LGA and respond to the mitigation of this hazard".</i></p> <p>Accompanying Actions to this Priority could be:</p>	<p>Noted.</p> <p>Agree - add to <i>Planning Priority - Natural Hazards</i> additional background wording:</p> <p><i>Ultra-violet (UV) radiation is a type of natural hazard. At least 95 per cent of melanoma skin cancer and 99 per cent of non-melanoma skin cancers are caused by overexposure to UV radiation from the sun. Well-designed and correctly positioned shade, from both natural vegetation and built structures, can reduce exposure to UV radiation by up to 75 per cent. Council can assist in the provision of shade throughout its public and open spaces, and can require its provision in relevant private developments.</i></p> <p>Additional Planning Principle:</p>

	Submission	Submission Summary	Council Comment
		<ul style="list-style-type: none"> <li>• <i>“Plan and budget for well-designed and correctly positioned shade, from both natural vegetation and built structures, throughout public areas in the LGA.</i></li> <li>• <i>Update the Development Control Plan to require the provision of well-designed and correctly positioned natural and built shade in relevant commercial, recreational and public building developments, or in developments adjoining public spaces.</i></li> <li>• <i>Prepare a Shade and UV Protection Strategy / Policy.”</i></li> </ul> <p>Council could also place the following background information in the LSPS to support this Priority and Actions:</p> <p><i>“Ultra-violet (UV) radiation is a type of natural hazard. At least 95 per cent of melanoma skin cancer and 99 per cent of non-melanoma skin cancers are caused by overexposure to UV radiation from the sun. Well-designed and correctly positioned shade, from both natural vegetation and built structures, can reduce exposure to UV radiation by up to 75 per cent. Council can assist in the provision of shade throughout its public and open spaces, and can require its provision in relevant private developments.”</i></p> <p>Other councils have already included this issue in their LSPSs – for examples see Blue Mountains, Northern Beaches and Burwood final LSPSs.</p> <p>The <a href="#">Guidelines to Shade</a> and <a href="#">example LSPS text</a> referenced above will assist in the implementation of the suggested Actions. The Institute would be pleased to assist Council in the development of a Shade and UV Protection Strategy/Policy.</p> <p>The Institute’s key message is that the provision of well-designed, appropriately located and properly budgeted built and natural shade is integral to assisting the community in reducing its over-exposure to UVR, and hence in reducing the risk of skin cancer in the community.</p> <p>Local planning strategies/guidelines and DCP provisions have a key place in ensuring the practical planning and delivery of shade, as does policy that encourages the retention and addition of shade in a range of settings. Council’s draft LSPS is critical to setting the agenda for the development of such policy in the future, and the Institute has been pleased to provide practical suggestions on how this can be done.</p>	<p><i>“Recognise ultra-violet (UV) radiation from the sun as a natural hazard in the LGA and respond to the mitigation of this hazard”.</i></p> <p>Accompanying Actions to this Priority could be:</p> <ul style="list-style-type: none"> <li>• <i>“Plan and budget for well-designed and correctly positioned shade, from both natural vegetation and built structures, throughout public areas in the LGA.</i></li> <li>• <i>Update the Development Control Plan to require the provision of well-designed and correctly positioned natural and built shade in relevant commercial, recreational and public building developments, or in developments adjoining public spaces.</i></li> <li>• <i>Prepare a Shade and UV Protection Strategy / Policy.”</i></li> </ul>
10.	<b>NSW Rural Fire Service</b>	No objections or further comments.	Noted.

**Public Submissions**

	<b>Submission</b>	<b>Submission Summary</b>	<b>Council Comment</b>
1	<b>Goulburn Heritage Group</b>	Acknowledges and supports both the Draft LSPS and Urban and Fringe Housing Strategy in relation to provisions which propose increased residential development in the CBD.	Goulburn Heritage Group support for increased residential in the CBD is noted.
2	<b>Cancer Council NSW</b>	<p>Cancer Council NSW strongly encourages Council to ensure the value of shade for UV radiation protection and other co-benefits are fully recognised in the vision for the LGA.</p> <p>We have suggestions to support you with this, and attached to this letter is example text developed to include in your LSPS which supports shade as a planning priority for the LGA. We recommend that council look to include all or part of this text in relevant Themes or Planning Priorities from the Draft LSPS. This text can also be accessed via Cancer Council NSW's <a href="#">website</a>.</p>	Refer to responses above to The Cancer Institute submission.
3	<b>Shelter NSW</b>	<p>Shelter NSW is the state peak body for housing policy advocacy being an independent, non-profit organisation which advocates for systemic housing policy reform and provide advice on policy and legislation.</p> <p>This submission identifies that there is a mismatch between dominate housing supply (3 – 4 bedroom dwellings) and demand in relation to providing a range of housing types both in size (number of dwellings) and in relation to different housing sectors such as social, public and affordable housing. The submission suggests a number of actions in relation to relevant planning priorities in the LSPS as follows:</p> <p><b>City, Town and Village Centres</b></p> <p>Shelter NSW suggests the following as part of the proposed Actions outlined above.</p> <ol style="list-style-type: none"> <li>1. That Council's review of its LEP and DCP address ways to increase housing choice and affordability through the use of planning tools.</li> <li>2. That Council considers increasing housing density and diversity in its town centres by mandating a mix of dwelling types and a proportion of bedroom types in new development. The aim would be to support the delivery of homes that meet the need of single person households and help older residents to age in place.</li> <li>3. That in locations connected to town centres, education, medical facilities and transport hubs, Council replace existing Low-Density Residential (R2), Large Lot Residential (R5) and Village (RU5) zones with General Residential (R1).</li> <li>4. That, as part of any CBD or 'town centres' master plan, Council considers ways to deliver housing diversity in a variety of forms such as the introduction of more medium-density (R3) zones.</li> <li>5. That Council includes incentives in its DCP such as height bonuses to encourage the delivery of diverse dwelling types and mandate bedroom mix.</li> </ol>	<p>Noted.</p> <p>Council's recently adopted <i>Urban and Fringe Housing Strategy</i> contains a number of actions which address the points raised in this submission as follows:</p> <ol style="list-style-type: none"> <li>1. Review of LEP/DCP controls to increase housing choice and affordability.</li> <li>2. A review of residential controls (especially in the Goulburn CBD), mandating a mix of dwelling sizes (no. of bedrooms) and giving car parking requirement reductions for smaller dwellings may also be beneficial.</li> <li>3. The only town centres with these services are Goulburn and Marulan (which the UFHS focuses residential development on. There is a very large area of R1 Residential land within proximity to the Goulburn Centre which is the focus of all services in the LGA.</li> </ol>

		<ol style="list-style-type: none"> <li>6. That Council undertakes a review to identify areas suitable for seniors housing and assesses opportunities to support their development.</li> <li>7. That Council organise a workshop with local developers and builders on ways to deliver more diverse housing opportunities.</li> <li>8. To ensure that any new or infill development enhances the existing build form in regional town centres, Council should include a local character assessment requirement in its DCP.</li> </ol>	<ol style="list-style-type: none"> <li>4. The UFHS seeks to introduce further areas zoned R3 especially around the Goulburn CBD.</li> <li>5. As per the above, although in areas where height is stipulated in the LEP this would not be possible.</li> <li>6. Council can consider this as a part of delivering UFHS actions.</li> <li>7. This is not a recommendation of the UFHS but Council can consider this.</li> <li>8. This is already aligns with an action in the LSPS regarding reviewing DCP and inclusion of character precincts (with resultant controls). Refer Planning Priority – City, Town and Village Centres.</li> </ol>
		<p><b>Housing</b></p> <ol style="list-style-type: none"> <li>1. That, in implementing any proposed Urban and Fringe Housing Strategy, new residential release not be dominated by Low-Density large lot zones. Instead, consideration is given to the use of General Residential (R1) zones as this will provide additional housing choice options, better sustainability and bushfires management outcomes.</li> <li>2. That Council, as part of its proposed planning provisions review, considers measures to support older residents to age in place, through amendments to the planning controls to support the delivery of age-specific housing options in town centres.</li> <li>3. That, in review its planning provisions to improve aged, social and affordable housing supply, Council works in partnership with Community Housing Providers and the Department of Communities and Justice to facilitate the delivery of new affordable and social housing options within the LGA.</li> <li>4. That Council defines affordable housing as an essential infrastructure (including public and community housing) in any future infrastructure or planning policy (Note: this definition is from the Australian Infrastructure Audit 2019).</li> </ol>	<ol style="list-style-type: none"> <li>1. Land identified in the UFHS for release is predominantly located on the fringe of the existing urban areas. The UFHS does however, seek to introduce more R3 zoned land in proximity to services and the CBD and also seeks to review the residential controls in the CBD to allow more housing.</li> <li>2. As per the above, in addition to this requirements for adaptable housing may be included in the DCP review.</li> <li>3. Council has already held a workshop with the LAHC and a community housing provider to consider ways to renew existing areas dominated by social housing and to address affordable housing. There is an existing LSPS action to review planning provisions to improve aged, social and affordable housing supply.</li> <li>4. Re-word under Planning Priority for Housing – Challenges for Land Use: amend first dot point to read “ <i>Sustained population growth and aging essential infrastructure such as community and public housing</i>”</li> </ol>

	<p><b>Heritage</b></p> <p>Shelter NSW suggests that Council consider the following as part of the proposed Actions outlined above.</p> <p>As indicated by Council, it is committed to consulting with local Aboriginal community members in the preparation of studies and assessment processes.</p>	<p>Noted.</p>
	<p>Shelter NSW would like to see a commitment by Council to work with Aboriginal Land Councils on the development of a strategic plan for their landholders, aimed at supporting the delivery of additional housing opportunities for their members. This process could focus on the delivery of a strategic plan for Aboriginal landholders, with the primary aim being to support the delivery of additional housing opportunities and appropriate design outcomes on Aboriginal-owned land. This work can be based on the Aboriginal Land Framework (introduced by the NSW Planning System in 2019).</p> <p>Proposed Actions:</p> <ol style="list-style-type: none"> <li>1. to work cooperatively with LALC to rezone land so that it can be used for additional social housing,</li> <li>2. to explore ways to support secondary dwelling/granny flat accommodation on existing Aboriginal/social housing lots,</li> <li>3. to support ways of encouraging the construction of additional Aboriginal social housing stock, so that the underutilisation of existing housing and essential service can be addressed.</li> </ol>	<p>Council is generally willing to work with any landholders in relation to strategic planning matters and to ensure appropriate housing delivery.</p> <ol style="list-style-type: none"> <li>1. Council is willing to work with the LALC, however, this will depend on the suitability for the land for social housing. Council will not be generally attempting to zone land for Aboriginal social housing, as it is limited to zones available in the Standard LEP template. Each residential zone permits seniors housing (except for the R5 zone).</li> <li>2. Council's current controls on this type of development are already very flexible.</li> <li>3. This partly depends on the availability of suitable land? This is also an area which community housing providers and the NSW land and Housing Corporation could assist.</li> </ol>



**Attachment 2-Submissions**

<b>Submissions</b>	<b>Page</b>
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Department of Planning, Industry and Environment – DPIE (Planning)	2
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**Megan Trotter**

**From:** George Curtis <George.Curtis@planning.nsw.gov.au>  
**Sent:** Friday, 3 July 2020 4:56 PM  
**To:** Submissions  
**Subject:** Submission on draft Goulburn Mulwaree Local Strategic Planning Statement  
**Attachments:** HNSW Response - Goulburn Mulwaree LSPS(2).pdf; HPE CM: FW: Goulburn-Mulwaree Draft LSPS - TfNSW Comments; BCD Response for Goulburn LSPS - sent 1 July 2020.pdf

**From:** George Curtis  
**Sent:** Friday, 3 July 2020 4:51 PM  
**To:** Kate Wooll (kate.wooll@goulburn.nsw.gov.au)  
**Cc:** Graham Towers ; Sarah Lees  
**Subject:** draft Goulburn Mulwaree Local Strategic Planning Statement

Dear Kate,

Thank you for the opportunity to comment on Council’s draft LSPS. We have reviewed the draft from a local planning perspective and for alignment against the South East and Tablelands Regional Plan. We have also discussed the draft with Transport for NSW, Heritage NSW and the Department’s Biodiversity and Conservation and Resilience Planning Divisions.

I would like to take the opportunity to congratulate Council for the quality of its LSPS. To assist Council in the further development of the draft, we have the following comments for your consideration.

Reference	Comment
<b>Section 3.9 of the Environmental Planning and Assessment Act 1979</b>	The Draft LSPS appears to be generally consistent with the legislative requirements.
<b>South East and Tablelands Regional Plan</b>	The Draft LSPS is generally consistent with the South East and Tablelands Regional Plan.
<b>Matters of State and Regional Significance</b>	Council’s draft LSPS does not appear to be inconsistent with matters of State or regional significance
<b>The Department’s LSPS Guideline</b>	Council’s draft LSPS does not appear to be inconsistent with the Department’s Guideline. Council could consider including a map which presents an overview of where the planning priorities lie within the LGA and include where strategic planning work and potential change may occur (pp 7, 14-15 of the Guideline).

The following detailed comments are also provided:

**Section 1 Introduction and purpose**

- page 1 – Should read “South East and Tablelands Regional Plan 2036”

**Section 5 Goulburn Mulwaree Demographics**

- pp 7-10 – the graphics need to be realigned to fit the page.
- the 35-59 year demographic appears to be missing from the graphic on p. 10.

**Section 6 Goulburn Mulwaree Strategic Context**

- The section heading should read “strategic”.

- Suggest adding local government services to second paragraph.
- The Regional Plan map provided on pp 13-14 is difficult to read. Suggest combining the two halves into one and present in landscape format.
- Suggest including words in this section that link with the Regional Plan Map. There could also be reference provided to the Regional Plan narrative for Goulburn Mulwaree.

#### Section 7 Planning Priorities

- Priorities and actions could be numbered for easier reference.
- Priority - Primary Industry p.30 – clarify meaning of “Identify and protect extractive resources and associated haulage routes; note in the DCP as areas where residential development/access is to be avoided”.
- Priority – Sustainability p.36 – Planning Principle 1 - consider including reference to also improving industry and business energy and water efficiency.
- Priority - Hazards p.37 – consider including current bushfire and flood prone land maps.
- P.38 - Consider including as a planning principle that local hazard risk assessments inform land use planning decisions so as not to increase the population at risk and the demand on Emergency Services personnel and volunteers.

#### Attachment 1 – Policy Map

- Infrastructure - Provide the relevant Regional Plan directions in the 3<sup>rd</sup> column.

#### Photos

- It would be useful to include place names for photos in the draft LSPS.

Please see attached comment provided by Transport for NSW, Heritage NSW and the Department’s Biodiversity and Conservation Division for your consideration. We particularly support the suggestions by TfNSW to include a map showing major freight corridors to assist their protection during land use planning decisions as well as the suggestion to include an action or plan to develop Goulburn as an inland transport hub to connect the region to local and global markets. The latter would be consistent with the local narrative for the LGA provided in the South East and Tablelands Regional Plan.

Should you wish to discuss the above comments please do not hesitate to contact me.

Regards

**George Curtis**

**Senior Planner, Southern Region**

(Mon, Wed-Friday)

Local and Regional Planning | Department of Planning, Industry and Environment

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**Planning,  
Industry &  
Environment**

*The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.*

**Megan Trotter**

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**From:** Sara Lees <sara.lees@planning.nsw.gov.au>  
**Sent:** Tuesday, 30 June 2020 10:01 AM  
**To:** Graham Towers; George Curtis  
**Subject:** HPE CM: FW: Goulburn-Mulwaree Draft LSPS - TfNSW Comments  
**Attachments:** LSPS and FT2056 v11a.pdf

**Importance:** High

fyi

**Sarah Lees**  
**Director, Southern Region**

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**Our vision** Together, we create thriving environments, communities and economies.

*Department of Planning and Infrastructure and Environment acknowledges that it stands on the original lands of the people of this state and acknowledges their continuing connection to the land and waters and respects their elders, past and present and emerging. It is committed to working with the community to demonstrate our ongoing commitment to providing places in which all people are included socially and economically.*

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**From:** Mark Hannan  
**Sent:** Monday, 29 June 2020 6:20 PM  
**To:** Sarah Lees  
**Cc:** Thomas Navascues  
**Subject:** Goulburn-Mulwaree Draft LSPS - TfNSW Comments  
**Importance:** High

Good Evening Sarah

Transport for NSW (TfNSW) welcomes the opportunity to provide comment on the Draft Local Strategic Planning Statement (LSPS) for Goulburn-Mulwaree.

The comments provided by TfNSW below are to be considered for inclusion in the final version of the LSPS for Goulburn-Mulwaree. TfNSW does not however require the LSPS to be revised or amended to accommodate our comments should Council choose to do so. Rather the comments provide the basis for future collaboration with Goulburn-Mulwaree Council on strategic planning matters, as well as to work with Council on strategic planning matters that have potential interaction or implications to the classified road network.

- Transport for NSW is guided by our long-term transport strategy [Future Transport 2056](#) – **t r e r a n s o r t** acknowledges the significant role transport plays in delivering movement and place outcomes that support the character of places and communities, and repositions the planning focus towards integrated, multi-modal solutions rather than considering different transport modes in isolation
- For Regional NSW, **t r e r a n s o r t**s supplemented by the [Regional NSW Services and Infrastructure Plan](#) which identifies initiatives for the short (0-10 years), medium (10-20 years) and long term (20+ years). These initiatives have been identified to meet customer needs now and into the future, and support delivery of responsive, innovative services and infrastructure. A full list of initiatives from **t r e r a n s o r t**s broken down by Local Government Area (LGA) in the attached PDF
- The Strategy is further enhanced by more focussed, issues-based supporting plans, such as the [NSW Road Safety Plan 2021](#), the NSW [Freight and Ports Plan 2018-2023](#), and the [Heavy Vehicle Access Policy Framework](#) which help to further embed Future Transport 2056 across NSW
- Page 5, Goulburn-Mulwaree Demographics – updated DPIE population projection for Goulburn-Mulwaree shows the LGA population forecast to increase by 3,250 people between 2016 (30,250) and 2041 (33,500). Recommend population projections be updated to reflect the updated DPIE projection (see <https://www.planning.nsw.gov.au/-/media/Files/DPE/Factsheets-and-faqs/Research-and-demography/Population-projections/2019-Goulburn-Mulwaree.pdf>)
- Page 17, Planning Priority 1, Planning Principles, 1<sup>st</sup> Dot Point – TfNSW recommends Council consider expanding this Planning Principle to include protection of freight corridors given they are essential to the transportation of goods and services. This amendment would ensure consistency with Action 11.3 of DPIE's **o t East and a lelands e gional Pla** Action 11.3 – Limit inappropriate adjoining development and direct access points along strategic transport links including the Hume, Federal, Illawarra, Barton and Kings Highways)
- Page 17, Planning Priority 1, Planning Principles – TfNSW recommends the inclusion of an additional principle that facilitates Council to work with the NSW Government to identify appropriate strategies and controls to manage access to development on the Hume and Federal Highways. This will include identifying opportunities to strengthen local road connections to properties which front the Hume and Federal Highways in a consolidated manner as well as considering opportunities to remove existing minor connections to reduce the ongoing maintenance burden on the LGA
- Page 18, Planning Priority 1 (Actions – Council General) – “Advocate for State to improve public transport timetables for bus and rail to Sydney and Canberra” – TfNSW would be keen to work collaboratively with Council to address this Action
- Page 19, Planning Priority 2, 5<sup>th</sup> Paragraph – “Encouraging additional residential development within the CBD will assist to revitalise the centre, make better use of existing infrastructure and provide a greater range of dwelling types which are less reliant on private transport” – TfNSW strongly supports Council’s ambition to encourage additional residential development within the CBD to better position housing within walking and cycling distance of key essential services like shops, medical centres, schools and recreational facilities
- Page 21, Planning Priority 2, Planning Principles, 3<sup>rd</sup> Dot Point – TfNSW supports Council proposing to undertake place-based planning within the towns and villages of Goulburn-Mulwaree and recommends utilising the ‘Movement and Place’ Framework to better balance the movement of people and goods with the amenity and quality of places within the towns and villages. Further information on the Framework, including the recently-released **Practitioner s ide to Movement and Place** available at <https://www.governmentarchitect.nsw.gov.au/guidance/movement-and-place>
- Page 22, Planning Priority 2, Actions – Council General, 1<sup>st</sup> Dot Point – TfNSW supports Council initiatives to promote Goulburn-Mulwaree as a destination and recommend that Council consider application of the [NSW Tourism and Transport Plan, a key supporting plan of the t r e r a n s o r t](#) to understand how transport services and infrastructure can support and enhance existing tourism as well as create new economic development opportunities
- Page 22, Planning Priority 2, Actions – Council General, 3<sup>rd</sup> Dot Point – TfNSW recommends Council consider the application of the Government Architect NSW-developed **r a t r a n e s i g n o r e g i o n a l** and the ‘Movement and Place’ Framework to help inform and maintain character in towns and places
- Page 19-22, Planning Priority 2 – TfNSW recommends that the LSPS also consider local freight access to, from and within the Goulburn CBD. Efficient movement of freight requires a strategy that integrates it with the



efficient movement of people, especially in and around the town centre whilst protecting urban amenity and freight access

- Page 24, Planning Priority 3, Planning Principles, 5<sup>th</sup> Dot Point – TfNSW recommends that for any new residential development proposed on the periphery of existing towns and villages, consideration should be given to whether future residents can access essential services like retail, employment, education and medical services by walking, cycling and public transport to avoid total reliance on private vehicle transport
- Page 24, Planning Priority 3, Actions – Council General, 1<sup>st</sup> Dot Point – TfNSW supports Council’s commitment to investigate funding opportunities for a Rail Trail between Goulburn and Crookwell and we would be keen to work collaboratively with Council on this initiative
- Page 25-27, Planning Priority 4 – TfNSW recommends that the LSPS also consider the need to avoid the siting of residential development close to the existing or future freight network. New or infill developments will need to mitigate against noise and air emissions, as well as vibrations from the freight network if this cannot be avoided
- Page 29-30, Planning Priority 5 – TfNSW recommends that the LSPS also consider opportunities to co-locate related primary industry activities to maximise infrastructure utilisation and decrease supply chain costs. This consideration would ensure consistency with Action 5.3 of DPIE’s *South East and a Jervis Bay Regional Plan* (Action 5.3 – Encourage co-location of related value-added agricultural industries to maximise infrastructure, decrease supply chain costs, increase economies of scale and attract further investment)
- Page 30, Planning Priority 5, Actions – “Identify and protect extractive resources and associated haulage routes” – TfNSW recommends expanding this action to seek to protect all freight routes from encroachment by incompatible land uses, not just those associated with extractive resources
- Page 30, Planning Priority 5, Actions – “Identify and upgrade key livestock and freight routes into and out of the LGA” – TfNSW recommends expanding this action to seek to protect all supply chains, not just those associated with the transportation of livestock. Consideration also be given to elevating the status of this action from a medium-term priority to a short-term priority
- Page 31, Planning Priority 6 – TfNSW recommends that the LSPS should identify existing and future industrial zoned land. Council needs to have an adequate supply of industrial land if it wants to take advantage of businesses looking to relocate from Greater Sydney
- Page 32-34, Planning Priority 6 – TfNSW recommends the inclusion of an additional action or plan to develop Goulburn as an inland transport hub to connect the region to local and global markets. Consideration should also be given in the LSPS on how to best leverage access to the Global Gateway of Canberra, as well as the growth opportunities being generated from Greater Sydney
- Page 34, Planning Priority 6 – TfNSW recommends the inclusion of an additional action that seeks to protect industrial land uses from encroachment by sensitive land uses
- Page 36, Planning Priority 7 – TfNSW recommends the inclusion of an additional action that seeks Council alignment with the NSW Government’s *Net Zero Plan 2050* which commits NSW to a 35% cut in emissions by 2030 compared to 2005 levels (see <https://www.environment.nsw.gov.au/topics/climate-change/net-zero-plan>). The Plan provides the foundation for NSW’s action on climate change and over-arching goal to reach net zero emissions by 2050
- Page 36, Planning Priority 7 – TfNSW recommends Council consider the inclusion of an additional action that proposes development of a *Future Fleet Strategy* for the Goulburn-Mulwaree LGA to guide Council on how best to approach a future fleet that will comprise electric and hydrogen-powered vehicles, as well as connected and autonomous vehicles. TfNSW would be keen to work collaboratively with Council to develop a *Future Fleet Strategy*
- Page 40, Planning Priority 9, Actions – “Review Goulburn Main Street Study” – TfNSW recommends Council consider the application of the Government Architect NSW-developed *Urban Design and Regional Guide* and the *‘Movement and Place’ Framework* to help inform the review of the *Goulburn Main Street Study*

**General comments road safety**

TfNSW encourages Council to consider how the following road safety issues can be considered in the LSPS and other strategic planning documents:

- Ensuring that areas with identified high risk of run-off-road and fatigue related crashes on the high speed and regional road network consider key treatments as per the Saving Lives on Country Roads initiative of the **oad a et Plan 1**
- Ensuring that walking and cycling connections are prioritised and supported by safe facilities aligned with Safe System principles as per the Liveable and Safe Urban Communities initiatives of the **oad a et Plan**  
Austroads Research Report (AP-R611-20) [Integrating Safe System with Movement and Place for vulnerable Road users](#) can assist council practitioners with applying Safe System thinking to a Movement and Place context: There is also a webinar to support this Report at <https://austroads.com.au/webinars-and-events/webinar-integrating-safe-system-with-movement-and-place-for-vulnerable-road-users>
- Austroads has published a Research Report to guide Local Government on developing and implementing road safety management frameworks according to Safe System principles. The Report (and recording of associated webinar) can be downloaded on the Austroads website free at [tt s a stroads com a latest ne s road sa et g idance or local government](#)

#### **eneral omments reig t**

- TfNSW recommends the LSPS should demonstrate alignment with the NSW Freight and Ports Plan 2018-2023 (<https://future.transport.nsw.gov.au/plans/nsw-freight-and-ports-plan-2018-2023>) and NSW Heavy Vehicle Access Policy Framework (<https://www.transport.nsw.gov.au/operations/freight-hub/heavy-vehicle-access-policy-framework>)
- TfNSW recommends the LSPS should include a map that highlights any significant freight corridors within the Goulburn-Mulwaree LGA (including key National, State, Regional and local roads, and railways), as well as any major freight generators within the LGA such as Goulburn Intermodal Terminal, Boral Marulan South and Peppertree quarry, Holcim Lynwood quarry, Woodlawn Bioreactor and Woodlawn inc and Copper Mine – this will allow for greater clarity and consistency in land use planning and decision-making
- TfNSW recommends the LSPS should identify any constraints on the freight network and any proposed upgrades
- TfNSW recommends that the LSPS should consider the need to protect essential rail infrastructure, such as Goulburn yard, Goulburn Maintenance Facility and Goulburn Intermodal Terminal, from encroachment by sensitive land uses to support their ongoing use. Freight rail yard noises tend to be frequent and of longer duration and typically includes idling locomotives, shunting, brake squeal, wagons bunching, loading and unloading, air release from compressors, train horns, continuous noise from processing and maintenance activities, intermittent bangs and clunks
- TfNSW recommends Council consider the inclusion of an additional action that seeks to work collaboratively with TfNSW to establish the need for, and location of, additional heavy vehicle rest areas along major freight road corridors

#### **eneral omments Place ma ing**

- Council should consider how TfNSW-owned land in the Goulburn-Mulwaree LGA can support the place-making outcomes, enhance transport outcomes and contribute to the economic development, employment and housing opportunities identified in the Draft LSPS including through the preparation of the strategies and the LEP review process

Should Council wish to discuss any of the recommendations made by TfNSW further, please do not hesitate to contact Mark Hannan, A/Director Regional Strategy, at [mark.hannan@transport.nsw.gov.au](mailto:mark.hannan@transport.nsw.gov.au).

Kind regards

Mark Hannan  
A/Director Regional Strategy  
Customer Strategy Technology  
**Transport for S**

M 0467 800 714  
L26, 477 Pitt Street S DNE NSW 2000



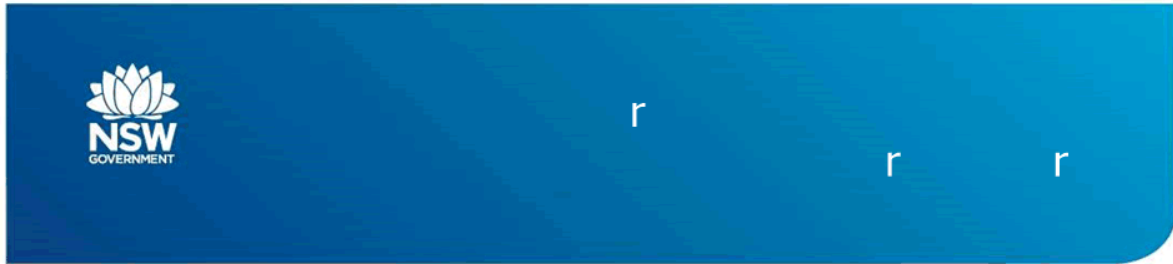
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Regional NSW Customer Outcomes

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<b>Customer Focused</b> 	<b>Convenient and responsive to customer needs</b> 1. Flexible services are an integral part of the transport system helping to deliver reliability 2. A transport system that adapts to and embraces new technology
<b>Successful Places</b> 	<b>Sustaining and enhancing the liveability of our places</b> 3. The appropriate movement and place balance is established enabling people and goods to move efficiently through the network whilst ensuring local access and vibrant places 4. Supporting centres with appropriate transport services and infrastructure
<b>Growing the Economy</b> 	<b>Connecting people and places in the growing city</b> 5. Changes in land use, population and demand, including seasonal changes, are served by the transport system 6. Economic development is enabled by regional transport services and infrastructure
<b>Safety and Performance</b> 	<b>Safely, efficiently and reliably moving people and goods</b> 7. A safe transport system for every customer with zero deaths or serious injuries on the network by 2056 8. A transport system that is resilient to significant weather events including floods, fog and bush fires
<b>Accessible Services</b> 	<b>Accessible for all customers</b> 9. Accessibility to employment and services such as health, education, retail and cultural activities within Regional Cities and Centres
<b>Sustainability</b> 	<b>Makes the best use of available resources and assets</b> 10. Customers enjoy improved connectivity, integrated services and better use of capacity



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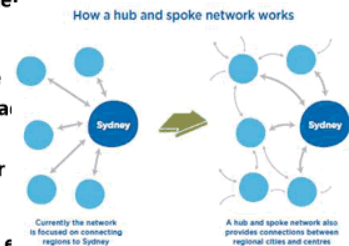
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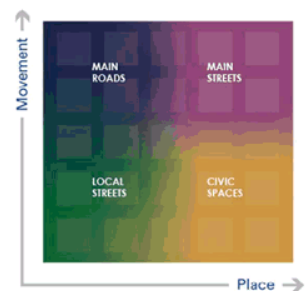
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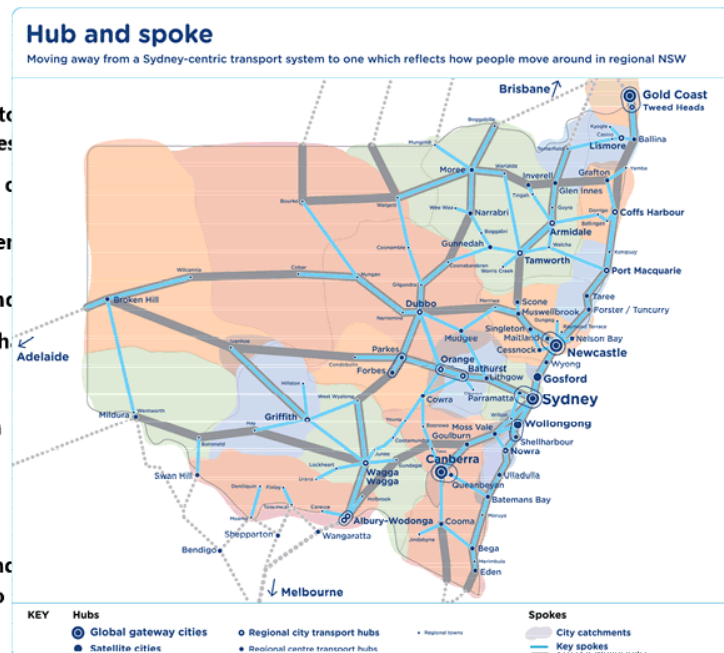
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Future Transport

Council for the Transport and other stakeholders on implementing the Mobility Framework through the development of an integrated transport and use centres and the A

Council for the Transport in the development and implementation of transport policies and actions

Council for the Transport to understand catchment areas for centres and attractors, host, transport users, etc. to develop a hub and spoke transport network

Council for the Transport to promote active transport including opportunities for transport network

Council for the Transport to adopt the Safe System approach when addressing high crash rates on the local road network or crash trends within the A

Council for the Transport in developing car sharing guidelines to support branch centres and encourage a more sustainable mode share

Council for the Transport to address the encroachment of commercial and uses on major transport corridors

Council for the Transport to identify current and future freight and logistics corridors

Council to secure corridors for future transport alignments when routes are identified

When reviewing State actions be specific to the local government Area A and promote measures

For further information or assistance [please contact transport@go.auckland.govt.nz](#)

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Future Transport

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She harbour	<p>e nterc t F eet Mu t reg on                      A b on ar a ass ann ng and reconstruct on                      More Tra ns More Ser ces Stage                      She harbour ace an                      a arra Shoa ha en eg ona Trans ort an                      a arra Mac uar e ass m ro ements                      utor Metro oad s rogram</p>
Shoa ha en	<p>eg ona gro th buses                      a ass ng oo bet een err ngong and err                      o ra r d ge o er Shoa ha en er ann ng State and                      Fed era Fund ed subject to na bus ness case and Fed era                      und ng                      M err ga oad m ro ements                      err to omad err grade                      More Tra ns More Ser ces Stage                      r nces gh a grade rogram bet een er s a oad                      and Susse n et oad                      r nces gh a grade rogram ann ng o M ton and                      ad u a ass                      r nces gh a grade rogram ann ng or u grad es r                      urr a e to atemans a                      r nces gh a o ra r d ge re acement                      u cat on o r nces gh a er s a oad nterse                      Moru a                      o ra ace an                      a arra Shoa ha en eg ona Trans ort an                      ectr cat on o nterc t to omad err o ra                      utor Metro oad s rogram</p>
o ongong	<p>a arra ro th uses                      e nterc t F eet Mu t reg on                      r nces Motor a m ro ements u To s to cton oad                      ann ng State and Fed era Fund ed                      r nces Motor a nterchange at ase o Mount us e                      ann ng                      S d ne o ongong Faster a m ro ement                      o ongong a d us ac age                      o ongong ace an                      a arra Shoa ha en eg ona Trans ort an                      us head start or o ongong                      us r or t measures on A n oad                      cton d A n d m ro ements                      Moss a e to nand erra and on ston unct on ra m ro eme                      M r nces SMA T Motor a                      om et on o Ma d on to ombarton ra a ne                      utor Metro oad s rogram                      a arra scar ment ong term so ut on                      utor S d ne rb ta rom ume Motor a to a arra</p>

Future Transport

North Coast	<p>oo goo ga to a na ac c gh a u grade State and                  Fed era Fund ed                  ru ner gh a u grades at A ston e                  ru ner gh a m ro ements a na as no                  orth oast eg ona Trans ort an</p>
Ennise	<p>oo goo ga to a na ac c gh a u grade State and                  Fed era Fund ed                  grade ater a a through orr go and e ngen                  ater a a corr dor m ro ements                  orth oast eg ona Trans ort an                  orr dor reser at on or gher S eed onnect ons                  gher S eed onnect ons east coast</p>
Ennis	<p>grade o anga o oad bet een anga o and smore                  orth oast eg ona Trans ort an</p>
Ennis	<p>oo goo ga to a na ac c gh a grade State and                  Fed era Fund ed                  Summer and a Add t ona arence er ross ng ra                  rd ge                  eg ona gro th buses ann ng                  ater a a corr dor m ro ements                  dr gh a m ro ements bet een ra ton and en                  ac ad ger                  orth oast eg ona Trans ort an                  Summer and a m ro ements ra ton border                  orr dor reser at on or gher S eed onnect ons                  orth oast cru se n rastructure de e o ment                  gher S eed onnect ons east coast</p>
Ennis	<p>oo goo ga to a na State and Fed era Fund ed                  o s arbour ecreat ona oa am                  eg ona gro th buses                  o s arbour ace an                  o s arbour ass                  orth oast eg ona Trans ort an                  orth oast cru se n rastructure de e o ment                  orr dor reser at on or gher S eed onnect ons                  gher S eed onnect ons east coast</p>
Ennis	<p>orth oast eg ona Trans ort an                  orr dor reser at on or gher S eed onnect ons                  gher S eed onnect ons east coast</p>
Ennis	<p>orth oast eg ona Trans ort an                  Summer and a m ro ements ra ton border                  ru ner gh a m ro ements as no Tenter e d                  orr dor reser at on or gher S eed onnect ons                  gher S eed onnect ons east coast</p>
Ennis	<p>ru ner gh a u grades n smore                  eg ona gro th buses                  grade o anga o oad bet een anga o and smore                  ru ner gh a m ro ements a na as no                  smore ace an                  orth oast eg ona Trans ort an</p>
Ennis	<p>arre ree to ambucca ead s ac c gh a u grade                  State and Fed era Fund ed o en to tra c n                  orth oast eg ona Trans ort an</p>



Future Transport

	<p>orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>
ort Mac uar e ast ngs	<p>eg ona gro th buses ann ng cean r edu cat on ort Mac uar e ort Mac uar e ace an orth oast eg ona Trans ort an orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>
chmond a e	<p>oo goo ga to a na ac c gh a u grade State and Fed era Fund ed ru ner gh a m ro ements a na as no orth oast eg ona Trans ort an Summer and a m ro ements ra ton border ru ner gh a m ro ements as no Tenter e d orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>
T eed	<p>eg ona gro th buses T eed ght a T eed Trans ort et or an encom ass ng the otent a or ght ra e tens on rom o d oast A r ort to T eed ead s T eed ead s and o d oast ace an orth oast eg ona Trans ort an</p>
South ast and Tab e and s	
ega a e Sh re	<p>d en cru se ac t es de e o ment Sno Mounta ns gh a m ro ements nc ud ng ro n Mounta n South ast and Tab e and s eg ona Trans ort an u cat on o r nces gh a Moru a to ega r d ge u cat on o r nces gh a ega to ctor a</p>
uroboda a	<p>atemans a r d ge ann ng ngs gh a e acement de er r d ge r nces gh a grade rogram Moru a ass r nces gh a grade rogram ann ng or u grad es r urr a e to atemans a ngs gh a m ro ements u cat on o r nces gh a er s a oad nterse Moru a South ast and Tab e and s eg ona Trans ort an u cat on o r nces gh a Moru a to ega r d ge</p>
ou burn Mu aree	<p>ub c Trans ort or so ated commun t es ume gh a ea ut a ement State and Fed era Fund ed S dne anberra Faster a m ro ement ume gh a m ro ements South ast and Tab e and s eg ona Trans ort an reser at on or gher S eed onnect ons ectr cat on o nterc t to ou burn gher S eed onnect ons east coast</p>
to s	<p>ub c Trans ort or so ated commun t es ume gh a ea ut a ement State and Fed era Fund ed ach an a e a m ro ements ume gh a m ro ements South ast and Tab e and s eg ona Trans ort an</p>



Future Transport

	<p>orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>	
ueanbe an a erang eg ona	<p>ueanbe an ass erton r e tens on and oca o ernment Fund ed M err ga oad m ro ements eg ona gro th buses ngs gh a m ro ements unns ree oad corr d or ac u s t on and des gn S dne anberra Faster a m ro ement n est gate e tens on o ght ra rom anberra to ueanbe ueanbe an ace an South ast and Tab e and s eg ona Trans ort an orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>	State Fed e
Sno Monaro eg ona	<p>ub cTrans ort or so ated commun t es osc us o oad erta ng anes and Sa et m ro ements Monaro gh a erta ng anes and Sa et m ro ements Monaro gh a m ro ements Sea ng obe an oad o aro Sno Mounta ns gh a m ro ements nc ud ng ro n Mounta n South ast and Tab e and s eg ona Trans ort an</p>	
er ach an Sh re	<p>ub cTrans ort or so ated commun t es ume gh a ea ut a ement State and Fed era Fund ed ume gh a m ro ements South ast and Tab e and s eg ona Trans ort an orr d or reser at on or gher S eed onnect ons gher S eed onnect ons east coast</p>	
ngecarr bee	<p>ume gh a ea ut a ement State and Fed era Fund ed Moss a e to nand erra and on ston unct on ra m ro eme S dne anberra Faster a m ro ement ume gh a m ro ements South ast and Tab e and s eg ona Trans ort an orr d or reser at on or gher S eed onnect ons a arra Mac uar e ass m ro ements M ume SMA T motor a ectr cat on o nterc t to ou burn gher S eed onnect ons east coast</p>	
ass a e	<p>arton gh a m ro ements State and Fed era Fund ed ume gh a ea ut a ement State and Fed era Fund ed ach an a e a m ro ements ume gh a m ro ements South ast and Tab e and s eg ona Trans ort an orr d or reser at on or gher S eed onnect ons om et on o arton gh a du cat on gher S eed onnect ons east coast</p>	
er na Murra		
A bur	<p>ume gh a ea ut a ement State and Fed era Fund ed n and a Fed era Fund ed eg ona gro th buses</p>	



Future Transport

	<p>ume gh a m ro ements                  Ma n South Fre ght a a ac t nhancements n co aborat                  th A T                  Murra er r d ges rogram                  A bur od onga ace an                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons                  Su ort the de er o n and a                  gher S eed onnect ons east coast</p>
err gan	<p>e e gh a erta ng anes Mu t reg on                  e e gh a m ro ements n add t on to those comm                  Murra er r d ges rogram                  er na Murra eg ona Trans ort an</p>
and	<p>e e gh a erta ng anes Mu t reg on                  e e gh a ood roo                  e e gh a m ro ements n add t on to those comm                  er na Murra eg ona Trans ort an</p>
arrathoo	<p>obb gh a Sea tens on                  d man a m ro ements                  obb gh a sea ng m ss ng n s                  er na Murra eg ona Trans ort an</p>
oo amon	<p>e e gh a erta ng anes Mu t reg on                  e e gh a m ro ements n add t on to those comm                  er na Murra eg ona Trans ort an</p>
ootamund ra und aga eg ona	<p>ume gh a ea ut a ement State and Fed era                  Fund ed                  n and a Fed era Fund ed                  ume gh a m ro ements                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons                  Su ort the de er o n and a                  gher S eed onnect ons east coast</p>
d ard er	<p>ub c Trans ort or so ated commun t es                  obb gh a Sea tens on                  obb gh a sea ng m ss ng n s                  er na Murra eg ona Trans ort an</p>
Fed erat on	<p>e e gh a erta ng anes Mu t reg on                  e e gh a m ro ements n add t on to those comm                  Murra er r d ges rogram                  er na Murra eg ona Trans ort an</p>
reater ume Sh re	<p>ume gh a ea ut a ement State and Fed era                  Fund ed                  n and a Fed era Fund ed                  ume gh a m ro ements                  Ma n South Fre ght a a ac t nhancements n co aborat                  th A T                  Murra er r d ges rogram                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons                  Su ort the de er o n and a                  gher S eed onnect ons east coast</p>
r th	<p>eg ona gro th buses                  d man a m ro ements                  r th ace an                  er na Murra eg ona Trans ort an</p>



Future Transport

<p><b>a</b></p>	<p>obbb gh a Sea tens on                  a Ma n Street u grade resur ac ng                  obbb gh a sea ngm ss ng n s                  Sturt gh a m ro ements                  er na Murra eg ona Trans ort an</p>
<p><b>une</b></p>	<p>obbb gh a Sea tens on                  n and a Fed era Fund ed                  Ma n South Fre ght a a ac t nhancements n co aborat                  th A T                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons                  Su ort the de er o n and a                  gher S eed onnect ons east coast</p>
<p><b>eeton</b></p>	<p>Sturt gh a m ro ements                  er na Murra eg ona Trans ort an</p>
<p><b>oc hart</b></p>	<p>n and a Fed era Fund ed                  Ma n South Fre ght a a ac t nhancements n co aborat                  th A T                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons                  Su ort the de er o n and a                  gher S eed onnect ons east coast</p>
<p><b>Murra er</b></p>	<p>obbb gh a e r d ge at chuca Moama                  obbb gh a Sea tens on                  obbb gh a sea ngm ss ng n s                  Sturt gh a m ro ements                  Murra er r d ges rogram                  er na Murra eg ona Trans ort an</p>
<p><b>Murrumb d gee</b></p>	<p>e e gh a erta ng anes Mu t reg on                  e e gh a m ro ements n add t on to those comm                  d man a m ro ements                  Sturt gh a m ro ements                  er na Murra eg ona Trans ort an</p>
<p><b>arrand era</b></p>	<p>e e gh a erta ng anes Mu t reg on                  e e gh a m ro ements n add t on to those comm                  Sturt gh a m ro ements                  er na Murra eg ona Trans ort an</p>
<p><b>Sno a e s</b></p>	<p>ub c Trans ort or so ated commun t es                  ocu oad grade                  Murra er r d ges rogram                  er na Murra eg ona Trans ort an</p>
<p><b>Temora</b></p>	<p>er na Murra eg ona Trans ort an</p>
<p><b>agga agga</b></p>	<p>ume gh a ea ut a ement State and Fed era                  Fund ed                  n and a Fed era Fund ed                  eg ona gro th buses                  n and a ntermod a Fac t n est gat ons                  ume gh a m ro ements                  Ma n South Fre ght a a ac t nhancements n co aborat                  th A T                  Sturt gh a m ro ements                  agga agga ace an                  er na Murra eg ona Trans ort an                  orr d or reser at on or gher S eed onnect ons</p>



Future Transport

	<p>Suport the development of the northern and southern coastal corridor</p>
<p>Development and transport</p>	
Armidale region	<p>Public Transport for associated communities                      Regional growth buses                      After a major road works program                      Development and growth programs                      Development and growth programs                      Armidale access                      Development and transport regional                      Main northern network programs to address needs</p>
Dennington	<p>Development and growth programs                      Road works between Dennington and Dennington                      Development and transport regional                      Road works program</p>
Unna	<p>Public Transport for associated communities                      Development and growth programs                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>
Dennington	<p>Public Transport for associated communities                      Development and transport regional                      Road works program                      Development and transport regional                      Development and transport regional</p>





Future Transport

	<p>n and a Fed era Fund ed e e gh a m ro ements n add t on to those comm am aro gh a m ro ements e ng and orth est eg ona Trans ort an Su ort the de er o n and a</p>	
Tam orth eg ona	<p>ub cTrans ort or so ated commun t es arraba ranch ne Tam orth a Fre ght entre grade o oonoo oonoo oad e ng and gh a du cat on rom a a a ane to ac Sm th oad Tam orth eg ona gro th buses ann ng e gh a m ro ements e ng and gh a m ro ements o Tree to Arm d Tam orth ace an e ng and orth est eg ona Trans ort an Ma n orthern ne m ro ements to add ress nch o nts</p>	
Tenter e d	<p>e ng and gh a o a grade State and Fund ed e ng and gh a m ro ements Arm da e to bord er e ng and orth est eg ona Trans ort an</p>	
ra a	<p>e ng and gh a m ro ements o Tree to Arm d e ng and orth est eg ona Trans ort an Ma n orthern ne m ro ements to add ress nch o nts</p>	
a cha	<p>e ng and orth est eg ona Trans ort an Ma n orthern ne m ro ements to add ress nch o nts</p>	
entra est and rana		
athurst eg ona	<p>ub cTrans ort or so ated commun t es grad es to Ma n est ne eg ona gro th buses Ma n oad ou burn to athurst n t a Sea ng Mt ctor a to range road corr dor m ro ements to ach e e tra e t me sa ngs and road sa et outcomes athurst ace an entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram ectr cat on o nterc t to athurst M tche gh a m ro ements</p>	
a ne	<p>grad es to Ma n est ne tend ng athurst commuter ra to range entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram</p>	
ogan	<p>arr er gh a m ro ements ubbo ro en entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram M tche gh a m ro ements</p>	
abonne	<p>grad es to Ma n est ne Mt ctor a to range road corr dor m ro ements to ach e e tra e t me sa ngs and road sa et outcomes enr ar es a m ro ements entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram M tche gh a m ro ements</p>	





Future Transport

<p>oonamb e</p>	<p>n and a Fed era Fund ed grad e road s n the oonamb e and arrumbung e area entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram Su ort the d e er o n and a</p>
<p>o ra</p>	<p>ub cTrans ort or so ated commun t es ach an a e a m ro ements entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram</p>
<p>ubbo eg ona</p>	<p>ub cTrans ort or so ated commun t es e e gh a e ubbo r dge ann ng e e gh a erta ng anes Mu t reg on o d en gh a Sa et and roduct t or s State and Fed era Fund ed eg ona a Ma ntenance Fac t ubbo subject to ann a ro a eg ona gro th buses M tche gh a o erta ng a es ubbo to arrom ne o d en gh a m ro ements cont nuat on e e gh a m ro ements n add t on to those comm arr er gh a m ro ements ubbo ro en ubbo ace an entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram ubbo to e cast era connect on M tche gh a m ro ements</p>
<p>Forbes</p>	<p>e e gh a erta ng anes Mu t reg on grad es to Ma n est ne n and a Fed era Fund ed e e gh a ood roo e e gh a m ro ements n add t on to those comm entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram Su ort the d e er o n and a</p>
<p>gand ra</p>	<p>e e gh a erta ng anes Mu t reg on n and a Fed era Fund ed e e gh a m ro ements n add t on to those comm entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram Su ort the d e er o n and a</p>
<p>ach an</p>	<p>enr ar es a m ro ements entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram</p>
<p>thgo</p>	<p>e nterc t Feet Mu t reg on grad es to Ma n est ne e athurst u et ser ce e s ne o oad m ro ements Mt ctor a to range road corr d or m ro ements to ach e e tra e t mesa ngs and road sa et outcomes entra est and rana eg ona Trans ort an onnect ng the entra est and rana rogram ectr cat on o nterc t to athurst ast ereagh gh a m ro ements Mud gee thgo</p>
<p>M d estern eg ona</p>	<p>ub cTrans ort or so ated commun t es entra est and rana eg ona Trans ort an</p>



Future Transport

	<p>connect ng the entra est and rana rogram                  ubbo to e cast era connect on                  ast ereagh gh a m ro ements Mud gee thgo</p>
arrom ne	<p>e e gh a erta ng anes Mu t reg on                  n and a Fed era Fund ed                  Mtche gh a o erta ng anes ubbo to arrom ne                  n and a ntermod a Fac t n est gat ons                  e e gh a m ro ements n add t on to those comm                  arr er gh a m ro ements ubbo ro en                  entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram                  Su ort the de er o n and a                  Mtche gh a m ro ements</p>
beron	<p>entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram</p>
range	<p>grad es to Ma n est ne                  eg ona gro th buses                  Mt ctor a to range road corr d or m ro ements to ach e e                  tra e t me sa ngs and road sa et outcomes                  tend ng athurst commuter ra to range                  range ace an                  entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram                  Mtche gh a m ro ements</p>
ar es	<p>e e gh a ar es ass ann ng                  e e gh a erta ng anes Mu t reg on                  grad es to Ma n est ne                  n and a Fed era Fund ed                  enr ar es a m ro ements                  e e gh a m ro ements n add t on to those comm                  entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram                  Su ort the de er o n and a</p>
arren	<p>arr er gh a m ro ements ubbo ro en                  entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram                  Mtche gh a m ro ements</p>
arrumbung e Sh re	<p>e e ann gh a m ro ements through oonabarabran                  e e gh a erta ng anes Mu t reg on                  o den gh a Sa et and rod uct t or s State and                  Fed era Fund ed                  n and a Fed era Fund ed                  o den gh a m ro ements cont nuat on                  e e gh a m ro ements n add t on to those comm                  grade roads n the oonamb e and arrumbung e area                  entra est and rana eg ona Trans ort an                  onnect ng the entra est and rana rogram                  ubbo to e cast era connect on                  Su ort the de er o n and a</p>
ed d n	<p>e e gh a erta ng anes Mu t reg on                  n and a Fed era Fund ed                  e e gh a ood roo                  e e gh a m ro ements n add t on to those comm                  entra est and rana eg ona Trans ort an</p>



Future Transport

	<p>connecting the intra-city and urban program                  Supporting the development and infrastructure</p>
Far East	
Aranda	<p>Sturt Highway improvements                  Murray Road program                  The Outer Track sea wall Aranda Anahoe                  Far East Regional Transport Plan</p>
Ourie	<p>Amaro Highway improvements                  Dmanah Highway improvements                  Far East Regional Transport Plan                  Mitchell Highway improvements</p>
Perth	<p>Suburban Transport or so-called communities                  Amaro Highway improvements                  Far East Regional Transport Plan</p>
Roeline	<p>Sturt Highway Sea Tension                  Sturt Highway sea wall program                  Arrergh Highway improvements                  Roeline                  Far East Regional Transport Plan</p>
Enterprise	<p>Sturt Highway Sea Tension                  Sturt Highway sea wall program                  Arrergh Highway improvements                  The Outer Track sea wall Aranda Anahoe                  Far East Regional Transport Plan</p>
Oban	<p>Dmanah Highway improvements                  Arrergh Highway improvements                  The Outer Track sea wall Aranda Anahoe                  Far East Regional Transport Plan</p>
Incorporated Area	<p>Sturt Highway Sea Tension                  Sturt Highway sea wall program                  Arrergh Highway improvements                  Far East Regional Transport Plan</p>
Aggett	<p>Suburban Transport or so-called communities                  Amaro Highway improvements                  Far East Regional Transport Plan</p>
North	<p>Sturt Highway Sea Tension                  Sturt Highway sea wall program                  Sturt Highway improvements                  Murray Road program                  Far East Regional Transport Plan</p>



Future Transport

M M M P d P M

Statewide Policy and Planning Initiatives				
	0-10 years committed	0-10 years for investigation	10-20 years for investigation	20+ years visionary
<b>ALL MODES</b>				
Regional Transport Plans		●	○	○
Place plans		●	○	○
Access Prioritisation Plan		●	○	○
Regional Parking Guidelines		●	○	○
Transport Corridor Planning	●		○	○
<b>ROAD</b>				
Road Classification Review	●			
Road network management system		●	○	○
Fleet leasing policy		●	○	○
Fuel vouchers policy		●	○	○
Car share package		●	○	○
Town bypasses, identification of future need		●	○	○
Implementation of traffic incident and information services		●	○	○
<b>PUBLIC TRANSPORT - BOOKING AND TICKETING</b>				
Regional Booking System		●		
Mobility as a Service (MaaS)		●		
Next generation ticketing		●		
Fare alignment		●		
Cross border public transport pricing and regulation MoUs		●		
<b>RAIL</b>				
Rail Network Optimisation Program		●	○	○
Regional Rail Fleet Project	●			
<b>BUS</b>				
Country Passenger Infrastructure Grants Scheme	●		○	○
<b>ON DEMAND</b>				
School Bus and Community Transport Model development		●		
<b>PUBLIC TRANSPORT - OTHER</b>				
First stop Transport	●		○	○
<b>MARITIME</b>				
Maritime Safety Program		●	○	○
<b>ACTIVE TRANSPORT</b>				
Assisted Mobility Device Strategy		●	○	○
<b>ASSET MANAGEMENT</b>				
'Whole of life' Approach Plan		●	○	○
<b>TECHNOLOGY</b>				
CAV, electric vehicle and Intelligent Transport System trials		●		
CAV Readiness Program		●	○	
Electric Vehicle Policy		●	○	○
<b>DATA</b>				
Data collection improvements for Regional NSW	●		○	○

○ For further investigation if initiative is successful and/or required



Future Transport

Statewide Infrastructure Initiatives				
	0-10 years committed	0-10 years for investigation	10-20 years for investigation	20+ years visionary
<b>ALL MODES</b>				
Continuation of port efficiency, access and integration initiatives		●	○	○
Deliver Place Plans		●	○	○
Deliver Access Prioritisation Plan		●	○	○
Deliver Transport Corridor Planning	●		○	○
<b>ROAD</b>				
Resilience Package		●	○	○
Towards Zero Infrastructure Program		●	○	○
Local Government Road Safety Program	●	◌	○	○
Sealing Country Roads Program		●	○	○
Bridges for the Bush Program	●	◌	○	○
Slopes and Culverts Condition Program		●	○	○
Fixing Country Roads	●	◌	○	○
Heavy vehicle rest areas	●	◌	○	○
Last Mile Productivity Program		●		
Deliver Road Network Management System		●	○	○
Safer Roads Program	●		○	○
Regional Road Freight Corridor Fund	●	◌	○	○
Saving Lives on Country Roads Program	●	◌	○	○
Implementation of Traffic Incident and Information Services		●	○	○
Deliver Town Bypasses		●	○	○
<b>AVIATION</b>				
Regional Airports Program	●			
<b>RAIL</b>				
Deliver New Intercity Fleet	●			
Fixing Country Rail	●	◌	○	○
Rail Network Optimisation Program		●	○	○
Deliver Regional Rail Fleet Project	●			
<b>INTERCHANGES</b>				
Transport Access Program	●		○	○
Deliver Inland Port		●		
<b>MARITIME</b>				
Deliver NSW Boating Now Program	●			
Deliver Maritime Safety Program		●	○	○
<b>ACTIVE TRANSPORT</b>				
Deliver Walking and Cycling Program		●	○	○
<b>TECHNOLOGY</b>				
Intelligent Transport Systems		●	○	○
Deliver CAV Readiness Program		●	○	
Deliver Electric Vehicle Policy		●	○	○
Deliver Regional Booking System		●		

○ For further investigation if initiative is successful and/or required  
 ◌ Continuation of initiative, investigation of program funding



Future Transport

Statewide Service Initiatives				
	0-10 years committed	0-10 years for investigation	10-20 years for investigation	20+ years visionary
<b>ALL MODES</b>				
Deliver the Regional Passenger Transport Strategic Framework and Delivery Model	●		○	○
Deliver Hub and Spoke Model	●		○	○
<b>AVIATION</b>				
Increase availability of regional slots at Sydney's airports during peak hours	●		○	○
<b>RAIL</b>				
Rail Network Optimisation Program		●	○	○
Deliver Regional Rail Fleet Project	●			
<b>ON DEMAND</b>				
Demand responsive transport services	●		○	○
<b>ACTIVE TRANSPORT</b>				
Active Transport Sharing Scheme		●	○	○
<b>TECHNOLOGY</b>				
Aerial technology use		●	○	○

○ For further investigation if initiative is successful and/or required





Our ref: DOC20/436131

Ms Sarah Lees  
Director, Southern Region  
Department of Planning, Industry and Environment  
[sarah.lees@planning.nsw.gov.au](mailto:sarah.lees@planning.nsw.gov.au)

CC: Mr Warwick Bennett  
General Manager  
Goulburn Mulwaree Council  
[council@goulburn.nsw.gov.au](mailto:council@goulburn.nsw.gov.au)

### Draft Goulburn Mulwaree Local Strategic Planning Statement

Dear Ms Lees

We write to comment on Goulburn Mulwaree Council's draft Local Strategic Planning Statement.

Heritage, culture, history and tradition are fundamental aspects of the identity of a place, and can include Aboriginal, non-Aboriginal, natural, archaeological, movable, maritime and intangible cultural heritage. These aspects define the local character of a place and help create and maintain a sense of meaning for communities.

Local Strategic Planning Statements (LSPS) provide an important opportunity for communities to describe the local character of their places, and what makes them distinctive and different from other places. Through the LSPS, Heritage NSW encourages both Council and the Department of Planning, Industry and Environment (the Department) to consider how known and potential heritage places and values contribute to the local character and sense of place for their community.

We have prepared some general guidance for councils to consider in the preparation of their LSPS, this is provided at **Attachment 1**.

Heritage NSW supports many of the initiatives in Goulburn Mulwaree Council's LSPS, including:

- consultation with the local Aboriginal community in preparation of studies and assessments
- preparation of an updated Heritage Strategy
- reviewing Council's Local Environmental Plan (LEP) and Development Control Plan (DCP) to ensure incentives to encourage adaptive reuse of heritage items
- preparation of a Cultural Heritage Landscape Strategy
- undertaking an inventory and maintenance program for Council owned heritage assets to assist with grant applications for maintenance
- continuing to maintain a Local Heritage Grant Scheme and Main Street Heritage Grants
- working with landowners to identify appropriate adaptive reuse opportunities for heritage sites, particularly large significant sites which are currently vacant, and
- continuing to participate in the Local Heritage Advisor Program with Heritage NSW.

Level 6, 10 Valentine Ave Parramatta NSW 2150 ■ Locked Bag 5020 Parramatta NSW 2124  
P: 02 9873 8500 ■ E: [heritagemailbox@environment.nsw.gov.au](mailto:heritagemailbox@environment.nsw.gov.au)



While these initiatives are positive, we consider that there are opportunities to provide a greater level of information on Council's heritage and how it is considered during planning. The greatest opportunity here is a stronger focus on and consideration of both Aboriginal and non-Aboriginal heritage in the LSPS, and Council's LEP and DCP.

Areas we suggest that Council and the Department consider when finalising the LSPS are:

- if the relevant Aboriginal communities and/or groups have not already been consulted about the content of the LSPS, this should be done prior to the LSPS being finalised
- we note that Council has identified preparation of a Cultural Heritage Landscape Strategy. It is unclear whether this is an Aboriginal Cultural Heritage (ACH) Landscape Strategy or refers to broader cultural heritage. The Strategy should be prepared as a matter of priority and used to inform amendments to Council's LEP to protect both Aboriginal and non-Aboriginal cultural landscapes
- considering the linkages between culture, heritage and tourism, and the opportunities culture and heritage bring for economic growth
- further articulating heritage as it relates to local character, including potentially identifying clusters of places and items which contribute to the significant character of the place, and
- considering the linkages between actions and priorities, e.g. the ways in which heritage and culture contribute to attractive and liveable places, local employment and community wellbeing.

This would help better align Council's local strategic planning with the *South East and Tablelands Regional Plan*, specifically Direction 23 – Protect the regions heritage.

Our records show that, in addition to the items of local heritage significance which are listed under *Goulburn Mulwaree LEP 2009*, the local government area contains:

- 28 State Heritage Register items, and
- 995 Recorded Aboriginal Sites.

Care must be taken to avoid impacts on these items and sites, and consideration needs to be given as to how to mitigate any impacts where they are unavoidable. We can provide specific information and more detailed advice on the State heritage items and Aboriginal sites if required.

Heritage NSW has several publications which may be of assistance when addressing the heritage objectives of the LSPS. These objectives should be incorporated with environmental, social and economic considerations to achieve high quality strategic planning outcomes. These publications are available online at [environment.nsw.gov.au/Heritage/publications/index.htm](http://environment.nsw.gov.au/Heritage/publications/index.htm).

Additionally, Government Architect NSW's (GANSW) recent publication *Design Guide for Heritage* may be of use, this can be found at [governmentarchitect.nsw.gov.au/guidance/heritage](http://governmentarchitect.nsw.gov.au/guidance/heritage). GANSW is also undertaking a project to explore opportunities and approaches for *Designing with Country*, more information on this can be found at [governmentarchitect.nsw.gov.au/projects/designing-with-country](http://governmentarchitect.nsw.gov.au/projects/designing-with-country).

If you have any questions regarding this matter please contact James Sellwood, Senior Heritage Programs Officer, Statewide Programs at Heritage NSW, Department of Premier and Cabinet by phone on 02 9274 6354 or via email at [james.sellwood@environment.nsw.gov.au](mailto:james.sellwood@environment.nsw.gov.au).

Yours sincerely



**Rochelle Johnston**  
**Manager, Statewide Programs**

Per **Pauline McKenzie**

**Executive Director**  
**Heritage NSW**

As delegate of the Heritage Council of NSW  
30 June 2020



**Attachment 1****Heritage in Local Strategic Planning Statements**

Heritage NSW encourages councils to take a strategic approach to developing and implementing the priorities, policy positions and actions in its Local Strategic Planning Statement (LSPS). To ensure that the LSPS provides strong strategic guidance with regards to both Aboriginal and Historic heritage, we recommend that it should consider the following:

**Character Statements**

Character Statements which recognise heritage and culture as a fundamental aspect of the identity of the place.

**Planning Priorities**

Planning Priorities which:

- identify Aboriginal cultural heritage and Historic heritage values and opportunities to protect and celebrate those values
- recognise the contribution which Aboriginal cultural heritage and Historic heritage make to the sense of place and belonging of a local area
- support the protection and celebration of heritage sites and values
- identify and celebrate the diversity and heritage of the many cultural groups in the community, and
- recognise that Aboriginal and Historic heritage and diversity are a cultural asset and potential driver of tourism and economic growth and the opportunities that this can provide.

**Actions**

Actions which:

- capture the identification, appropriate protection, interpretation and promotion of Aboriginal cultural heritage and Historic heritage
- require meaningful and ongoing consultation with the Aboriginal community to identify important values and potential issues regarding cultural heritage and connection to land
- require meaningful, ongoing and representative community engagement which captures the diversity of the local community
- require consultation with State Government agencies in relation to both Aboriginal cultural heritage and Historic heritage
- support the ongoing identification and documentation of heritage places and context early, to assist more detailed planning actions to avoid or mitigate impact on heritage items and places
- where possible, strategically identify key heritage places and clusters
- support heritage asset revitalisation and adaptive reuse
- provide guidance for sensitive heritage areas subject to major infrastructure or development
- identify funding and resourcing for Aboriginal and Historic heritage priorities
- allow for the development of plans and strategies which interpret, celebrate and promote Aboriginal and non-Aboriginal identity, culture and heritage, and
- develop strategies and programs to tell the story of a local area, and the diversity of its history and culture.

**Naming of Public Authorities**

Following the 2019 Machinery of Government changes, the names of many public authorities have changed. The Office of Environment and Heritage (Heritage Division) is now Heritage NSW. Councils should update their LSPS to reflect these new public authority names.



Sarah Lees  
Southern Region  
Local and Regional Planning

Our ref: DOC20/444248-2

Your ref: Goulburn LSPS

Attention: Graham Towers  
[Graham.towers@planning.nsw.gov.au](mailto:Graham.towers@planning.nsw.gov.au)

Dear Sarah

**Subject: Draft Goulburn Local Strategic Planning Statement**

I refer to your request for Environment, Energy and Science, within the Department to review and provide comments on the draft Goulburn Local Strategic Planning Statement (LSPS).

Overall, the LSPS has aligned well with the principles and directions set out in the South East and Tablelands Regional Plan for matters relating to floodplain risk management, climate change, Aboriginal cultural heritage and biodiversity. Our detailed comments and some suggested changes are provided in Attachment 1.

Please contact Lyndal Walters on 02 6229 7157 if you would like to discuss our suggestions.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Michael Saxon', is written over a light blue horizontal line.

1/7/2020

**MICHAEL SAXON**  
Director  
South East, Biodiversity and Conservation

Enc: Attachment 1- Detailed comments on the Goulburn Local Strategic Planning Statement



**Attachment 1 - comments on the Goulburn Local Strategic Planning Statement**

Minor changes – Abbreviations - DPIE is Department of Planning Industry and Environment, not Department of Planning Industry & Development.

**Biodiversity**

We strongly support Council’s proposed action to update the mapping in the Biodiversity Strategy. This will assist Council in addressing the *South East and Tablelands Regional Plan 2036* (the Regional Plan), in particular Directions 14, 15, and 28.

Areas of validated High Environmental Value land should be protected by environmental zoning. This is supported by Action 14.2 of the Regional Plan which requires that areas of validated high environmental value lands are protected in local environmental plans.

The Biodiversity Strategy should be informed by the most up to date validated mapping and encompass all areas of high environmental value land.

Once developed, the Biodiversity Strategy can then be used to develop the Plans of management for natural areas, including parks and areas of cultural significance. It should be used to further inform the remaining strategies that council is developing including the Urban and Fringe Housing Strategy, Villages Strategy, Agriculture and Resource Lands Strategy. The biodiversity strategy would also be useful for any land use zonings changes and updating the Local Environmental Plan (LEP) in due course.

We have provided detailed advice on how Council can address the Regional Plan directions in our comments in Table 1 below.

**Table 1 – Detailed comments on biodiversity related Priorities and Actions in the Eurobodalla Local Strategic Planning Statement**

Planning Priority	Planning Principle	Action	BCD comment
Infrastructure		Upgrade Hume Highway access to North Goulburn and South Marulan Medium – Long (industry and economy)	The Biodiversity Strategy should be used to inform these Actions.
		Upgrade the East-West haulage route from Nerriga to Goulburn. Medium (as per above)	
		Planning decisions at all levels made to protect essential infrastructure such as water/waste sewerage facilities from encroachment from other land uses.	



Planning Priority	Planning Principle	Action	BCD comment
Community Facilities, Open space and Recreation		Continue to investigate funding opportunities for the Goulburn to Crookwell Rail Trail.	Rail corridors can be valuable biodiversity corridors and areas of high environmental value land. The Biodiversity Strategy should address these areas.
Housing		Adopt, implement and monitor an Urban and Fringe Housing Strategy Short term	<p>We have previously provided input into this strategy and reiterate our overall position that it is important that the strategy identifies early in the planning process, the important high environmental value areas to be avoided in subsequent re-zoning processes. There are some patches of validated moderate/good condition box woodland and Natural temperate grassland Endangered Ecological communities which should be protected through the LEP amendment process.</p> <p>This will ensure that this Action meets Direction 14 of the Regional Plan which requires that important environmental assets are protected.</p>
		Prepare a Villages Strategy, to identify what, if any capacity the relevant villages have for further growth. Medium term	The updated Biodiversity Strategy could be used to inform this Action. This would provide information on areas of suitable growth, whilst avoiding high value environmental land in accordance with Direction 14 of the Regional Plan.
Primary Industry		Prepare an Agriculture and Resource Lands Strategy Short term	<p>We note that the preamble states that “a review of the extent of the RU6 Transition zone is therefore considered a priority”</p> <p>The LSPS states that challenges for land use include identification and management of natural resources.</p> <p>The updated Biodiversity Strategy should be used inform the development of the Agriculture and Lands Strategy. This Strategy should also include provisions for the protection of Travelling Stock Reserves (TSRs) as required in Action 14.6 of the Regional Plan. TSRs can form biodiversity corridors which contain significant areas of endangered ecological communities and provide habitat for threatened species. Alternatively, TSRs could be included in the Biodiversity Strategy.</p>



Planning Priority	Planning Principle	Action	BCD comment
Natural Environment	Preserve and maintain natural environments		We support this principle which reflects Direction 14 of the Regional Plan.
	Identify and enhance biodiversity connections		We support this principle which reflects Direction 15 of the Regional Plan.
	Maintain a balance between growth, development and environmental protection		The Biodiversity Strategy can inform this principle and the supporting actions. The tools in the <i>Biodiversity Conservation Act 2016</i> may also be of use for some of the Actions .
		Review land use zonings for Environmental zones in the Local Environmental Plan. Medium	Direction 14 provides guidance on the protection of validated high environmental value land. In particular that they are protected in local environmental plans. In addition, Ministerial Direction 2.1 provides guidance on environment protection zones. Council will need to consider these during the review of these land use zonings.
		Identify opportunities to link natural areas and habitat corridors through appropriate zoning Medium	BCD can assist Council with undertaking strategic, landscape scale assessments of biodiversity and areas of high environmental value in accordance with Direction 14, Action 14.5 of the Regional Plan.  The Regional Plan has mapping available for state and regional biodiversity corridors and high environmental value land.
		Review and update the Goulburn Mulwaree Biodiversity Strategy 2007 to include more detailed vegetation mapping. Short - Medium	We support Goulburn Mulwaree Councils intention to review and update the 2007 Biodiversity Strategy to include more detailed mapping.  Council should note that the <i>South East and Tablelands Regional Plan 2036</i> requires through Goal 2, Direction 14 that all areas of validated high environmental value (HEV) land should be protected in local planning instruments.  Therefore, in addition to updating the mapping, Council should consider the following to ensure that the Biodiversity Strategy identifies and defines the following actions; <ul style="list-style-type: none"> <li>Identify biodiversity priority areas in LGA.</li> </ul>



Planning Priority	Planning Principle	Action	BCD comment
			<ul style="list-style-type: none"> <li>• Identifying islands/patches of contiguous vegetation and where the key habitat linkages and connections are between this vegetation.</li> <li>• Identify threats to biodiversity.</li> <li>• Define Actions to protect priority areas and reduce threats.</li> <li>• Provide strategic direction and information to guide investment on private and public lands.</li> </ul> <p>The Biodiversity Strategy could also include Travelling Stock Routes (TSRs) within the Goulburn Mulwaree LGA.</p> <p>There are several TSRs in the LGA that have high conservation value. Travelling stock reserves can form biodiversity corridors and can contain significant areas of endangered ecological communities such as Box-gum woodland and provide habitat for threatened species such as koalas. This would address Direction 14, Action 14.6 of the Regional Plan which requires TSRs are protected in local strategies.</p> <p>Council should also be aware of the new Ministerial Direction which requires councils preparing planning proposals to identify areas of core koala habitat and zone the land Environmental Protection or include provisions that control the development of the land to consider impact on koalas and their habitat. This should be considered in the development of any biodiversity framework/strategies and subsequent LEPs.</p>
		<p>Update Council's Development Control Plan (DCP) provisions for vegetation management to reflect changes to legislation. Short term</p>	<p>We can provide support and advice to council as required.</p>
		<p>Update Plans of Management for natural areas, parks</p>	<p>The updated Biodiversity Strategy can inform this Action. We can provide support to council for landscape scale assessments of biodiversity and areas of</p>



Planning Priority	Planning Principle	Action	BCD comment
		and areas of cultural significance. Short term	high environmental value as set out in Direction 14 of the Regional Plan.
		Investigate potential for large biodiversity offset sites on Council owned land to support future development in the LGA and/or region.	<p>There are now a broad range of proposals which can access biodiversity certification under the <i>Biodiversity Conservation Act 2016</i> (BC Act). It is available in both urban and rural settings, and both planning authorities (such as local government), and individuals can seek biodiversity certification.</p> <p>Two types of biodiversity certification are available:</p> <ul style="list-style-type: none"> <li>• <b>Standard</b> - available to both landholders and planning authorities</li> <li>• <b>Strategic</b> - available only to planning authorities, to support significant regional development and planning processes.</li> </ul> <p>The updated Biodiversity Strategy should be used to inform Council of suitable areas for these offset sites.</p> <p>There are areas of high environmental value in the Goulburn Mulwaree LGA, including state significant biodiversity corridors as detailed in the Regional Plan.</p> <p>Direction 15: Enhance Biodiversity Connections, requires that local strategies protect and enhance the function and resilience of biodiversity corridors, that the location and boundaries of regional biodiversity corridors are confirmed and validated, and that offsets from approved developments are focused to regional biodiversity corridors where possible.</p> <p>BCD can support council by providing the latest spatial data for mapped high environmental value land. Up to date mapping, as well as validation rules for validating this mapping can be found at <a href="http://www.seed.nsw.gov.au/">http://www.seed.nsw.gov.au/</a>.</p>
		Update the Goulburn Mulwaree Rural Living Handbook	The updated Biodiversity Strategy can inform the update of this handbook. We are also able to provide detailed advice to council as required.





### Aboriginal cultural heritage values

We strongly support the planning principles and actions set out for Heritage (pages 39 and 40). We note the challenge of promoting heritage as an opportunity rather than a constraint to development and commend Council for maintaining planning provisions to protect and conserve heritage items and conservation areas. We support the action to ensure consultation is undertaken with the Aboriginal community during the preparation of any studies and assessments.

We support the principle to preserve Aboriginal heritage and culture at both the strategic and development assessment stages of planning. This complements the actions outlined in Direction 23 of the *South-East and Tablelands Regional Plan 2036*. Early assessment and consultation provide both up front measures to avoid or mitigate impacts to cultural values and greater certainty for stakeholders in any development assessment process.

We recommend any review of the LEP and DCP provisions also provides an opportunity to review the 2012 *Goulburn Mulwaree LGA Aboriginal Heritage Study*. The principle to undertake a Cultural Heritage Landscape Strategy could be used to map and list sensitive values as heritage conservation areas during any review of the LEP. We can support Council's priorities and actions related to Aboriginal cultural heritage values through assistance with data sharing and technical advice.

In relation to Aboriginal Places and State Heritage Listings please note these matters are now regulated by Heritage NSW within the Department of Premier and Cabinet. If you wish to follow up on these matters, please make contact via email at: [heritagemailbox@environment.nsw.gov.au](mailto:heritagemailbox@environment.nsw.gov.au).

### Climate change

The Climate Resilience and Net Zero Emissions Branch supports the inclusion of climate change resilience and emissions reduction actions in the following Planning Priorities for Goulburn Mulwaree Council's LSPS:

- Infrastructure
- City Town and Village Centres
- Community facilities, Open space and Recreation
- Housing
- Primary Industry
- Sustainability
- Natural Hazards
- Natural Environment

The Branch recommends that Goulburn Mulwaree Council also consider the following suggested changes and actions within their Local Strategic Planning Statement:

*Climate change information p35 and p38* There are some slight errors in the stating of your climate change projections. Please replace the following sections:

p35 Your text: Temperature is the most reliable indicator of climate change, and across the South East and Tablelands Region all of the models agree that average, maximum and minimum temperatures are increasing.





Our comment: the models don't comment on past and current temperatures but provide projections for the future. A good reference for observed climate change in Australia is <http://www.bom.gov.au/state-of-the-climate/australias-changing-climate.shtml>.

Alternatively change your statement to: Across the South East and Tablelands Region average, maximum and minimum temperatures are expected to increase in the near (2020-2039) and far (2060-2079) future.

p38 Your text: Whilst rainfall is expected to decrease over time, the intensity of rain fall is expected to increase which has the potential to affect flooding.

Suggested change: Projections for the region's annual average rainfall span both drying and wetting scenarios for the near and far future. However, all models agree that spring rainfall will decrease. Rainfall changes are also associated with changes in the extremes, which could affect the severity of flood and drought.

The Branch recommends that Goulburn Mulwaree Council consider the following additional actions within their Local Strategic Planning Statement:

*Planning Statement: City Town and Village Centres p19*

Consider including the following actions:

- Consider and implement a range of urban design and land use planning strategies to create healthy built environments utilising the [Urban Design for Regional NSW](#) guidance from Government Architect NSW. To minimise heat in local government areas consider action in [Minimising the Impacts of Extreme Heat: A guide for Local Government](#).

*Planning Statement: Natural hazards p37*

Consider including the following actions:

- Consider updated climate change information and monitor and report to the community on progress against climate resilience and net zero goals.
- Help communities and businesses to understand and respond to climate related risks and opportunities by providing climate information, building capacity and unlocking financial mechanisms to help fund emission reductions and climate adaptation. (Action 17.4, South East and Tablelands Regional Plan).

*Planning Statement: Natural Environment p41*

Consider including the following action:

- Protect, enhance and increase natural and green spaces by considering ecosystem change and species shift from climate change, and applying ecosystem adaptation into strategic planning and land protection.
- Locate, design, construct and manage new developments to minimise impacts on water catchments, including downstream impacts and groundwater sources. (Action 18.1 South East and Tablelands Regional Plan)

*Planning Statement: Sustainability p35*

Consider including the following actions:



- Assess community carbon emissions and develop and implement a plan to reduce emissions in consultation with the community. Consider including the Goulburn Mulwaree emissions profile available at <https://snapshotclimate.com.au/locality/australia/new-south-wales/goulburn-mulwaree/>

*Planning Statement: Primary Industry*

Consider including the following actions noted in the South East and Tablelands Regional Plan under *Direction 6: Position the region as a hub of renewable energy excellence*; such as:

- Encourage the co-location of renewable energy projects to maximise infrastructure, including corridors with access to the electricity network (Action 6.3)
- Promote best practice community engagement and maximise community benefits from renewable energy projects (Action 6.4)
- Promote appropriate smaller-scale renewable energy projects using bioenergy, solar, wind, small-scale hydro, geothermal or other innovative storage technologies. (Action 6.5)

Consider referring to climate change data and assess the impact on tourism and agriculture via increased temperatures, number of hot days, fewer cold nights, changes to rainfall leading to more extreme floods and droughts, and changes to fire weather. Use the , 'Large regional towns', 'Agricultural service centres', 'Extensive grazing', 'Agricultural service centres', 'Potable water supply', 'Off-reserve conservation', 'Public land management' and 'Emergency management' transition models outlined in the *Enabling Adaptation in the South East report (2017)* to generate further actions to increase climate readiness.

*Further resources*

More detailed information of these actions and the support available to council is outlined in the Attachments

- 'DPIE LSPS Advice – CLIMATE CHANGE – South east and Tablelands Region'.

Please email [netzero@environment.nsw.gov.au](mailto:netzero@environment.nsw.gov.au) to request a copy of the DPIE publication:

- *Net Zero Emissions Guidance for NSW Councils – helping councils plan for a low emissions future*

Further information about the NSW Net Zero Plan is available at:

<https://www.environment.nsw.gov.au/topics/climate-change/net-zero-plan>

Further information is also available at <https://climatechange.environment.nsw.gov.au/Adapting-to-climate-change/Local-government/Adaptation-planning>

[Melinda.Hillery@environment.nsw.gov.au](mailto:Melinda.Hillery@environment.nsw.gov.au) and [Glenda.Stowell@environment.nsw.gov.au](mailto:Glenda.Stowell@environment.nsw.gov.au)



CLIMATE CHANGE - South East and Tablelands Region	
<b>Regional Plan context</b>	<p>The <a href="#">South East and Tablelands Regional Plan</a> recognises the importance of mitigating and adapting to climate change and increasing the region's resilience in response to drivers of change and its capacity to adapt specifically relating to the following Directions:</p> <p>Direction 6: Position the region as a hub of renewable energy excellence</p> <ul style="list-style-type: none"> <li>• 6.1 Identify opportunities for renewable energy industries</li> <li>• 6.2 Develop analytical tools to map large-scale renewable energy potential</li> <li>• 6.3 Encourage the co-location of renewable energy projects to maximise infrastructure including corridors with access to the electricity network</li> <li>• 6.4 Promote best practice community engagement and maximise community benefits from renewable energy projects</li> <li>• 6.5 Promote appropriate smaller-scale renewable energy projects using bioenergy, solar, wind, small-scale hydro, geothermal or other innovative storage technologies</li> </ul> <p>Direction 17: Mitigate and adapt to climate change</p> <ul style="list-style-type: none"> <li>• 17.1 - Enhance government service delivery and implement local initiatives to address climate change impacts on local communities.</li> <li>• 17.2 - Collaborate with the ACT Government to reduce emissions and adopt adaptation strategies.</li> <li>• 17.3 - Support councils to assess and respond to impacts and opportunities associated with a changing climate.</li> <li>• 17.4 - Help communities and businesses to understand and respond to climate related risks and opportunities by providing climate information, building capacity and unlocking financial mechanisms to help fund emission reductions and climate adaptation.</li> </ul> <p>The <a href="#">Enabling Adaptation in the South East (EASE) 2017</a> report aligns with a number of other regional plan directions which are relevant when looking to build regional resilience to climate change, these are:</p> <p>Direction 3: Develop the Snowy Mountains into Australia's premier year-round alpine destination</p> <p>Direction 5: Promote agricultural innovation, sustainability and value-add opportunities</p> <p>Direction 8: Protect important agricultural land</p> <p>Direction 9: Grow tourism in the region</p> <p>Direction 14: Protect important environmental assets</p> <p>Direction 15 Enhance biodiversity connections</p> <p>Direction 16: Protect the coast and increase resilience to natural hazards (see Coasts and Floods advice specifically on this area)</p> <p>Direction 18: Secure water resources</p>



	<p>Direction 20: Enhance access to goods and services by improving transport connections</p> <p>Direction 21: Increase access to health and education services</p> <p>Direction 26: Coordinate infrastructure and water supply in a cross-border setting</p>
<p><b>NSW Government legislation and industry guidance</b></p>	<p>In accordance with the NSW Government's <a href="#">NSW Climate Change Policy Framework (2016)</a>, NSW has a target of net zero emissions by 2050 and planning for greater resilience to a changing climate.</p> <p>The <a href="#">Integrated Regional Vulnerability Assessment: South East New South Wales Pilot Study (2012)</a> and the <a href="#">Enabling Adaptation in the South East (EASE) (2017)</a> reports provide a strong evidence base for identifying adaptation pathways and opportunities to minimise climate change impacts on local communities.</p> <p><a href="#">Enabling Adaptation in the South East (EASE) (2017)</a></p> <p>The South East and Tablelands is made up of many component parts (or systems) that all contribute to how the region currently functions (business-as-usual) and its trajectory of future development. For persistent and disruptive drivers such as climate change, more fundamental and transformative change may be required to adapt regional systems.</p> <p>For the South East and Tablelands, twelve regional systems were identified as particularly vulnerable and in need of change to ensure effective ongoing government service planning and delivery:</p> <ul style="list-style-type: none"> <li>• Potable water supply</li> <li>• Public land management</li> <li>• Off reserve conservation</li> <li>• Coastal ecosystem management</li> <li>• Extensive grazing</li> <li>• Irrigated dairying</li> <li>• Emergency management</li> <li>• Agricultural service centres</li> <li>• Large regional towns</li> <li>• Coastal development</li> <li>• Alpine tourism</li> <li>• Coastal tourism</li> </ul>
<p><b>LSPS commitments</b></p>	<p><b>Mitigate and adapt to climate change</b></p>
<p><b>Data to consider</b></p>	<p><b><u>Climate Change projections - NSW and ACT Regional Climate Model (NARClIM)</u></b></p> <p>For your local government area, you can obtain climate change projection data available through the <a href="#">Climate Data Portal</a>.</p> <p>The NSW Government has developed Climate Change Snapshots for all state planning regions. The snapshots provide details of the:</p> <ul style="list-style-type: none"> <li>• likely changes in climate (temperature and rainfall) by 2030 and 2070</li> <li>• likely changes to Severe Fire Weather by 2030 and 2070</li> <li>• likely changes to Hot days (maximum temperatures &gt;35°C)</li> </ul>





- likely changes to Cold nights (minimum temperatures  $<2^{\circ}\text{C}$ ).

[South East and Tablelands Climate Change](#) data can be downloaded in pdfs and zip files full of information on the climate change projections.

#### **Council Climate Change Risk Assessments, Adaptation Plans and Strategies**

The majority of councils across NSW have completed a climate change risk assessment (>90%) with many also having prepared an adaptation plan or strategy. These assessments, plans and strategies may identify priorities and actions that are suitable for inclusion in the LSPS.

#### **Increasing Resilience to Climate Change**

NSW Government Increasing Resilience to Climate Change grants program funds the implementation of Council led projects to address identified climate risks. The delivery of these projects may be relevant in the context of the LSPS and should be considered when identifying potential actions for inclusion in the LSPS.

#### **Enabling Adaptation in the South East (EASE) report: Transition Pathway consideration for LSPS strategic actions**

Change models for each of the twelve regional systems identified for the South East and Tablelands have been developed to describe:

1. the regional system (or set its boundaries)
2. the most important drivers acting on the system, which currently may not be climate related; however, the impacts of non-climate drivers will likely be amplified by climate change
3. business-as-usual (BAU) (or the way the system currently operates)
4. a series of transition pathways that emerge from business-as-usual in response to the need for change
5. a desirable future system, transformed by progress along the transition pathways.

Transition pathways identify new practices/changes/trends that may serve as an alternative to BAU that are emerging now or in the near future. These pathways could emerge from changes in the economy, society, the environment, technological development or politics. A transition pathway can be used as a data source to develop specific local strategic action embedded in a LSPS.

Transition pathways can be found in the report along the arrow of a system model which connects from business as usual to the transformed system. The example below is from the Large Regional Towns model.

A specific example of a transition pathway from this model is:

*“improve freight and public transport services”*



2014: Large Regional Towns

**Business as usual**

- Service provision for surrounding region;
- Coping with changing demographics;
- Some welfare dependent communities;
- Seasonal tourism;
- Trying to attract new residents;
- Natural disaster planning.

**Future Transition Pathways**

- Improve freight & public transport systems
- Opportunities for renewable energy centres
- Satellite tourism connecting regional centres
- Improve medical services
- Regional telecommunication hub
- Improved water use and reuse
- Support for young entrepreneurship
- Mixed use town planning & development

**Transformed system**

- Towns supported by appropriate mix of: tele-services hubs; renewable energy & health business centres; regional tourism gateways; residential lifestyle centres.
- Water self sufficiency (capture, storage, re-use of stormwater & sewerage).

2050

**Carbon emissions in the Local Government Area (LGA)**

The NSW Government has a target of net zero emissions by 2050. Net zero emissions by 2050 is essential to meeting the objectives of the 2015 Paris Climate Agreement to limit the increase in global temperature to below 2°C by the end of the century.

Net zero by 2030 is the target required to limit global temperature increases to 1.5°C.

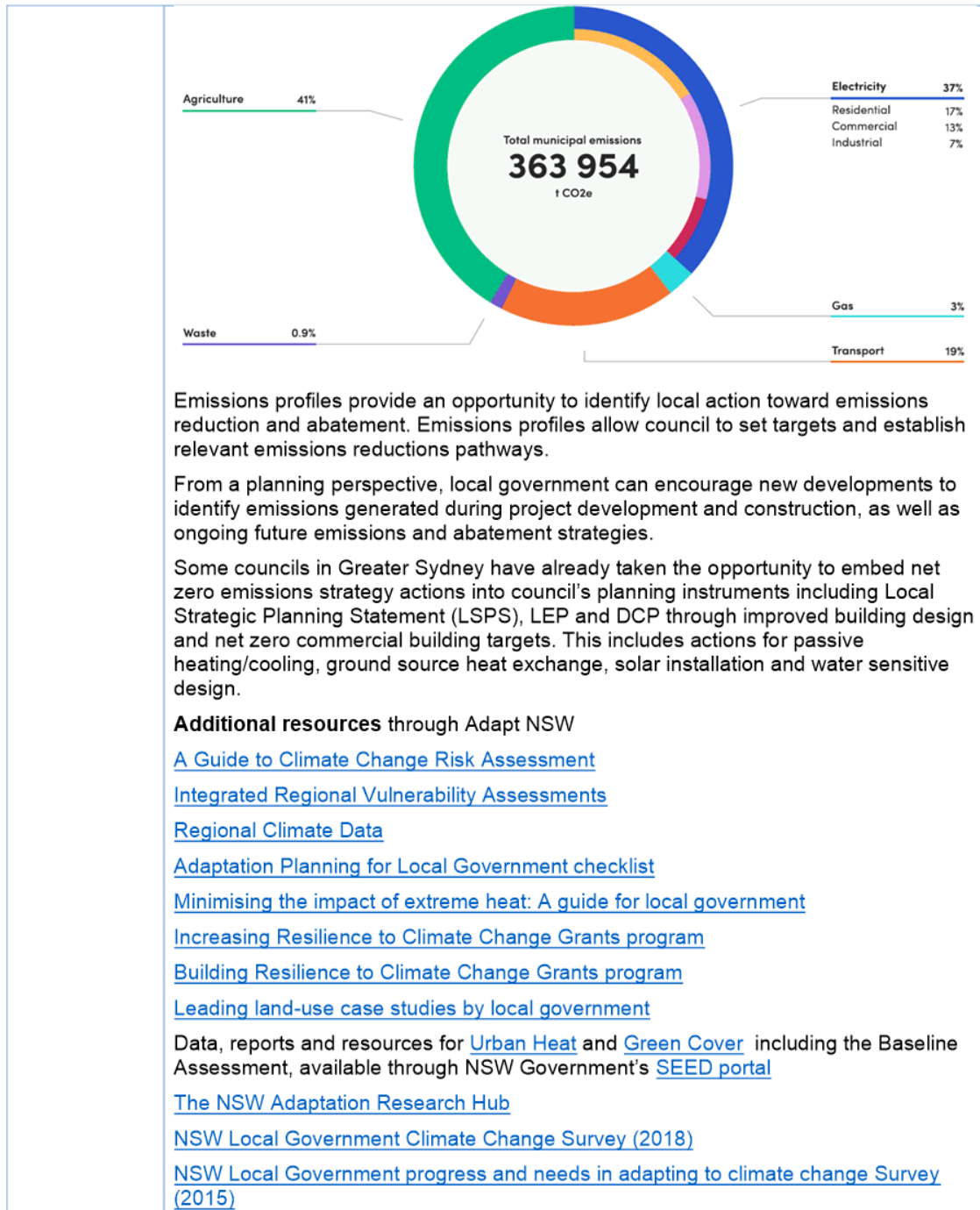
Local councils are establishing their own emissions reduction targets at both an operational and at an LGA wide level.

The NSW Climate Change Framework sets out the following policy directions:

- Create investment certainty to manage transition
- Boost energy productivity
- Take up opportunities for new industries
- Reduce risks to public and private assets
- Reduce impacts on health and wellbeing
- Manage impacts on natural resources, ecosystems and communities

In 2015/16 NSW emissions were 130 million tonnes CO<sub>2</sub>e (carbon dioxide equivalent), with stationary energy (which generates heat and electricity) the largest contributing sector. NSW emissions represent 24% of Australia's total emissions.

The Department of Planning, Industry and Environment aims to ensure all regional NSW councils have access to an LGA wide emissions profile to provide councils with the information and tools to enable local emissions reduction pathways to be implemented. Workshops will be run in late October/November this year. Below is an example:







**Planning,  
Industry &  
Environment**

Key contacts	Melinda Hillery	<a href="mailto:Melinda.Hillery@environment.nsw.gov.au">Melinda.Hillery@environment.nsw.gov.au</a>
	Kylie Walker	<a href="mailto:Kylie.Walker@environment.nsw.gov.au">Kylie.Walker@environment.nsw.gov.au</a>
	Climate Resilience and Net Zero Emissions Branch	
	Environment Energy and Science	

**Planning Priority: Mitigate and adapt to climate change**

**Rationale for adapting to climate change**

The *Enabling Adaptation in the South East (EASE) (2017)* report prepared by the Department of Planning, Industry and Environment provides an evidence base for the likely vulnerability to the impacts of projected climate change for the South East and Tablelands region. The report identifies opportunities to respond to climate change and enhance government service delivery and planning. It can be used to identify actions that Council can undertake to build local resilience and long-term liveability to ensure future prosperity.

Climate related impacts are already being observed on the LGA’s community, economy and environment. These include threats from natural hazards such as bushfire, heatwaves, coastal erosion and inundation, drought, flooding and storms with high winds. Other seasonal changes will also be exacerbated by climate change. Council will manage the impact of climate change on its assets and services and enable communities and individuals to be better prepared and more resilient.

Recommended LSPS Actions	Support available
Consider the regional systems transition model as outlined in the <i>Enabling Adaptation in the South East (EASE) (2017)</i> report when developing operational policy, undertaking strategic planning, delivering council programs and assessing future infrastructure needs.	General planning/policy advice
Assess and manage the impacts of climate change (such as heat, floods, storms and drought) on Council’s assets and services. Enable communities and individuals to be better prepared and more resilient.	General planning/policy advice
Protect, enhance and increase natural and green spaces by considering ecosystem change and species shift from climate change, and applying ecosystem adaptation into strategic planning and land protection.	General planning/policy advice
Assess LGA wide carbon emissions and develop and implement a plan to reduce emissions in consultation with the community.	General planning/policy advice
Continue to consider updated climate change information and monitor and report to the community on progress against climate resilience and net zero goals.	General planning/policy advice



Planning,  
Industry &  
Environment

Consider and implement a range of urban design and land use planning strategies to minimise heat in local government areas described in *Minimising the Impacts of Extreme Heat: A guide for Local Government*.

*General planning/policy advice*



### **Floodplain risk management**

The South East and Tablelands Regional Plan (SETRP) recognises the importance of building greater resilience to natural hazards which is reflected in council's draft Local Strategic Planning Statement (LSPS). The draft LSPS recognises that existing challenges for the region such as flood hazards which is expected to be exacerbated by climate change while still recognising the contemporary risks that this hazard presents to the local area. To strengthen the actions within the LSPS that relate to natural hazards and strategic links to the SETRP we recommend that additional actions and commitments be included in the LSPS.

#### *Floodplain Risk Management Comments*

The LSPS has ten planning priorities including the Natural Hazards Priority which aligns with Direction 16 – Protect the coast and increase resilience to natural hazards of the SETRP. Planning Priority ten includes actions that relate to floodplain management. We commend council for their commitment to managing flood risk and the LSPS acknowledgment of the continual improvement nature of flood risk management.

To support Council to deliver their flood risk management responsibilities by implementing the requirements of the NSW Flood Prone Land Policy, the following actions should be considered for addition to or in place of some of the actions proposed for Planning Priority ten:

- Review best available flood information and identify gaps and/or limitations. Undertake priority studies and develop flood risk management plans to address identified gaps and/or limitations;
- Review and update planning instruments (LEPs and DCPs) and certificates to enable effective consideration of flood risk, including consideration of climate change;
- Consideration of flood related constraints in areas identified for development, including areas identified in the LSPS

We note that DPIE-Planning have recently placed the Draft Flood Prone Land Package on exhibition until the 25th June 2020. The package provides advice to councils on considering flooding in land use planning and includes a revised planning circular, a revised local planning direction regarding flooding, revised Local Environmental Plan (LEP) flood clauses and a new guideline on Considering Flooding in Land Use Planning. We look forward to working with council & DPIE-Planning to incorporate necessary flood planning changes for the LGA into the LSPS, LEP & Development Control Plan(s).

We encourage Council to continue to work directly with their DPIE – Biodiversity and Conservation Division (Floodplain) representative to advance flood risk management actions in the Goulburn Mulwaree LSPS and associated projects being prepared through the Floodplain Management Program.



Department of Primary Industries

T

Mr Marc Bennett  
 General Manager  
 Goulburn Mulwaree Shire Council  
 Local Government  
 Goulburn NSW  
[marc.bennett@goulburn.nsw.gov.au](mailto:marc.bennett@goulburn.nsw.gov.au)

Attention: Local Government

Dear Mr Bennett

Goulburn Mulwaree Shire Council draft local strategic planning statement 2020

Thank you for the opportunity to comment on the Goulburn Mulwaree Shire Council draft Strategic Planning Statement 2020. It is a pleasure to build stronger relationships with our local government and focuses on enhancing the productivity and sustainable use of our agricultural resources.

We commend Council for recognising that Goulburn Mulwaree Shire Council has a role and that is important to the economy of the shire and that this recognition in the major protection of agriculture and rural communities.

Comments on the draft Strategic Planning Statement include:  
 the recognition of and support for agriculture's contribution to the economic growth of the shire and infrastructure support  
 the development of an Agriculture and Resource and Services Strategy to address local resource requirements for the mining and agricultural industries  
 managing the interface between industry, rural and urban and as well as the encroachment of residential and into rural areas including residential through Council's draft Urban and Fringe Growth Strategy  
 the role of the transition zone and strategies to consider the range of options that are currently restricted for agriculture. Strategic options should be considered into that release.

Goulburn Mulwaree Shire Council's position on agriculture and rural uses has a significant impact on the shire and the local economy and the local government's role in supporting sustainable development and addressing local government's role in supporting agriculture and rural uses.

While the Strategic Planning Statement development and growth there are some opportunities and advantages and opportunities identified in the document that could be used to support agricultural business development and innovation in the shire:

The regional advantages identified in the Strategic Planning Statement could also be used to support agricultural businesses being pushed out from the shire due to rural residential growth such as outback and intensive horticulture could be attracted to the shire. The region has significant capacity for energy and renewable energy and meat production and the Strategic Planning Statement has good potential to be used to support these activities.

See Attachment 1 - Agriculture and Rural Uses Strategic Planning Statement  
 Attachment 2 - Agriculture and Rural Uses Strategic Planning Statement  
 Attachment 3 - Agriculture and Rural Uses Strategic Planning Statement

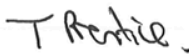
Western Sydney and Canberra international airports for international access present new opportunities to develop high end organic agricultural garments, cash on demand meat products and processing as a growth sector. Securing actions to support those in the agricultural and industries in the Shire Council further opportunities for growth.

The opportunities to use recycled water and waste such as composting as a direct action on Council could support a sustainable horticulture nurseries agricultural industries in using waste recycling that agriculture could improve agricultural product opportunities.

Supporting the value added in agricultural tourism through the regional tourism in rural areas to enable farmers to diversify their income to offer care that that does not lead to inflated capital costs resulting in market product on use connect re-energising the establishment or extensions on existing enterprises. An action aimed at achieving the balance between promoting agricultural tourism, heritage products, and agricultural and management.

Our Burn Murrumbidgee current disadvantaged high quality natural assets agricultural and commercial to markets and good infrastructure that strong agricultural and the Our Burn Murrumbidgee Shire economy, services and innovation agricultural product development and processing present opportunities to agricultural advantage and further grow the Shire economy. We should be happy to announce our innovation and diversify agricultural and are able to respond to council around the State department of agriculture, food and rural affairs. We will continue to reach out for assistance as needed. Please contact our food burn on

ours sincerely



Tamara Prentice  
 Manager Agricultural Land Use Planning



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3 July 2020

Contact: *Stuart Little*  
Telephone: *02 9865 2449*  
Our ref: *D2020/64705*

General Manager  
Goulburn Mulwaree Council,  
Locked Bag 22  
Goulburn NSW 2580

Dear Sir/ Madam,

**RE: Draft Local Strategic Planning Statement for Goulburn Mulwaree (LSPS)**

I refer to the exhibition of the Draft Local Strategic Planning Statement (LSPS) for Goulburn Mulwaree, which sets out the 20-year vision for the Goulburn Mulwaree Local Government Area (LGA). We note that the LSPS seeks to identify and respond to key issues and opportunities for managing urban, rural and natural environments.

WaterNSW has an interest in the LSPS as 94% of the LGA occurs within the Sydney Drinking Water Catchment (SDWC). WaterNSW has responsibilities for protecting water quality in the SDWC through planning instruments such as section 9.1 Direction 5.2 Sydney Drinking Water Catchment and State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011 (the SEPP). The latter requires all new development in the SDWC to have a neutral or beneficial effect (NorBE) on water quality. WaterNSW also owns a number of properties in the south of the LGA.

WaterNSW is generally supportive of the LSPS, as it incorporates consideration of the SDWC and includes a number of actions that will help protect water quality over the long term. Our submission has been prepared taking into account the roles and responsibilities of WaterNSW as raised above, and elaborates further on the water-related initiatives proffered in the LSPS. There are also opportunities for the water-related initiatives of the LSPS to be informed by the *Shaping Goulburn Mulwaree's Water Sensitive Future* (September 2019) report which was sponsored by WaterNSW in partnership with Council.

Detailed comments are provided in Attachment 1 and a supporting map in Attachment 2. To assist Council incorporate suggested changes to the LSPS, we have structured our comments in keeping with the current structure of the LSPS. As the LSPS will lead to a review of the Goulburn-Mulwaree Local Environmental Plan 2009, we have also taken the opportunity to make a number of suggestions regarding how water-related provisions of the LEP might be enhanced to align with the initiatives of the LSPS and our comments raised herewith.

If you have any questions regarding the issues raised in this letter, please contact Stuart Little at [stuart.little@waternsw.com.au](mailto:stuart.little@waternsw.com.au).

Yours sincerely

A handwritten signature in black ink that reads "Clay Preshaw". The signature is written in a cursive, flowing style.

**CLAY PRESHAW**  
**Manager Catchment Protection**

**ATTACHMENT 1 – DETAIL**

The below comments are made on specific Chapters and Planning Priorities of the LSPS. WaterNSW has no comment on those Chapters or Planning Priorities not specifically mentioned.

**Chapter 2 – Consultation**

The LSPS could include reference to the community consultation undertaken regarding the 'Shaping a Water Sensitive Goulburn' initiative. This was led by WaterNSW, but with Council as a partnering agency.

**Planning Priority 1 – Infrastructure***Sewerage Infrastructure*

Both Goulburn and Marulan are serviced by water and sewer (page 16). The LSPS indicates that an upgrade to Goulburn's Waste Water Treatment Plant (WWTP) has recently been completed while an upgrade is planned for Marulan. The LSPS may benefit by mentioning that Council is currently exploring effluent reuse option as a possible second phase of work.

- The LSPS includes a Planning Principle (page 17) which seeks to 'ensure planning decisions protect important infrastructure assets including water, haulage routes, waste and sewerage management facilities from encroachment by more sensitive or unsuitable uses'. WaterNSW supports the intent of this Planning Principle and notes that there is an associated action to manage potential land-use conflicts. However, this provision only applies to existing infrastructure. It does not necessarily secure the incorporation of new infrastructure and services into new development and does not necessarily take into account the location of new infrastructure with respect to environmental values and constraints. The LSPS would benefit by including two additional Planning Principles.
  - Ensure that new development and planning decisions provide adequate infrastructure (water, sewerage, stormwater management) to accommodate new development.  
This could be supported by the inclusion of an Essential Services clause within the LEP (discussed later).
  - Ensure planning decisions for new infrastructure take into account environmental values and constraints.

Corresponding actions could also be provided for these two Planning Principles:

- Review LEP provisions to ensure adequate provisions are made for Essential Services for new development.
- Planning decisions at all levels for new infrastructure take into account environmental constraints and values to minimise adverse environmental impacts.

*Stormwater*

- The LSPS (page 16) notes that Stormwater strategies for Goulburn and Marulan are outdated and require review and potential upgrading. However, we note there is no corresponding action to address this issue. WaterNSW suggests adding the following action to the LSPS:
  - Update relevant stormwater management strategies and policies for the Shire.

**Planning Priority 2 – City, Town and Village Centres**

This section of the LSPS may benefit by suggesting the development of an overall urban renewal strategy. This could be based on urban design principles and the Planning Principles listed in the LSPS, but also incorporating water sensitive urban design (WSUD), green spaces, urban plantings, (tree canopy cover), heritage and town character in combination. This could be included as an additional action in the LSPS:



- Develop an urban renewal strategy based on urban planning principles, WSUD, green spaces, and town character.

### **Planning Priority 3 – Planning Priority Community facilities, Open Space and Recreation**

WaterNSW notes that the LSPS indicates that Council will continue to provide a series of pathways to link areas of open space. Reference is made to the Riverside Walk and other opportunities to link other facilities including the wetlands, heritage sites, cultural and civic areas.

- WaterNSW sees an opportunity for community education at these sites regarding importance of waterway and riparian protection for water quality and biodiversity outcomes. To this end, the LSPS could include an additional action:
  - Explore opportunities to integrate environmental education with recreation opportunities along the Riverside walk and other environmental areas accessed by the community.

### **Planning Priority 4 – Housing**

The LSPS identifies that one of the 'Challenges for Land Use' is 'aging infrastructure such as drainage' (page 26). This challenge is relevant to Planning Priority 2 Infrastructure and Action 3 (page 38) that seeks to identify shortfalls in infrastructure for urban drainage. It is also relevant to the proposed updates to the Stormwater management and strategies for Goulburn and Marulan, and urban renewal requirements. This issue should also be considered within the scope and discussions surrounding the proposed Integrated Water Management Study (see later).

We note and support the Action 'Adopt, implement and monitor an Urban and Fringe Housing Strategy'. WaterNSW has been made previous representations on the Strategy (Our Ref: D2019/147541). WaterNSW asks to be kept updated on the finalisation of the Strategy.

We note that one of the Actions for Housing is 'Prepare a Villages Strategy, to identify what if any capacity the relevant villages have for further growth'. WaterNSW is supportive of this initiative and would like to be consulted in the development of any 'Villages Strategy' to ensure water quality considerations are given due account.

### **Planning Priority 5 – Primary Industry**

*Sustainable Agriculture.*

- The LSPS would benefit by promoting sustainable agriculture within the Primary Industry Priority. This would provide a stronger basis for long-term production and reduce potential risks to land degradation and water quality. We believe that the Planning Principles on page 30 would benefit by expanding dot point 1 to include the concept of balancing environmental values as well as the interests of the community. We also believe that the Planning Principles should include:
  - Promote sustainable agricultural programs and projects.
- WaterNSW has a Rural Landscape Program with South East Local Land Services (SE LLS) which promotes sustainable grazing, gully erosion remediation and riparian land protection through grants and training programs. The partnership with SE LLS is also supporting improvements to dairy waste management for dairy farms across the Shire. Council may wish to add an action under the Primary Industry Priority that seeks to:
  - Identify opportunities and work with relevant government agencies to promote sustainable agriculture.
- WaterNSW notes and supports the LSPS's Actions 1 and 2 on page 30 requiring preparation of an 'Agriculture and Resource Lands Strategy' and to 'identify potential agricultural resource lands and appropriate buffers in the LEP and update DCP provisions to protect resource land'. WaterNSW asks to be consulted in both these initiatives. WaterNSW also considers that the proposed Agriculture and Resource Lands Strategy should embrace the concept of 'sustainable agriculture'.

*Soil and Landscape Constraints*

The Primary Industry Priority section would benefit by including a paragraph recognising that the LGA has some significant soil and landscape constraints in certain areas, including soil sodicity, erodibility, salinity, and the susceptibility to gully erosion.

- Agricultural production needs to be viewed in terms of managing land within its capability. To this end, the 'Challenges for Land Use' at the base of page 29, would benefit by listing an additional point:
  - Managing agricultural land having regard to soil and landscape constraints including sodicity, soil, erodibility, salinity and susceptibility to gully erosion.

*Transition Zones*

- The LSPS (page 29) notes that about 9,500ha of the LGA is zoned RU6 Transition. The LSPS proposes a review of the extent of the RU6 Transition zone as a priority (page 29). WaterNSW is supporting of such a review, however, we note that this does not currently translate into a specific action of the LSPS (page 30). WaterNSW suggests that there should be an additional action included in the LSPS:
  - Review the RU6 Transition zone areas of the LEP to secure land use zoning classifications more reflective of land capability and suitability for rural or residential uses.

**Planning Priority 6 – Industry and Economy**

- The LSPS (page 34) proposes an action to 'review and update the Employment Lands Strategy 2016'. WaterNSW asks to be consulted in any review of this Strategy as it can strategically influence where industrial lands are located with respect to waterways and flood-prone areas.

**Planning Priority 7 – Sustainability**

The Sustainability Priority touches on the importance of street trees and green corridors for urban cooling, green grids along the Mulwaree and Wollondilly Rivers, and water reuse for open space areas. Similar sentiments are expressed in the Planning Principles for this section.

- Council may wish to include discussion of the 'blue grid' (waterway connections such as Wollondilly and Mulwaree Rivers and their tributaries) as distinguished from the green grid.
- This section would benefit by more explicitly referring to improving stormwater management and the use of WSUD for urban cooling, water reuse, liveability outcomes, water quality protection and to mitigate flash flooding. WSUD potentially brings together many of the stated issues under one umbrella. Improving the use and uptake of WSUD could be incorporated as a Planning Principle to this section.
- Further to the above we suggest that an additional action could be added to the LSPS:
  - Increase the uptake of WSUD principles including stormwater capture, treatment, and recycling, in new and existing developments and urban designs.

This action would support Action 18.4 of the Regional Plan to 'Incorporate water sensitive urban design into development that is likely to impact water catchments, water quality and flows'. It would also help inform updates of the stormwater management strategies and policies including for Goulburn and Marulan, and help drive the adoption of WSUD in new LEP and DCP provisions.

- We note and support the proposed action to 'Review energy, water and waste provisions in planning provisions'. This action could be made more directive by explicitly stating 'LEP and DCP provisions' rather than generically referring to 'planning provisions'.

Any review of the water-related provisions would benefit by an objective of improving water efficiency, water quality and environmental outcomes. WaterNSW makes a number of

suggestions at the end of this submission regarding how the water-related provisions of the LEP might be enhanced.

- WaterNSW notes that the LSPS includes as Action 2 on page 36: 'Expand Council's Climate Change Adaption Risk Management Plan to sit under a broader Climate Change Policy to include recommendations for amended planning provisions, to facilitate resilience in building/housing stock to climate extremes, with subdivisions to include measures for urban cooling "connecting to the Green Grid"'. WaterNSW is supportive of this Action and notes that this could link well with stormwater management and WSUD initiatives as described above. We ask that WaterNSW be consulted in the revision to the Climate Change Adaption Risk Management Plan.

#### **Planning Priority 8 – Natural Hazards**

With regard to flooding considerations, reference could be made to how stormwater also contributes to overland flow and localised flooding. This would help reinforce the need for better stormwater management as an assisting measure to reduce flooding impacts.

- The Planning Principles for this section could be expanded to include:
  - Community awareness regarding emergency responses and plans for natural hazard emergencies
- WaterNSW supports proposed Action 1 (page 38) that seeks to maintain an updated Floodplain Risk Management Study and Plan for Goulburn City. WaterNSW also notes that there is a proposed action to 'update planning provisions for flooding both within identified flood study areas and generic provisions for areas without flood studies' (page 38). WaterNSW would like to be consulted in this initiative. We would also like to discuss further with Council how flood risk is addressed by current planning provisions and how improved flood risk management and planning may help avert exacerbated water quality impacts during flood events.
- Action 3 (page 38) seeks to identify shortfalls in infrastructure for urban drainage where affected by local flooding. WaterNSW suggests that the timeframe for this Action be listed as 'Short' in order to help inform other related stormwater management actions including for the Integrated Water Management Study. Other proposed actions to improve stormwater management and incorporate WSUD in future and existing urban designs, as identified above, will also assist to reduce local flooding impacts.

#### **Planning Priority 10 – Natural Environment**

##### *Sydney Drinking Water Catchment*

WaterNSW notes and supports the recognition of the SDWC within the LSPS on pages 4 and 41. We make the following comments with respect to the information on page 41:

- The LSPS recognises that 'Goulburn Mulwaree is located within the upper Warragamba water catchment and forms a part of the Sydney drinking water catchment'. We suggest this sentence be reworded to state: 'The Goulburn Mulwaree LGA occurs within the Warragamba and Shoalhaven water catchments which form part of the Sydney Drinking Water catchment'. This is because the eastern part of LGA, including the localities of Oallen and Bungonia, are located within the forms part of the Shoalhaven water catchment.
- We strongly support the statement made regarding that 'development within the catchment is required to have a neutral or net beneficial impact on water quality'. However this sentence should be reworded to read as 'neutral or beneficial effect on water quality as required under State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011'.

- We support the statement that 'Strategic land use planning provides an opportunity to identify sensitive areas, particularly water courses to ensure appropriate planning provisions are in place to enable the health of waterways to be improved'.

#### *Other Environmental Matters*

- The vision for this 'Natural Environment' Priority section is 'Protection and enhancement of the quality of native environments and systems'. We ask Council to consider exchanging the word 'native' for 'natural' as this would include landscapes such as waterways and lakes..
- We support the LSPS in recognising that urban development and the use of on-site effluent management systems in rural residential dwellings also pose a threat to water quality..

#### *Waterways and Riparian Protection*

- The LSPS (page 41) notes that further clearing for agriculture, gully erosion and rural residential development in agricultural areas is a main threat to remnant vegetation and ecosystem functioning. It also notes that sheep and cattle grazing are one of the major contributors to waterway degradation.

As mentioned earlier, WaterNSW has a partnership with SE LLS to promote sustainable grazing, keep stock out of waterways and to remediate gully erosion. WaterNSW also has a partnership arrangement with Australian River Restoration Centre (ARRC) to assist landholders in protecting waterways and riparian areas from grazing impacts. To this end, the LSPS could include an additional action:

- Explore opportunities and work with government agencies to help protect waterways and riparian land from adverse environmental impacts.
- WaterNSW notes that one of the key challenges for land use is waterways management. The Planning Principles for this section include 'Protect waterways and catchments', 'preserve and maintain natural environments' and to 'maintain a balance between growth, development and environmental protection'. We also note Action 3 on page 42 proposes to 'review LEP provisions relating to the management of watercourses'. We strongly support these provisions

#### *Integrated Water Management Strategy (IWMS)*

WaterNSW notes and strongly supports the 4<sup>th</sup> Action of this section (page 42):

- 'Develop an Integrated Water Management Strategy (IWMS) in partnership with Water NSW for Goulburn Mulwaree to inform LEP and DCP provisions and Council capital works projects'.

#### *Plans and Handbooks*

The 'Actions – Council General' section (page 42) identifies several separate initiatives including revisions to a number of planning-related documents. WaterNSW would like to be consulted in the updates of the following documents:

- The Goulburn Mulwaree Rural Living Handbook
- Goulburn Mulwaree Waterways Plan 2014.

#### **Other**

- The LSPS would benefit by including a collated list of all actions at the beginning or end of the document.
- It is unclear what the map on page 4 is depicting. It would benefit by a title, key and description.
- It would be helpful if the Priorities and Actions were numbered for ease of referencing.

### **Local Environmental Plan (LEP) Review.**

As the LSPS will inform future amendments to the Goulburn-Mulwaree LEP and DCP (page 1), we provide additional comments here on how the water-related provisions of Council's LEP might be improved to give effect to the LSPS.

#### *LEP Aims*

We strongly support the existing of aims of the Goulburn-Mulwaree LEP which seek to 'protect and enhance watercourses, riparian habitats, wetlands and water quality within the Goulburn Mulwaree and Sydney drinking water catchments so as to enable the achievement of the water quality objectives'.

We also note the aims seek to only allow development if it ... 'minimises risks to important elements of the physical environment, including water quality'. The aims could also make reference to managing the urban water cycle, WSUD and addressing stormwater management. This would help give greater effect to the provisions and actions of the LSPS with regard to water-related issues including the IWMS. For reference, the Leichhardt LEP 2013 and Manly LEP 2013 have innovative LEP aims regarding the urban water cycle, stormwater management and WSUD.

#### *Riparian land and watercourses*

The Goulburn-Mulwaree LEP is one of the few LEPs that does not contain explicit local provisions for protecting riparian land and watercourses. We note that one of the actions of the LSPS is to develop such a clause with associated maps. LEPs such as Upper Lachlan, Wingecarribee and Wollondilly adopt a Natural Resources Sensitivity – Water clause with a more hydrological and geomorphological (e.g. considering flow paths and flow regimes) focus.

Other Councils, such as Blue Mountains, Eurobodalla and Palerang, emphasise ecological and habitat considerations. All usually have water quality considerations. We believe that a clause for protecting riparian land and watercourses should include water quality, hydrological, geomorphological and ecological considerations in the objectives and heads of consideration.

Different Councils adopt different ways of mapping riparian land and water courses with a variety of buffer distances being assigned. We believe that riparian and watercourse mapping should adopt a hierarchical classification system for water courses, where buffer distances increase according to the Strahler Stream order. Consideration could be given to the mapping undertaken in neighbouring Wingecarribee Shire which applies 10 m, 30 m and 50 m buffer distances. A 100 m buffer distance may be appropriate for major rivers such as Wollondilly and Mulwaree Rivers.

#### *Wetlands*

WaterNSW also believes that wetlands should also be afforded specific protection under the LEP for both water quality and ecological values. Wetland protection could be integrated into the mapping and provisions of the riparian land and watercourses clause or through a separated dedicated clause for wetlands.

#### *Stormwater management*

The LEP could also benefit by including dedicated clauses for Stormwater Management and Essential Services. The inclusion of a dedicated Stormwater Management clause in the LEP would support LSPS actions and statements seeking to improve stormwater management and water reuse. A number of Council LEPs have such a clause (e.g. Blue Mountains, Eurobodalla, Ku-ring-gai, Leichhardt, Lithgow, and Sutherland).

To optimise application of such a clause, we envisage that the clause could apply to the entire LGA and aim to protect downstream properties and environments, including bushland and waterways from adverse stormwater impacts arising from development. It could encompass various heads of consideration including WSUD, maximising water permeable surfaces, promoting on-site stormwater retention for re-use, integrating stormwater management measures into the landscape and making provision for ongoing management and maintenance of stormwater systems once emplaced.

Council could refer to the Blue Mountains LEP 2015 (cl 6.9) and Ku-ring-gai LEP 2015 (cl 6.5) for guidance. The provision of a dedicated stormwater management clause would help give effect to stormwater and WSUD issues raised in the LSPS.

*Essential services*

Many LEPs have a dedicated Essential Services clause in their local provisions. This helps ensure that new development makes adequate provision for water, sewerage and stormwater drainage (or on-site conservation). The Blue Mountains, Oberon and Palerang LEPs contain relevant Essential Services clauses that could be used for guidance. Provision of both an Essential Services and a Stormwater clause would support the LSPS's focus and actions for the IWMS, WSUD, sewer and stormwater infrastructure and management.

*Drinking water catchments*

Council may wish to consider adopting a dedicated clause for Drinking Water catchments such as that used in the Palerang LEP 2014. This clause could apply not only to the SDWC but also the catchments of Goulburn's Water supply.

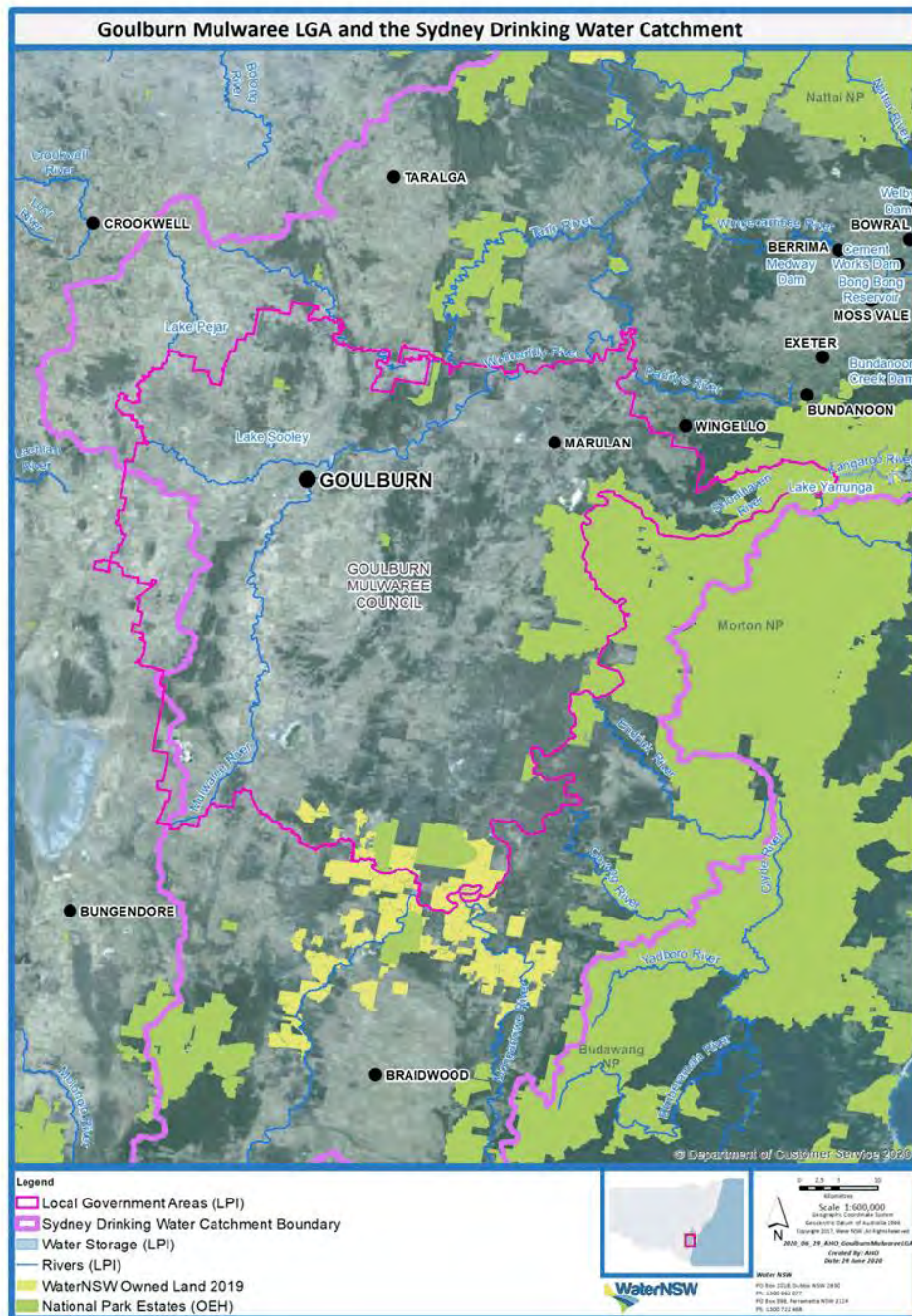
The Palerang LEP clause aims to protect drinking water catchments and maintain water quality. It includes consideration of matters such as the distance between developments and waterways, on-site use, storage and disposal of any chemicals on land, and the treatment, storage and disposal of wastewater and solid waste generated or used by the development.

Such a clause may particularly assist in the protection of the catchment of Sooley dam and give it added protection from adverse developmental impacts. Council may also wish to liaise with neighbouring Upper Lachlan Council to see if a similar provision might be incorporated into its LEP to help protect Pejar Dam and its surrounding catchment given its important role in Goulburn's water supply.

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**ATTACHMENT 2 – MAP**



**Map 1.** Goulburn-Mulwaree Local Government Area and the Sydney Drinking Water Catchment





**NSW RURAL FIRE SERVICE**

Goulburn Mulwaree Council  
 Locked Bag 22  
 GOULBURN NSW 2580

Your reference: Draft LSPS  
 Our reference: SPI20200611000111

**ATTENTION:** Megan Trotter

Date: Thursday 23 July 2020

Dear Sir/Madam,

**Strategic Planning Instrument**  
**Other**  
 Goulburn Mulwaree Draft Local Strategic Planning Statement

I refer to your correspondence dated 05/06/2020 inviting the NSW Rural Fire Service (NSW RFS) to comment on the above Strategic Planning document.

The NSW RFS has considered the information submitted and subsequently raise no concerns or issues in relation to bush fire.

For any queries regarding this correspondence, please contact Alan Bawden on 1300 NSW RFS.

Yours sincerely,

Timothy Carroll  
**Manager Planning & Environment Services**  
**Planning and Environment Services**

**Postal address**

NSW Rural Fire Service  
 Locked Bag 17  
 GRANVILLE NSW 2142

**Street address**

NSW Rural Fire Service  
 4 Murray Rose Ave  
 SYDNEY OLYMPIC PARK NSW 2127

**T** (02) 8741 5555  
**F** (02) 8741 5550  
[www.rfs.nsw.gov.au](http://www.rfs.nsw.gov.au)



**Megan Trotter**

**From:** Nicola Gros ops (Cancer nstitute NSW) <Nicola.Gros ops@ ealt .nsw.gov.au>  
**Sent:** Friday, 13 Marc 2020 5:16 PM  
**To:** Council  
**Subject:** ttn Planning: Cancer nstitute NSW advice re te t for drafting LSPS

**ategor es:** Paul, T C ec

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**Megan Trotter**

**From:** Nicola Gros ops (Cancer nstitute NSW) <Nicola.Gros ops@ ealt .nsw.gov.au>  
**Sent:** Monday, 2 June 2020 5:16 PM  
**To:** Submissions  
**Subject:** Cancer nstitute NSW submission to Draft LSPS

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Goulburn Heritage Group

14 June, 2020

General Manager  
Goulburn Mulwaree Council  
Locked Bag 22  
Goulburn 2580

SCANNED

Dear Mr Bennett,

**re:**  
**Draft - Local Strategic Planning Statement**  
**Draft - Urban and Fringe Housing Strategy**

Goulburn Heritage Group members acknowledge both these residential papers and look forward to supporting Goulburn Mulwaree Council's final guidelines for increasing the density of housing close to Goulburn's CBD.

Council's own objectives are to increase public housing for residents and to encourage this city's range of studio and one-bedroom dwellings - ideally of course within attractive and easy walking distances of the commercial centre.

We fully support and endorse these long awaited local housing solutions.

Members would like to point out that there appear to be, at the moment, several vacant sites ideally suited to meeting Council's above objectives immediately. We suggest that redevelopment in these areas should have a more urgent priority than drafting long term plans to extend the suburban fringes.

An inner city housing strategy - including apartment possibilities and built heritage conservation - seems to be an increasingly important requirement.

Yours sincerely  
Goulburn Heritage Group



Cc: Mayor Bob Kirk  
Scott Martin  
Kate Wooll.

Goulburn Mulwaree Council  
Date Received: 16/6/2020  
Signature: 



## Shelter NSW Submission

### Draft Goulburn Mulwaree Local Strategic Planning Statement



#### Introduction

Shelter NSW appreciates the opportunity to comment on the Draft Goulburn Mulwaree Local Strategic Planning Statement (LSPS) (May 2020). We congratulate Council on the high standard of its draft plan, and we support many of the proposed Actions outlined which aim to deliver both housing choice and affordability.

From Shelter NSW's perspective, we see the LSPS process as an opportunity to promote dialogue about ways to deliver better housing outcomes for all NSW residents. Having reviewed the Draft Goulburn Mulwaree LSPS, Shelter NSW has provided comments/recommendations and practical policy suggestions that we feel might support or strengthen many of the housing-related outcomes Actions in your strategy.

Our submission also provides an overview of Shelter NSW's role as a state peak body in the housing policy and advocacy space, and a summary of the key messages we heard during our recent consultation sessions across NSW about what communities see as a desirable housing system. From this, we worked with communities to develop a new vision for a future housing platform.

#### About Shelter NSW

Shelter NSW is the state peak body for housing policy advocacy. Established in 1975, we represent broad interests across the housing system rather than those of a specific industry or sector. Our diverse network of partners includes organisations and individuals that share our vision of a secure home for all. We pursue this vision through critical engagement with policy and by providing thought leadership.

As an independent, non-profit organisation, we advocate for systemic housing policy reform and provide advice on policy and legislation. In doing so, we research the causes of inequity within the NSW housing system and promote solutions that ensure better housing outcomes for households on lower-incomes. We then leverage this expertise to engage and



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collaborate with the sector to work towards an economically, socially, and environmentally sustainable housing system.

### Key messages from Shelter NSW wide visioning sessions

In 2019, Shelter NSW held seven workshops across regional NSW and Greater Sydney to develop a shared vision for a better housing system. Close to 200 community members spoke at these sessions about the problems they see as facing the housing system and the actions they want to see to address them. Here is a summary of their insights that are relevant to all levels of Government.

#### 1. Make plans that emphasise housing as a home, not just an investment

The concept of 'home' should be at the core of the housing policy. It underpins health, social connections and participation in work and society. However, speculative investment in housing and the standard model of development are not delivering housing that people need or can afford. The Government needs to talk with communities about these problems and discuss solutions. Following engagement, they should make a plan for the specific region that addresses the issues they can control and works with other levels of Government on ones they cannot.

#### 2. Build places and communities, not just houses and towers

New housing should be located close to jobs and services and improve the quality of existing neighbourhoods. Well-connected and well-designed homes make it easy for people to get around and transition between various stages of life. However, developers seem to be delivering either car-dependent sprawl or low-quality density. Both result in different kinds of congestion and unpleasant environments. Government authorities can help achieve this through planning, support for innovative designs and investment in infrastructure.

#### 3. Provide diverse housing that everyone can afford, not just high-income earners

The housing system should be as diverse as the community to give people the options they need. This system would support ageing households with the opportunity to downsize, and young people with the possibilities to become independent. Women can then leave abusive relationships, and First Nations people can live on Country. Students can then focus on their education, and key workers can live in their communities. Most importantly, people experiencing or at risk of homelessness can find a secure home. To provide these options, governments need to invest in social and affordable housing as well as create more diversity in the housing market.

#### 4. Make renting a genuine alternative to ownership, not just a transition phase

Tenants should be able to expect security and a high level of service when they rent their home. This protection is especially true now that homeownership is in decline. However, the possibility of no-grounds evictions makes it hard for tenants to put down roots or request repairs. Equally, social housing has become seen as a temporary safety net which is



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increasingly rationed and run-down. Governments need to ensure rental housing is both secure and high quality. It can do so by amending laws and policies that support long-term renters and providers of suitable housing options.

#### 5. Use housing policy to address climate change, not exacerbate it

Our built environment should help us transition to a zero-carbon economy. Housing design and construction techniques can reduce our energy consumption and extraction of new resources. So too can planning and subdivision protect our homes from natural hazards and limit our reliance on cars and lifts. Trees can cool our streets and infrastructure can make them walkable. All of this improves our health and saves us money. Governments need to use all of these tools to prevent and avoid the worst effects of climate change which we are just starting to see and feel.

### Shelter NSW Comments on the Draft Goulburn Mulwaree Council Local Strategic Planning Statement

Freestanding dwellings dominate the existing housing stock in most major regional centres across NSW, with a significant percentage of dwellings occupied by 'empty nesters', many of whom have reached retirement age. This situation is evident in the population and housing characteristics of Goulburn Mulwaree Local Government Area (LGA) with around 25% of the Goulburn Mulwaree population aged 60 years and older, and over 25% lone person households (ABS Census 2016). These statistics reflect the growing disconnect between housing supply, which continues to deliver stand-alone 3, 4, and 5-bedroom dwelling, and population demographics. As indicated by Council in its LSPS, this mismatch between the housing needs of an ageing population and younger residents who require different forms of housing has created a challenge for councils on how to address this issue.

In its LSPS, Council also indicated that the LGA has a high percentage of low-income households and they need more affordable and public housing. Council acknowledges that the waiting times for public housing are between 2 to 10 years depending on bedroom types, with the longest waiting times being for one- and two-bedroom dwellings.

The Aboriginal and Torres Strait Islander population make up 4.0% of residents in the Goulburn Mulwaree LGA, and this community often has particular housing-related issues. One is limited access to affordable rental supply, and another is overcrowding which can have specific longer-term impacts regarding social and educational outcomes.

As evident from the data and issues outlined in this section, the Goulburn Mulwaree LGA has a mismatch between housing supply and the needs of different population groups across the LGA. For the foreseeable future, addressing these problems will be a significant task for the Council. Delivering new dwellings that provide more choice and new public



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housing dwellings are two critical solutions to mitigate the adverse effect associated with the current disconnect between population characteristics and housing need.

The following Table outlines the proposed strategic actions in the Draft Goulburn Mulwaree Draft LSPS related to sustainability, housing choice and affordability. It provides feedback from Shelter NSW on ways to support or strengthen some of the proposed Actions outlined in the LSPS. In situations where Shelter NSW suggestions go beyond the direct control of Council, we are happy to collaborate with the Council in any future advocacy-based actions.

Shelter NSW Comments on Housing Related Issues in the Goulburn Mulwaree Council Draft Local Strategic Planning Statement
<p>The following recommendations are based on the capacity of the General Residential (R1) Zones and Medium Density Residential (R3) Zone to provide more housing choice in regional areas dominated by detached dwellings. It aims to support the delivery of sustainable regional communities into the future and to ensure that new residential developments are based on clustering dwelling patterns. This situation will provide better sustainability outcomes through consolidated vegetation, reduced bushfire impacts and delivery of better water management practices.</p> <p>In addition to the sustainability benefits associated with the recommendation, they will help the delivery of different housing options in town centres, better support the economic base of a small town and address the needs of both younger and older single residents to live in smaller dwellings connected to town centres.</p>
<p><b>Council Proposed Actions - City, Town and Village Centres</b></p> <ul style="list-style-type: none"> <li>● Review LEP and DCP provisions including height, FSR and car parking controls to facilitate urban renewal of the Goulburn CBD</li> <li>● Prepare a Night Time Economy Strategy for Goulburn CBD</li> <li>● Review Council’s Development Control Plan, to include character precincts to emphasize individual character areas</li> </ul>
<p>Shelter NSW suggests the following as part of the proposed Actions outlined above.</p> <ol style="list-style-type: none"> <li>1. That Council’s review of its LEP and DCP address ways to increase housing choice and affordability through the use of planning tools.</li> <li>2. That Council considers increasing housing density and diversity in its town centres by mandating a mix of dwelling types and a proportion of bedroom</li> </ol>



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- types in new development. The aim would be to support the delivery of homes that meet the need of single person households and help older residents to age in place.
3. That in locations connected to town centres, education, medical facilities and transport hubs, Council replace existing Low-Density Residential (R2), Large Lot Residential (R5) and Village (RU5) zones with General Residential (R1).
  4. That, as part of any CBD or 'town centres' master plan, Council considers ways to deliver housing diversity in a variety of forms such as the introduction of more medium-density (R3) zones.
  5. That Council includes incentives in its DCP such as height bonuses to encourage the delivery of diverse dwelling types and mandate bedroom mix.
  6. That Council undertakes a review to identify areas suitable for seniors housing and assesses opportunities to support their development.
  7. That Council organise a workshop with local developers and builders on ways to deliver more diverse housing opportunities.
  8. To ensure that any new or infill development enhances the existing build form in regional town centres, Council should include a local character assessment requirement in its DCP.

- Council Proposed Actions – Housing**
- Adopt, implement and monitor an Urban and Fringe Housing Strategy
  - Review planning provisions to improve aged, social and affordable housing supply
  - Prepare a Villages Strategy, to identify what if any capacity the relevant villages have for further growth
  - Monitor the take up of shop top housing, and housing supply/demand in the CBD

- Shelter NSW suggests that Council consider the following as part of the proposed Actions outlined above.
1. That, in implementing any proposed Urban and Fringe Housing Strategy, new residential release not be dominated by Low-Density large lot zones. Instead, consideration is given to the use of General Residential (R1) zones as this will provide additional housing choice options, better sustainability and bushfires management outcomes.
  2. That Council, as part of its proposed planning provisions review, considers measures to support older residents to age in place, through amendments to



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<p>the planning controls to support the delivery of age-specific housing options in town centres.</p> <ol style="list-style-type: none"> <li>3. That, in review its planning provisions to improve aged, social and affordable housing supply, Council works in partnership with Community Housing Providers and the Department of Communities and Justice to facilitate the delivery of new affordable and social housing options within the LGA.</li> <li>4. That Council defines affordable housing as an essential infrastructure (including public and community housing) in any future infrastructure or planning policy (Note: this definition is from the Australian Infrastructure Audit 2019).</li> </ol>
<p><b>Council Proposed Actions - Heritage</b></p> <ul style="list-style-type: none"> <li>• Ensure consultation in the preparation of studies and assessments with the Aboriginal community</li> </ul>
<p>Shelter NSW suggests that Council consider the following as part of the proposed Actions outlined above.</p> <p>As indicated by Council, it is committed to consulting with local Aboriginal community members in the preparation of studies and assessment processes. Shelter NSW would like to see a commitment by Council to work with Aboriginal Land Councils on the development of a strategic plan for their landholders, aimed at supporting the delivery of additional housing opportunities for their members. This process could focus on the delivery of a strategic plan for Aboriginal landholders, with the primary aim being to support the delivery of additional housing opportunities and appropriate design outcomes on Aboriginal-owned land. This work can be based on the Aboriginal Land Framework (introduced by the NSW Planning System in 2019).</p> <p>Proposed Actions:</p> <ol style="list-style-type: none"> <li>1. to work cooperatively with LALC to rezone land so that it can be used for additional social housing,</li> <li>2. to explore ways to support secondary dwelling/granny flat accommodation on existing Aboriginal/social housing lots,</li> <li>3. to support ways of encouraging the construction of additional Aboriginal social housing stock, so that the underutilisation of existing housing and essential service can be addressed.</li> </ol>



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 ABN 95 942 688 134 - Tel: (02) 9267 5733 - Email: [admin@shelternsw.org.au](mailto:admin@shelternsw.org.au)



## Thank you

Shelter NSW appreciates the opportunity to comment on Goulburn Mulwaree Council's Draft Local Strategic Planning Strategy. We hope that the comments and insights we have provided bring some value to Council's strategic planning work in the housing policy space.

We are also happy to engage with Council on the issues raised in our submission. If you wish to discuss our submission in more detail, please contact Stacey Miers on 0410 633 272 or by email at [stacey@shelternsw.org.au](mailto:stacey@shelternsw.org.au).

Sincerely Yours,

A handwritten signature in black ink that reads "Stacey Miers".

Principle Policy Officer Shelter NSW  
Stacey Miers

Sincerely Yours,

A handwritten signature in black ink that reads "John Engeler".

Chief Executive Officer Shelter NSW  
John Engeler



Level 1, 241 Castlereagh Street, Sydney NSW 2000 - [www.shelternsw.org.au](http://www.shelternsw.org.au)  
ABN 95 942 688 134 - Tel: (02) 9267 5733 - Email: [admin@shelternsw.org.au](mailto:admin@shelternsw.org.au)



29 June 2020

Mr Warwick Bennett  
General Manager  
Goulburn Mulwaree Council  
Locked Bag 22  
GOULBURN NSW 2580

Dear Goulburn Mulwaree Council,

**Re: Feedback on the Draft Local Strategic Planning Statement (LSPS)**

Thank you for the opportunity to provide feedback on the Draft LSPS.

Cancer Council NSW is committed to reducing the impact of cancer on individuals and the community, and to lessening the burden for people affected by cancer. We are community funded and community focused. We believe health is central to urban planning in order to create environments that promote cancer-smart behaviours and reduce exposure to known cancer risks such as solar ultraviolet (UV) radiation.

Cancer Council NSW is a key partner in the implementation of the *NSW Skin Cancer Prevention Strategy (2017)* which defines a comprehensive approach to reducing overexposure to (UV) and ultimately the incidence of skin cancer in NSW. The Strategy is a multidisciplinary initiative lead by Cancer Institute NSW which is an agency of NSW Health.

As part of the delivery of the Strategy, the Shade Working Group is committed to increasing shade across NSW for skin cancer prevention by influencing the planning system and advocating for shade in the local community. Member organisations of the Shade Working Group include: Cancer Institute NSW, Cancer Council NSW, University of New South Wales City Future Research Centre, and a strategic and social impact planner consultant. This submission is being provided by Cancer Council NSW, which also is Chair of the *NSW Skin Cancer Prevention Strategy Shade Working Group*.

**Skin cancer in Australia**

Australia has the highest levels of UV radiation and the highest incidence rates of skin cancer worldwide, where two out of every three people are likely to be diagnosed with skin cancer by the age of 70. UV radiation causes 95% of melanomas and 99% of non-melanoma skin cancers in Australia. This means skin cancer is highly preventable.

In comparison to another important preventable social issue, nearly twice as many people die from melanoma than they do on our roads in NSW. 354 people died on our roads in 2018; while 638 people died of skin cancer in the same year<sup>1</sup>. We wear a



seatbelt every time we get in the car, and we should think about UV radiation in the same way.

Council can play an important role in reducing the risk of skin cancer of its residents through planning and designing shade. Good quality shade can reduce UV exposure by up to 75 per cent. Further information including the co-benefits of shade, are attached. They are also accessible via Cancer Council NSW's [website](#), along with the *Cancer Council NSW Guidelines to Shade* and example case studies of well-designed shade.

#### **Response to the Draft LSPS**

Cancer Council NSW strongly encourages Council to ensure the value of shade for UV radiation protection and other co-benefits are fully recognised in the vision for the LGA.

We have suggestions to support you with this, and attached to this letter is example text developed to include in your LSPS which supports shade as a planning priority for the LGA. We recommend that council look to include all or part of this text in relevant Themes or Planning Priorities from the Draft LSPS. This text can also be accessed via Cancer Council NSW's [website](#).

Thank you again for the opportunity to provide comment on your Draft LSPS. If you would like any further support, please feel free to contact me via [Elizabeth.king@nswcc.org.au](mailto:Elizabeth.king@nswcc.org.au) or ph: (02) 9334 1760.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Elizabeth King".

Elizabeth King  
Chair, NSW Skin Cancer Prevention Strategy Shade Working Group  
Skin Cancer Prevention Manager  
Cancer Council NSW

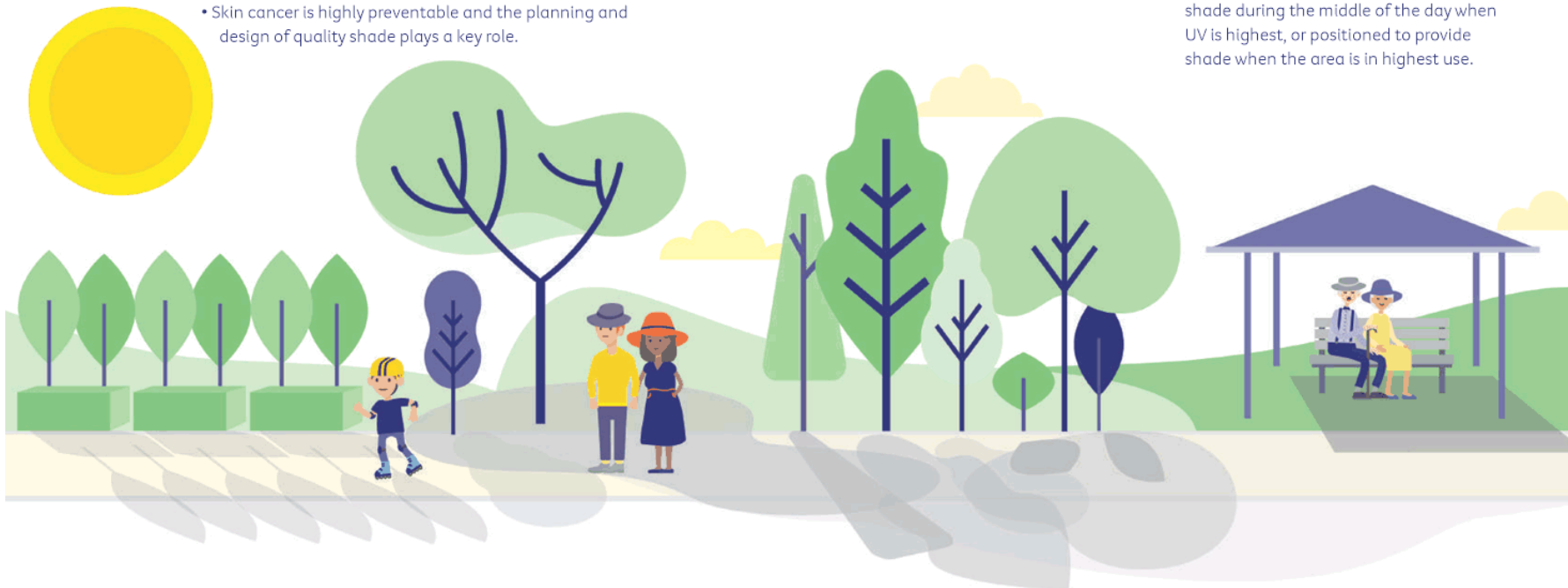
---

<sup>1</sup> Cancer incidence and mortality projections 2011 to 2021. Cancer Institute NSW, Sydney, May 2011.  
Centre for Road Safety, Transport for NSW <https://roadsafety.transport.nsw.gov.au/downloads/road-toll-progress-2018.pdf>

# Shade. A planning and design priority that helps prevent skin cancer.

## Shade protects us from harmful ultraviolet radiation (UV)

- UV from the sun causes at least 95% of all skin cancers in Australia.
- Skin cancer is the most common cancer in Australia - 2 in 3 people will be diagnosed.
- Skin cancer is highly preventable and the planning and design of quality shade plays a key role.



## Quality shade can reduce UV exposure by up to 75%

### What is quality shade?

**Natural shade:** trees with a canopy that is dense and close to the ground.

**Built shade:** stand-alone, portable or add-on structures positioned to provide shade during the middle of the day when UV is highest, or positioned to provide shade when the area is in highest use.

**A combination of natural and built shade provides the best UV protection.**



# Benefits of quality shade and green spaces.

## Health benefits

- Reduces UV exposure and helps prevent skin cancer
- Improves thermal comfort in times of heat
- Increases recreation and physical activity
- Reduces obesity and risk of chronic disease
- Improves mental health and wellbeing

## Environmental benefits

- Reduces build-up of heat in urban areas
- Reduces air pollution
- Reduces water evaporation, soil erosion and storm water run-off
- Reduces atmospheric carbon
- Maintains animal habitat and biodiversity

## Social and economic benefits

- Improves social and community connection
- Reduces neighbourhood crime
- Better placemaking
- Reduces socioeconomic and health inequities
- Increases land and property value
- Reduces energy usage and costs



## How to plan and design quality shade.

Professional resources are available to support you in planning good shade.

- [Cancer Council NSW Guidelines to Shade](#) including a shade audit tool.
- [Cancer Institute NSW Shade Case Studies](#); and
- Support for local governments to prioritise shade in their planning policies.

For more information and access to the online resources:

- Contact the NSW Shade Working Group via email: [CINSW-SkinCancerPrevention@health.nsw.gov.au](mailto:CINSW-SkinCancerPrevention@health.nsw.gov.au)
- Visit [cancercouncil.com.au/shade](http://cancercouncil.com.au/shade) and [cancer.nsw.gov.au/shade-and-uv](http://cancer.nsw.gov.au/shade-and-uv)



*This document was prepared by the NSW Shade Working Group within the auspices of the NSW Skin Cancer Prevention Strategy led by Cancer Institute NSW. Date: 12/2019.*

Cancer Institute NSW







## Shade provision: Suggested text for inclusion in Local Strategic Planning Statements\*

### INTRODUCTION

The text below is example text that could be used by NSW councils in the preparation of their Local Strategic Planning Statements (LSPSs), required to be produced by each council under the Environmental Planning & Assessment Act.<sup>1</sup>

The text specifically relates to the provision of well-designed shade, from the perspective of the NSW Skin Cancer Prevention Shade Working Group, under the [NSW Skin Cancer Prevention Strategy](#).<sup>2</sup>

The text will need to be considered in context with the remainder of the LSPS, particularly its structure, and its inclusion of other items relating to healthy built environments.

The text is designed to be placed under the following headings within the LSPS – headings as provided by the NSW Department of Planning's [Example LSPS, February 2019](#):<sup>3</sup>

- Theme
- Planning Priority
- Rationale
- Council will
- Actions

Example text is provided in *italics* below.

### EXAMPLE TEXT

#### **Theme**

Note that the NSW Department of Planning's [Example LSPS, February 2019](#) does not contain an explicit theme relating directly to the design of healthy built environments. The themes provided in the Example LSPS are only suggestions for councils, and the themes most relevant to healthy built environments in that document are 'Thriving Places to Live and Grow' and 'A Sustainable Environment'.

It is suggested that an alternate theme could be:  
*'Providing Healthy Places to Live, Work and Visit'*.

#### **Planning priority**

A suggested planning priority that could be placed under one of the above themes is:  
*'Design and provide places and spaces that are healthy to live in, to work in and to visit'*.

This generic planning priority should then incorporate other aspects of the healthy built environment, as explained in the following 'rationale' section.

#### **Rationale**

There may be many items included in this section that relate generally to healthy built environments. The following 'rationale' text relates specifically to the provision of shade, written from the perspective of providing well-designed shade for protection from ultraviolet radiation (UV).

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\* **Shade provision: suggested text for inclusion in Local Strategic Planning Statements**

Prepared by Jan Fallding, Registered Planner, June 2019, on behalf of the NSW Skin Cancer Prevention Strategy Shade Working Group, operating within the auspices of the NSW Skin Cancer Prevention Strategy,<sup>2</sup> led by Cancer Institute NSW.

**Why is shade important?**

Australia has the highest rate of melanoma in the world.<sup>4</sup> Skin cancer is the most common cancer in Australia, with 2 in 3 people diagnosed in their lifetime.<sup>5</sup> UV causes 95% of melanomas and 99% of non-melanoma skin cancers,<sup>6</sup> making it a highly preventable cancer.

The incidence rate of melanoma in the [insert name] LGA is [insert age-standardised incidence rate] per 100,000. The NSW average melanoma incidence rate is 51.0 per 100,000.<sup>7</sup> Go to [Cancer Institute NSW Statistics Portal](#) to find melanoma age-standardised incidence rates by LGA.

Well-designed and correctly positioned shade, both natural and built, can reduce UV exposure by up to 75%.<sup>8</sup>

Shade offers a number of benefits for people and the environment and has an increasingly important role to play in mitigating the effects of climate change and reducing heat in urban areas.

**The co-benefits of well-designed shade and green spaces include:****Health benefits:**<sup>9, 10</sup>

- Reduced UV exposure and the prevention of skin cancer.
- Improved thermal comfort in times of heat. Evidence shows that trees can reduce temperatures by 8°C.
- Enhanced childhood development.
- Increased recreation and physical activity, and a reduction in obesity and risk of chronic disease.
- Faster healing times and pain tolerance for hospital patients in a room with a view of trees.
- Improvements in mental health and wellbeing, including stress reduction and relaxation, greater happiness, lower rates of anger and depression and improved mental function and concentration.
- Noise reduction.

**Environmental benefits:**<sup>9, 10</sup>

- Reduced build-up of heat in urban areas and consequent 'heat island' effects.
- Reduced air pollution.
- Reduced water evaporation, soil erosion, and storm water run-off.
- Reduced atmospheric carbon.
- Increased animal habitat and maintenance of biodiversity.

**Social and economic benefits:**<sup>9, 10</sup>

- Increased social connectivity and sense of community by providing pleasant and aesthetically pleasing places for people to meet, socialise, exercise and rest.
- Reduced neighbourhood aggression, violence and crime.
- Street trees can help define or preserve the culture and history of a place.
- Improved thermal efficiency of buildings through shading and energy savings of up to 12-15%.
- Increased land and property values. Just one tree can increase the value of a property by approximately \$5,000.
- Opportunity to reduce socioeconomic and health inequities, which have been shown to be smaller in green areas.

**\* Shade provision: suggested text for inclusion in Local Strategic Planning Statements**

Prepared by Jan Fallding, Registered Planner, June 2019, on behalf of the NSW Skin Cancer Prevention Strategy Shade Working Group, operating within the auspices of the NSW Skin Cancer Prevention Strategy,<sup>2</sup> led by Cancer Institute NSW.

*It is likely that [insert name] LGA will experience more frequent, longer and more extreme periods of uncomfortable summertime heat and heat wave events in the future. The provision of quality shade throughout the LGA will be one of the most cost-effective ways to address this situation in the long term, and has the co-benefit of protecting us from UV exposure.*

*Natural and built shade can be easily included in planning processes for developments, particularly in urban areas. Well-designed shade, effectively planned and correctly positioned, can also alleviate concerns about needing to remove or modify trees to address engineering, wiring or maintenance issues.*

#### **What is well-designed shade?**

*Well-designed shade uses a combination of natural and built shade to provide protection from UV radiation where it is needed, at the right time of day and at the right time of year.*

*The latest [Guidelines to Shade](#) from Cancer Council NSW<sup>1</sup> is a practical tool to aid LGA's in the design of quality shade.*

*In a playground setting, the [Everyone Can Play Guideline](#) from the NSW Department of Planning and Environment<sup>2</sup> provides a set of design principals and best practice recommendations to develop inclusive playspaces which provide well-designed shade for the comfort and protection of children and carers.*

*Good design is NSW Government policy, as described in [Better Placed](#) from the Government Architect NSW<sup>3</sup>, which outlines an integrated design policy for the built environment in NSW.*

#### **Council will**

Suggested text for this section is:

1. *Consider the provision of well-designed shade, both natural and built, in the provision of all public infrastructure, from large developments such as major recreation facilities, public buildings and town centre upgrades, to the smallest public domain improvements such as bus shelters.*
2. *Encourage the provision of well-designed shade in all private developments, particularly recreation facilities and those that adjoin public places, such as commercial developments.*
3. *Consider the co-benefits of shade in all decisions about infrastructure provision and maintenance.*

#### **Actions**

Suggested text for this section is:

1. *Council's [insert relevant name] Development Control Plan will be reviewed to:*
  - a) *incorporate design considerations regarding the provision of well-designed shade, with reference to the latest shade guidelines.<sup>9</sup>;*
  - b) *require well-designed shade in any private buildings or developments that adjoin public places that are likely to have significant visitation (e.g. high pedestrian traffic or people visiting or pausing in public spaces);*
  - c) *require the provision of well-designed shade in recreation facilities;*
  - d) *require the provision of well-designed shade in the design of any public infrastructure;*
  - e) *require the consideration of the benefits of shade in any application to remove trees or vegetation currently providing significant shade and communicate to residents the benefits of shade; and*

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#### **\* Shade provision: suggested text for inclusion in Local Strategic Planning Statements**

Prepared by Jan Fallding, Registered Planner, June 2019, on behalf of the NSW Skin Cancer Prevention Strategy Shade Working Group, operating within the auspices of the NSW Skin Cancer Prevention Strategy,<sup>2</sup> led by Cancer Institute NSW.

.....  
Cancer Institute NSW

- f) *encourage the provision of well-chosen and well-placed street trees in residential or public domain developments.*
2. *Council's Engineering Design specifications [insert relevant document name] will be updated to include specifications for the provision of well-designed shade.*
  3. *Council will prioritise well-designed shade in its provision of new and upgraded public infrastructure and spaces.*
  4. *Council will consider retrofitting current public infrastructure and spaces to include well-designed shade.*

## REFERENCES

1. NSW Government Environmental Planning and Assessment Act 1979 No 203  
<https://www.legislation.nsw.gov.au/#/view/act/1979/203>
2. *NSW Skin Cancer Prevention Strategy*, Cancer Institute NSW. Sydney, 2017.  
Available from: <https://www.cancer.nsw.gov.au/nsw-skin-cancer-strategy>
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<https://www.planning.nsw.gov.au/Policy-and-Legislation/Environmental-Planning-and-Assessment-Act-updated/Guide-to-the-updated-Environmental-Planning-and-Assessment-Act-1979/Part-3-Strategic-planning/Key-documents-and-FAQs>
4. International Agency for Research on Cancer. Estimated number of new cases in 2018, melanoma of skin, both sexes, all ages [Internet]. Global Cancer Observatory, Cancer Today 2018 [20 June 2019]. Available from: [https://gco.iarc.fr/today/online-analysis-table?v=2018&mode=population&mode\\_population=countries&population=900&populations=554&key=asr&sex=0&cancer=16&type=0&statistic=5&prevalence=0&population\\_group=18&ages\\_group%5B%5D=0&ages\\_group%5B%5D=17&nb\\_items=5&group\\_cancer=1&include\\_nmsc=1&include\\_nmsc\\_other=0#collapse-group-0-5](https://gco.iarc.fr/today/online-analysis-table?v=2018&mode=population&mode_population=countries&population=900&populations=554&key=asr&sex=0&cancer=16&type=0&statistic=5&prevalence=0&population_group=18&ages_group%5B%5D=0&ages_group%5B%5D=17&nb_items=5&group_cancer=1&include_nmsc=1&include_nmsc_other=0#collapse-group-0-5)
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10. *Five million trees for Greater Sydney. Local Government Grant Program*. Department of Planning and Environment, Sydney, 2018. Available from: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Guidelines/Policy-and-legislation/Open-Space-and-Parklands/five-million-trees-for-greater-sydney-guidelines-2018-11-07.pdf>

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**\* Shade provision: suggested text for inclusion in Local Strategic Planning Statements**

Prepared by Jan Fallding, Registered Planner, June 2019, on behalf of the NSW Skin Cancer Prevention Strategy Shade Working Group, operating within the auspices of the NSW Skin Cancer Prevention Strategy,<sup>2</sup> led by Cancer Institute NSW.



11. *Guidelines to Shade*, Cancer Council NSW. Sydney, 2013. Available from: [https://www.cancercouncil.com.au/wp-content/uploads/2011/04/Guidelines\\_to\\_shade\\_WEB2.pdf](https://www.cancercouncil.com.au/wp-content/uploads/2011/04/Guidelines_to_shade_WEB2.pdf)
12. *Everyone can play guideline*, Office of Open Space and Parklands, Department of Planning, NSW Government. Sydney, 2019. Available from: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Guidelines/everyone-can-play-guideline-2019-02-20.pdf>
13. *Better Placed: an integrated design policy for the built environment of New South Wales*. Government Architects NSW. Sydney 2017. Available from: <https://www.governmentarchitect.nsw.gov.au/resources/ga/media/files/ga/strategy-documents/better-placed-a-strategic-design-policy-for-the-built-environment-of-new-south-wales-2017.pdf>

### OTHER RESOURCES

- <https://www.sunsmart.com.au/communities/local-government> - a range of resources to assist councils in providing well-designed shade. Based on Victorian examples, but can be easily adapted to NSW.
- <https://www.cancer.nsw.gov.au/shade-and-uv> - Shade case study examples by Cancer Institute NSW
- [http://www.lowcarbonlivingcrc.com.au/sites/all/files/publications\\_file\\_attachments/rp2024\\_guide\\_to\\_urban\\_cooling\\_strategies\\_2017\\_web.pdf](http://www.lowcarbonlivingcrc.com.au/sites/all/files/publications_file_attachments/rp2024_guide_to_urban_cooling_strategies_2017_web.pdf) Osmond, P., and Sharifi, E., 2017. *Guide to Urban Cooling Strategies*. Low Carbon Living CRC.

### CONTACT DETAILS / MORE INFORMATION

- NSW Shade Working Group email: [CINSW-SkinCancerPrevention@health.nsw.gov.au](mailto:CINSW-SkinCancerPrevention@health.nsw.gov.au)
- Cancer Council NSW website: [www.cancercouncil.com.au/cancer-prevention/sun-protection/](http://www.cancercouncil.com.au/cancer-prevention/sun-protection/)
- Cancer Institute NSW website: [www.cancer.nsw.gov.au/shade-and-uv](http://www.cancer.nsw.gov.au/shade-and-uv)

This information is based on available evidence at the time of review.  
It can be copied for distribution.  
Latest update: July 2019

For further information contact the NSW Shade Working Group via email  
[CINSW-SkinCancerPrevention@health.nsw.gov.au](mailto:CINSW-SkinCancerPrevention@health.nsw.gov.au) or go to  
<https://www.cancercouncil.com.au/cancer-prevention/sun-protection/shade-and-sun-protection/>

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\* **Shade provision: suggested text for inclusion in Local Strategic Planning Statements**  
Prepared by Jan Fallding, Registered Planner, June 2019, on behalf of the NSW Skin Cancer Prevention Strategy Shade Working Group, operating within the auspices of the NSW Skin Cancer Prevention Strategy,<sup>2</sup> led by Cancer Institute NSW.





**p: (02) 4823 4444**  
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**Locked Bag 22, Goulburn NSW 2580**



## Mayor's Message

The Local Strategic Planning Statement sets out a 20 year vision for land use in Goulburn Mulwaree including what we would like to preserve, and how growth and change will be managed into the future.

The document sets out planning priorities consistent with our strategic planning documents such as the Tablelands Regional Community Strategic Plan and Regional Economic Development Strategy along with Council's own strategic framework.

Ten planning priorities have been identified, and within each of these we have set short, medium and long term goals along with a vision for where we would like to be by 2040.

Primarily, we want to see our region continue to grow in a sustainable manner. We want to preserve our heritage, character, environment and space, but also build upon the services and facilities our community desire.

As stated in our vision, we are a proud modern city, located in a vibrant, growing rural region. Strategically located, we will continue to grow while ensuring our natural environment and rural landscapes are preserved. I certainly am looking forward to the progress over the coming decades.

**Mayor Bob Kirk**



## Acknowledgement of Country

We would like to Acknowledge and pay our respects to the Aboriginal Elders both past and present, as well as emerging leaders, and Acknowledge the traditional custodians of the Land of the Goulburn Mulwaree Local Government Area.

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# Abbreviations

ABS	Australian Bureau of Statistics
CBD	Central Business District (Goulburn)
Council	Goulburn Mulwaree Council
CRJO	Canberra Region Joint Organisation
CSP	The Tablelands Community Strategic Plan
DCP	Development Control Plan
DPIE	Department of Planning Industry & Development
DSP	Developer Servicing plan
EP & A Act	Environmental Planning & Assessment Act
ERP	Estimated Resident Population
FIFO	Fly in fly out (workers)
Forecast i.d.	Forecast i.d. – Demographic Resources
GM	Goulburn Mulwaree
GMC	Goulburn Mulwaree Council
.id	.id community – Demographic Resources (also known as profile i.d. or Forecast i.d.)
LEP	Local Environmental Plan
LG Act	Local Government Act 1993
LGA	Local Government Area
LLS	Local Land Services
LSPS	Local Strategic Planning Statement
NGO	Non-Government Organisation
RMS	Roads and Maritime Services (now Transport for NSW)
SEIFA	Socio- Economic Indexes for Areas – Australian Bureau of Statistics
SETRP	South East Tablelands Regional Plan
Transport NSW	Transport for NSW – former RMS
TREDS	Tablelands Regional Economic Development Strategy
URP	Urban resident population

# 01 Introduction & Purpose

The Goulburn Mulwaree Local Strategic Planning Statement (LSPS) sets out a 20 – year vision for the future of the Goulburn Mulwaree Local Government Area (LGA) as it grows and changes.

Goulburn Mulwaree Council wants to ensure that the LGA continues to grow in a sustainable manner and respond to the unique environment in which it is situated. This LSPS is considered to be an opportunity to identify key issues and opportunities for managing urban, rural and natural environments.

As the LSPS shapes our decisions, it also meets the requirements under the Environmental Planning and Assessment Act, 1979 (EP&A Act). Every council in NSW is required to prepare and make an LSPS that includes the basis for strategic planning in its area having regard to economic, social and environmental matters. The LSPS must set out planning priorities that, in our case, are consistent with the:

- South East Tablelands Regional Plan 2036
- Tablelands Regional Economic Development Strategy 2018-2022
- The Tablelands Regional Community Strategic Plan 2016-2036
- GMC Strategies, Delivery and Operational Plans

A policy map is provided in Attachment 1.

The LSPS must also include actions to deliver the planning priorities that are set out in this document, and the basis for how we will monitor and report on

the implementation of these actions. In this way the LSPS gives us the link between priorities and actions at a regional level into local plans for Goulburn Mulwaree. It allows us to plan for local changes such as new and diverse housing or better transport connections, within the broader context of the South East Tablelands Regions.

The LSPS provides context and direction for land use decision-making in Goulburn Mulwaree. It:

- Provides a 20 year land use vision for the LGA
- Outlines the characteristics that make our community unique
- Directs how future growth and change will be managed
- Informs changes to Goulburn Mulwaree Local Environmental Plan 2009 and Development Control Plan 2009.
- Gives effect to the state, regional and local strategies.
- Identifies where further detailed strategic planning may be needed.



1

## 02 Consultation

This draft LSPS has been developed based on information provided by our community, during recent consultation on a number of related projects including:

- The Tablelands Community Strategic Plan 2016 – 2036
- Draft Urban and Fringe Housing Strategy 2019
- Draft Social Sustainability Strategy and Action Plan 2019

**Common themes emerging from consultation are:**

- Maintain the heritage character of Goulburn
- Facilitate economic development to provide opportunities for the region's young people
- Take advantage of opportunities presented by our proximity to Sydney and Canberra
- Balance development with maintenance of quality of life particular to a regional city
- Access to local jobs and employment opportunities is important.
- We have a strong services sector.
- A desire for improved public transport.
- Our community groups and organisations are important social connectors
- Mental health is an increasing challenge for the community
- Supporting vulnerable community members is important to our community.
- Climate change impacts including drought, fires and flooding impact on our community's wellbeing
- Our parks and open spaces are an important asset for our community





# 03 Vision For 2040

## We are a modern city located in a vibrant, growing rural region...

We are a modern, regional city strategically located to allow easy access to the major metropolitan centres of Sydney and Canberra; offering a lifestyle which blends rural living with city amenity. Our diverse economy is driven by the services we provide for the region however reflects our history as a centre for agricultural production. Our socially connected community enjoys modern facilities and an environment rich in historical and cultural heritage, representing both Aboriginal and European development. Our natural environment, bushland, parks and rural landscapes are intrinsic to the character of our city and villages.

Our sporting, cultural and civic areas are linked with a series of pathways and green corridors.

We have a diversity in housing choice and affordability with most housing located in Goulburn and Marulan. To support this housing there is access to services within Goulburn at a regional level such as the upgraded Base Hospital.

Transport links via road and rail infrastructure to Sydney, Canberra and the South Coast facilitates industry and resident access to other areas.

Goulburn Mulwaree LGA provides the majority of employment, training and education opportunities for residents.

The local community is sustainable and resilient to the impacts of climate change and natural hazards such as flood and bushfires.



# 04 Goulburn Mulwaree Snapshot

Goulburn Mulwaree LGA is strategically situated on the Hume/ Federal Highways approximately 1 hour from Greater Sydney and 1 hour from Canberra within the Southern Tablelands of NSW and covers an area of 3,223km<sup>2</sup> with an elevation of 500 – 700m.

The LGA is located within the Sydney drinking water catchment with the confluence of the Wollondilly and Mulwaree Rivers being within Goulburn city.

Goulburn Mulwaree is home to 31,132 residents<sup>1</sup>. Almost two thirds of residents live in the township of Goulburn, however there are also a series of towns, villages and rural localities that service local rural communities including Marulan, Middle Arm, Tarago, Tallong, Bungonia, Lake Bathurst, Towrang, Windellama and Parkesbourne.

Two major Aboriginal language groups were identified within the region at the time of European contact being the Gandangarra to the North and the Ngun(n)awal to the south (the original Tindale’s 1974 map of tribal boundaries being based on language). However, boundaries are proximate and by the time languages were recorded in the 1890s local indigenous population had already experienced significant change<sup>2</sup>. The region was also traditionally a meeting place for many Aboriginal Groups. In 1818 Hume and Meehan first crossed the area where Goulburn was to be settled and by 1863, only 45 years later, Queen Victoria had declared Goulburn as Australia’s first inland city.

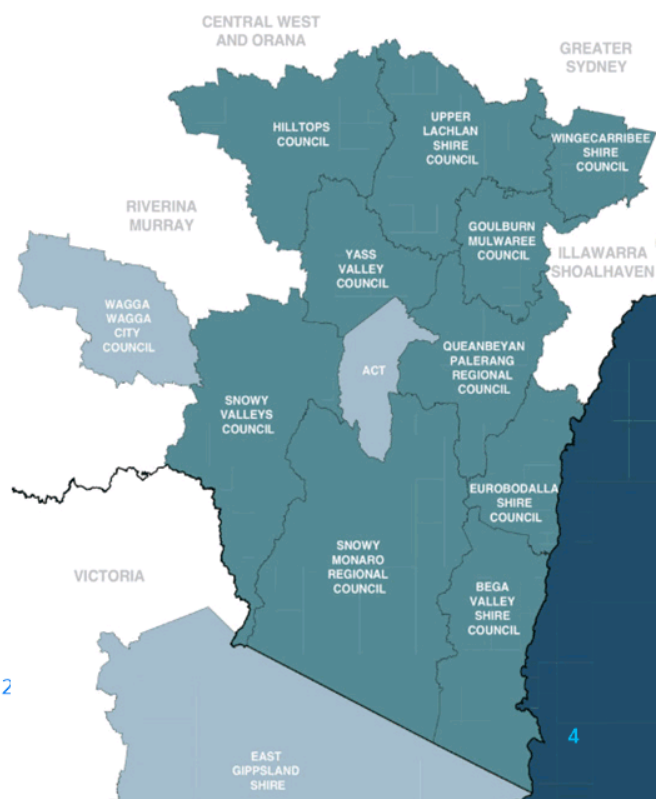
Goulburn’s growth was underpinned by agriculture (in particular the wool industry), a short lived gold rush in the region and further enhanced by the railways, with development focused on Goulburn as a regional centre. The legacy of this is a wealth of significant heritage buildings and landscapes.

Over more recent decades, the economy has transitioned to a broader base. The top sectors by employment (2018/19)<sup>3</sup> in order of size (largest to smallest) are: health care and social assistance; construction, retail trade; public administration and safety; accommodation and food services; manufacturing; education and training; agriculture; forestry and fishing.

<sup>1</sup> ABS ERP 2019

<sup>2</sup> Goulburn LGA Aboriginal Heritage Study p.12

<sup>3</sup> Forecast i.d.



# 05 Goulburn Mulwaree Demographics

Given the size of Goulburn Mulwaree and the concentrations of population density in Goulburn and Marulan, the Forecast i.d. (Demographic Service) areas are used to differentiate statistics for Goulburn, Rural North and Rural South as per the diagram.

Since the Census only occurs every 5 years and the last Census was undertaken in 2016, Council uses Australian Bureau of Statistics (ABS) estimated resident population (ERP) data for the intervening period or Forecast i.d (private demographic service) data.



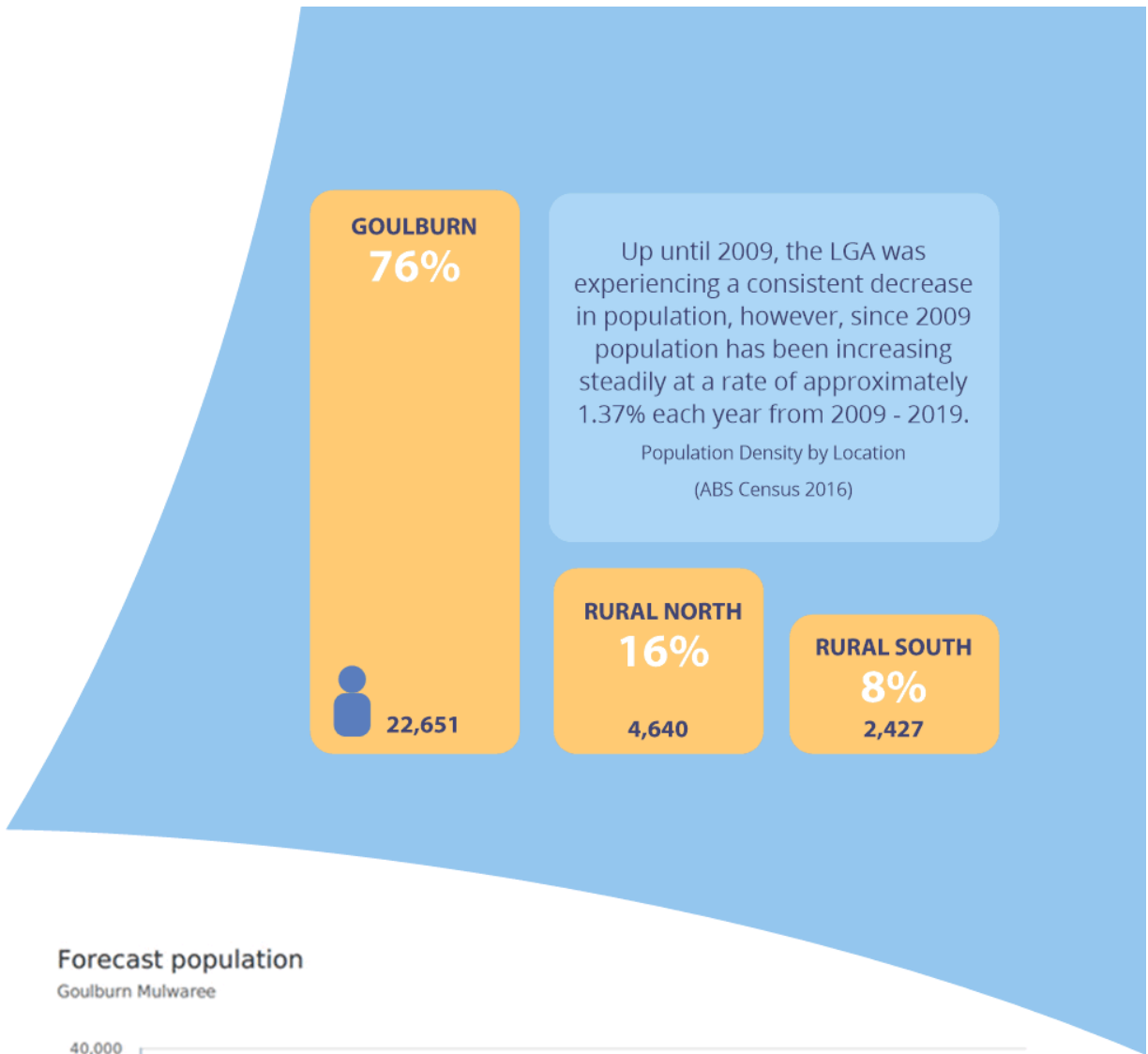
## 2016 Census Data

According to the 2016 census, Goulburn Mulwaree LGA was home to 29,609 people <sup>4</sup>. This population predominantly lives within Goulburn (23,320 people, 76% of the total population), with a further 16% (4,897 people) living in the Rural North and 8% (2,545 people) living in the Rural South.

## Population Increase between 2009-2019

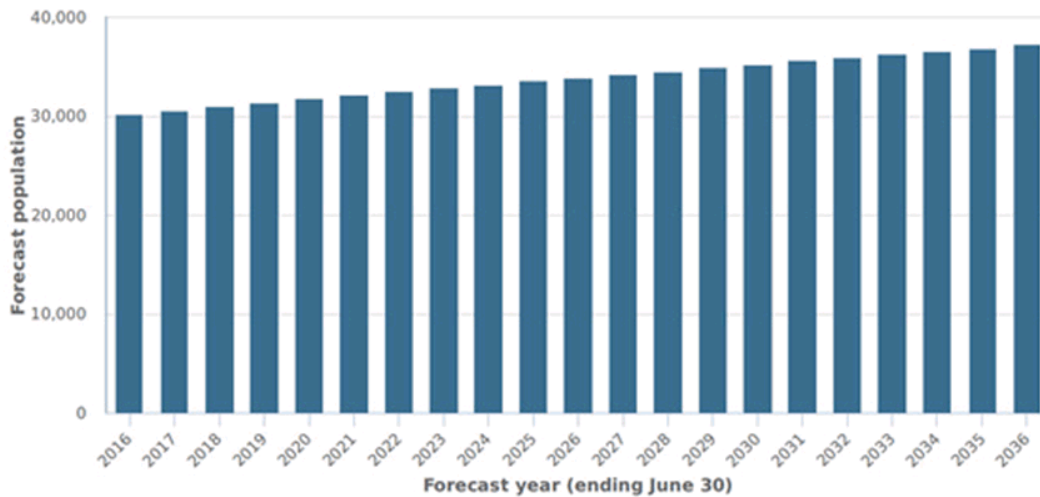
From 2009 to 2019, Goulburn Mulwaree Council area's population increased from 26,695 to 31,132<sup>5</sup> people. This represents an average annual population change of 1.37% per year over the 10 year period.





**Forecast population**

Goulburn Mulwaree



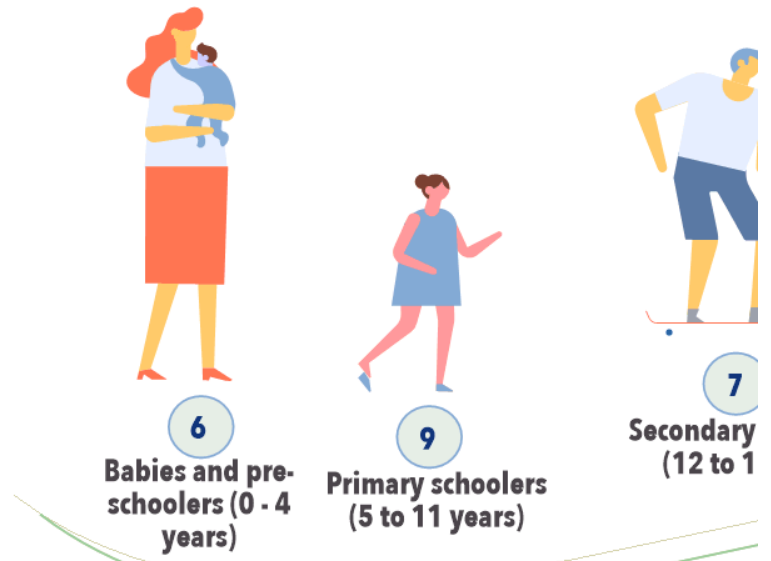
Population and household forecasts, 2016 to 2036, prepared by .id, December 2017.



<sup>4</sup> ABS 2016 URP

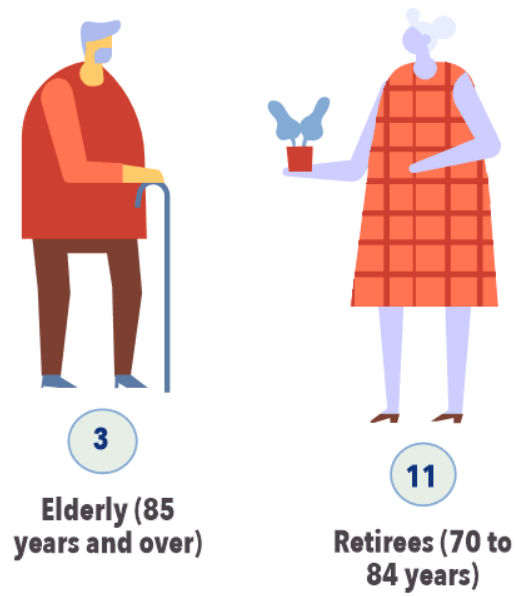
<sup>5</sup> ABS ERP 2019

# IF THERE WERE 100 PEOPLE IN GOULBURN MULWAREE, THERE WOULD BE...



How can Goulburn Mulwaree Council make sure the needs of children and young people are met?

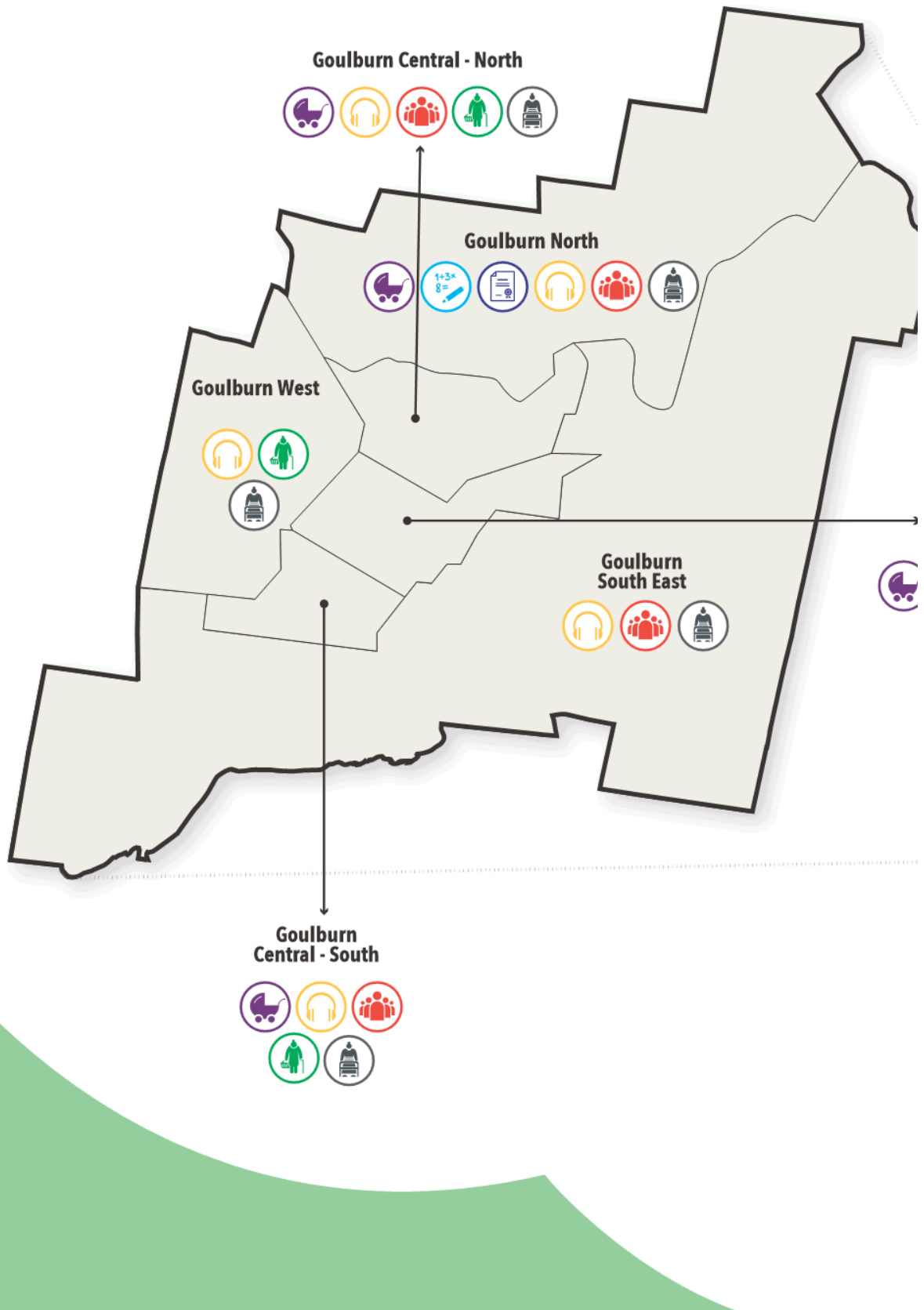
While also meeting the needs of their



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# Population Age and Distribution

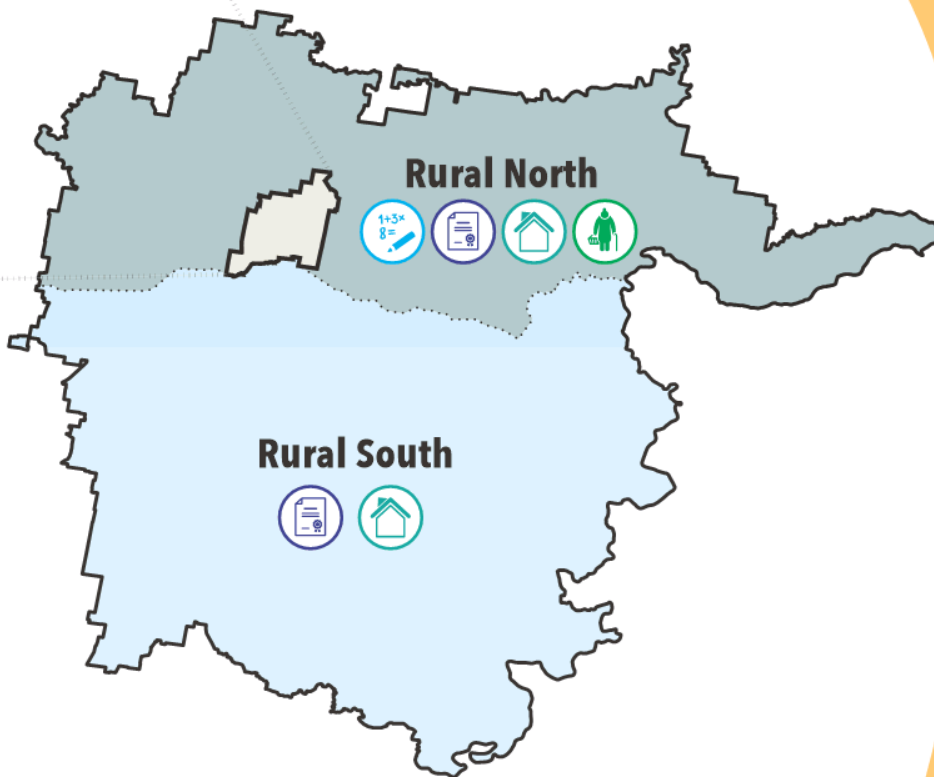




### Comparison to Goulburn LGA averages

-  More than 5.9% of population are aged 0 to 4 years old
-  More than 8.8% of population are aged 5 to 11 years old (primary school)
-  More than 7.2% of population are aged 12 to 17 years old (high school)
-  More than 15% of people aged 18 to 24 years old
-  More than 12% of people aged 25 to 34 (young workforce)
-  More than 12.6% of people aged 60 to 69 (empty nesters and retirees)
-  More than 10.8% of people aged 70 to 84 years old (seniors)
-  More than 2.5% of people aged over 85 years old (elderly)

#### Goulburn Central - CBD



# 06 Goulburn Mulwaree Strategic Context

Goulburn Mulwaree is located within the South East Tablelands and Canberra Regions (and is a member of the Canberra Region Joint Organisation of Councils <sup>6</sup>).

As Australia's first inland city, Goulburn is a strategic regional centre which provides a variety of high order services such as; a Public Hospital, NSW State Offices, Country Universities Centre, TAFE, NSW Police Academy, Local Court, Goulburn Correctional Facility, Cathedrals, Conservatorium of Music, Aquatic and Leisure Centre, Regional Art Gallery, Library, Museums and a Community Centre. Major regional transport corridors (Hume and Federal Highways) pass through the LGA connecting with Sydney, Canberra and Melbourne. The Main Southern Railway Line also passes through the LGA which has a number of stations including one within the Goulburn CBD.

The LGA is also strategically positioned to provide an alternative route to the South Coast via Nerriga. This route provides economic benefits in relation to heavy vehicles (as it is less topographically constrained than the northern passes to the coast) and offers an alternate tourist drive. The LGA also has major private infrastructure such as the Goulburn Race Course, Speedway, Wakefield Park Raceway and Goulburn Airport.

In recent years State and Council investment in services and assets include; a \$150 million redevelopment of Goulburn Base Hospital, a new wastewater treatment facility in Goulburn, a planned upgrade of the Aquatic and Leisure Centre, upgrades to Victoria Park (a regional park which has had a new adventure playground, a youth "Rage Cage" and new skate park installed) and a CBD enhancement program. Ongoing cultural projects like the Wollondilly Walking Track and adaptive re-use of the prominent heritage listed former Town Hall for a Performing Arts Centre, and the extension of the War Memorial Museum all contribute to community life.

The LGA is rich in natural, Aboriginal and European cultural and built heritage. The European heritage reflecting historical agricultural and gold mining booms that resulted in the construction of many significant buildings particularly within the Goulburn CBD. Goulburn and its surrounding towns and villages – including Marulan, Middle Arm, Tarago, Tallong, Bungonia, Lake Bathurst, Towrang, Windellama & Parkesbourne – combine an easygoing lifestyle and city accessibility. Residents take pride in the city's heritage and modern assets, strong arts and emerging entertainment scene, and economic opportunities.

<sup>6</sup> <https://crjo.nsw.gov.au>

Affordable housing, a better cost of living and proximity to Canberra and Sydney, with easy access to the South Coast and the Snowy Mountains, attract new residents. Goulburn Mulwaree's population is projected to increase by at least 6,941 people by 2036, requiring more than 3,000 new dwellings as the trend is for decreasing household sizes (average occupation rate of 2.31 persons per household). While the city is expected to accommodate most of this growth, it will be a challenge to balance mixed land uses and densities, valued heritage assets, affordable housing prices and access to essential services. Goulburn Mulwaree LGA has expanded from its traditional agricultural base, with the region's largest employers being health care and social assistance, retail trade, construction and public administration and safety. Hard rock and limestone extraction at Marulan and the region's only bioreactor at Tarago contribute to local and national construction markets.

Agriculture continues to be a significant contributor to the economy with livestock meat processing being a significant sector.

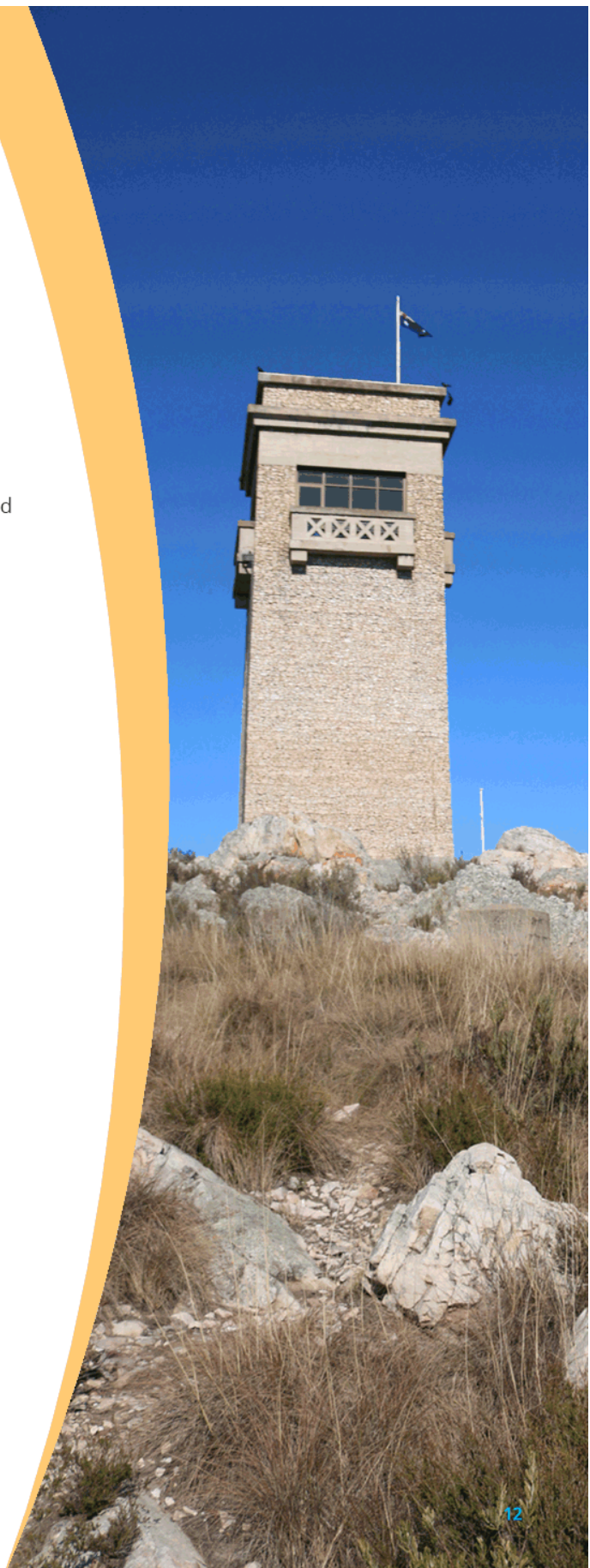
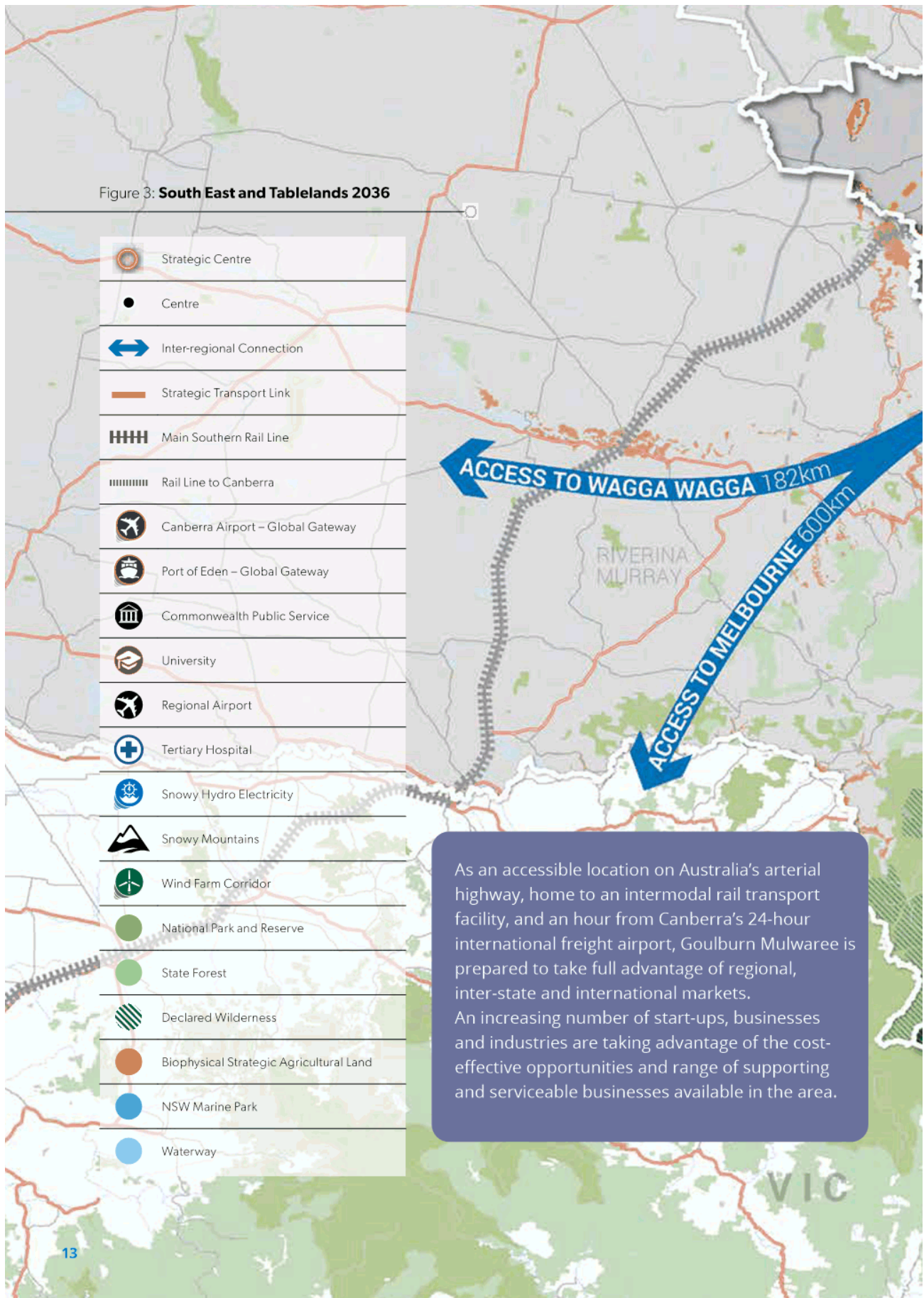


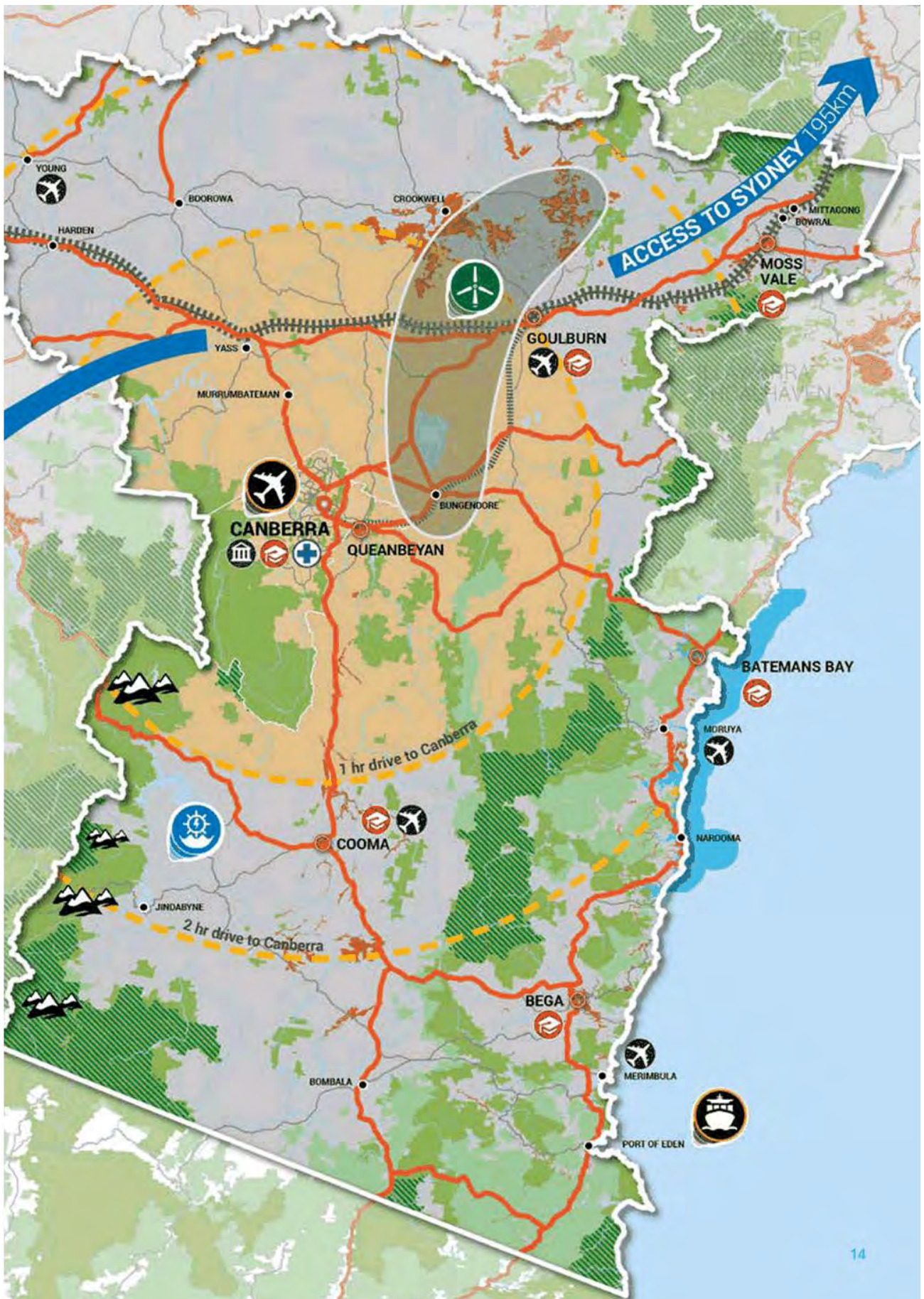


Figure 3: South East and Tablelands 2036



As an accessible location on Australia’s arterial highway, home to an intermodal rail transport facility, and an hour from Canberra’s 24-hour international freight airport, Goulburn Mulwaree is prepared to take full advantage of regional, inter-state and international markets. An increasing number of start-ups, businesses and industries are taking advantage of the cost-effective opportunities and range of supporting and serviceable businesses available in the area.





# 07 Planning Priorities

Ten planning priorities for Goulburn Mulwaree are identified in this Statement:

- 1.** Infrastructure
- 2.** City, Town and Village Centres
- 3.** Community Facilities, Open Space and Recreation.
- 4.** Housing
- 5.** Primary Industry
- 6.** Industry and Economy
- 7.** Sustainability
- 8.** Natural Hazards
- 9.** Heritage
- 10.** Natural Environment

Each priority includes a vision for 2040, land use planning actions and timeframes. Timeframes for land use planning actions are prioritised as follows:

Short	1 - 3 Years
Medium	4 - 10 Years
Long	11 - 20 years

There are related actions to some of the planning priorities which Council may undertake as separate actions. These are listed as Council actions rather than land use planning actions. This is in recognition of the broader role Council plays in strategic planning.

Links are provided where relevant to other documents which may provide a better understanding of an issue or further reading.



## Infrastructure

### Existing Situation

Community infrastructure is largely centralised and located within Goulburn, with Marulan being the only other settlement within the LGA providing water and sewer infrastructure. Sufficient water supply is available for Goulburn and Marulan to meet the needs of housing identified to 2036. Goulburn’s Waste Water Treatment Plant is recently completed and an upgrade is planned for Marulan.

A relatively low population in the rural areas results in extensive road networks which are expensive to maintain. Furthermore, new link roads will be required in Goulburn if population continues to increase as projected. Goulburn and Marulan Centres are well serviced with community infrastructure but new residential development on the fringes will need access to both.

Goulburn and Marulan waste management centres are relatively close to the town centres and will require protection from more sensitive land uses such as residential development.

Stormwater strategies for Goulburn and Marulan are outdated and require review and potential upgrading.

Transport connectivity is a major consideration for Goulburn Mulwaree, and is highlighted as an important factor required for future growth.

Engagement, collaboration and partnerships with relevant stakeholders are an important aspect of ensuring proper consideration of all actions and undertakings which affect the community as a whole.



## Infrastructure

### Vision 2040

*Infrastructure meets the needs of a growing community*

### Challenges for Land Use

- Public transport timetables to Sydney and Canberra are limited via bus/rail.
- Council has an extensive road network which is maintained from council rates and grants. As a regional council finding adequate funding is difficult as there is a large length of road compared to the population.
- Limited capacity of local roads and freight networks to support safe and buffered haulage routes for new industries
- Access to Hume and Federal Highways from Goulburn and Marulan currently requires some heavy vehicle movement through the town centres.
- Upgrades required to improve heavy vehicle haulage route to the South Coast.
- Growth in Goulburn and Marulan will create need for additional community infrastructure.
- Access to community infrastructure for rural areas.
- Proportionately high rate of residents without internet access.
- Protection of community infrastructure from encroachment by more sensitive land uses.

### Planning Principles

- Ensure planning decisions protect important infrastructure assets including water, haulage routes, waste and sewerage management facilities from encroachment by more sensitive or unsuitable uses.
- Work with the NSW Government and agencies to improve public transport services to Canberra and Sydney, including investigation of a fast rail link, with Goulburn Station to remain located in the CBD
- Identify, maintain and upgrade essential community infrastructure in the main population centres of Goulburn and Marulan to meet contemporary standards.
- Improve the active travel and public transport networks for existing and new urban areas where possible



**Actions - Planning**

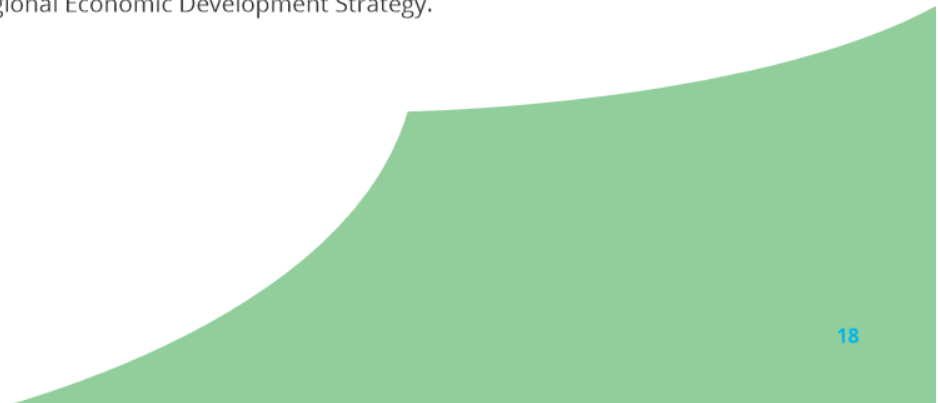
Action	Timeframe
Review infrastructure funding within Developer Contributions Plans (Section 7.11 and 7.12 plans under EPA Act, and Section 64 LG Act).	Short
Upgrade Hume Highway access to North Goulburn and South Marulan	Medium – Long (industry and economy)
Upgrade the East-West haulage route from Nerriga to Goulburn.	Medium (as per above)
Planning decisions at all levels made to protect essential infrastructure such as water/waste sewerage facilities from encroachment from other land uses.	Ongoing

**Actions - Council General**

- Marulan sewer system upgrade.
- Advocate for State to improve digital connectivity for our rural areas.
- Advocate for State to improve public transport timetables for bus and rail to Sydney and Canberra.

**Related Policies and Plans**

- SE Tablelands Regional Economic Development Strategy.



## City, Town and Village Centres

### Existing Situation

Goulburn Mulwaree is uniquely placed in that the area’s population is centred on the city of Goulburn. The Goulburn core central business district (CBD) is relatively large covering an area of 48 hectares and the broader CBD area covers 132 hectares, and contains attractive heritage buildings, streetscapes and precincts such as that around Belmore Park.

The Goulburn CBD is a major retail and government administrative centre. Commercial and retail development is focused on the ground floors of existing buildings with upper storey areas underutilised.

It is envisaged that despite the impacts from online retailing, the population growth identified in the Draft Urban and Fringe Housing Strategy will provide some impetus for businesses in the CBD. Improvements to CBD infrastructure will also support additional retail, commercial and residential growth. Growth in Goulburn must be balanced with maintaining its strong sense of place

by encouraging adaptive reuse of heritage items and maintaining streetscapes. Supporting or supplementary infrastructure will be encouraged to enhance the sense of place and highlight heritage or contributory items.

Encouraging additional residential development within the CBD will assist to revitalise the centre, make better use of existing infrastructure and provide a greater range of dwelling types which are less reliant on private transport.

Each of Goulburn Mulwaree’s towns, villages and localities have their own distinct character, constraints and opportunities. In recent times either Council or local extractive industries have funded plans for Marulan and Tarago. These plans identify a number of capital works/civic improvements for these centres. A combination of these plans identifying civic improvements and review of precinct character planning provisions in Council’s Development Control Plan is required.





## Vision 2040

*Vibrant, accessible town centres which provide a range of services to meet the community's needs.*

## Challenges for Land Use

- Encouraging urban development and renewal whilst highlighting and enhancing a sense of place.
- Currently very little night time activity in the Goulburn CBD.
- The Goulburn CBD is bounded to the East/South East by the Main Southern Railway Line and the Mulwaree Ponds/River with associated parkland and suburb of Eastgrove. Improved connectivity to the eastern side of Goulburn to the CBD is considered to be of benefit to the liveability and productivity of the CBD area.
- Traditional retail is under threat from online shopping, it is important to recognise and enhance the values associated with this key public domain.
- Maintaining Goulburn's CBD as the main retail precinct in Goulburn, whilst also ensuring that new essential retail services are also provided within walking or riding distance of new residential areas on the outskirts of Goulburn.

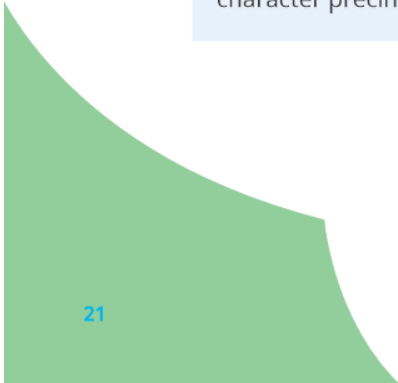


### Planning Principles

- Ensure an appropriate mix of development within Goulburn CBD while maintaining its character and sense of place.
- Increase residential occupancy in Goulburn CBD, including activation of shop-top housing, whilst promoting an active main street and commercial centre
- Undertake place-based planning appropriate to the hierarchy and role of Goulburn, towns, villages and rural localities, as reflected in the Tarago and Marulan Village Plans.
- Enhancement of town and village centres via promotion of urban design principles which identify and articulate a sense of place for each settlement.
- Encourage a vital night time economy in the Goulburn CBD.

### Actions - Planning

Action	Timeframe
Review LEP and DCP provisions including height, FSR and car parking controls to facilitate urban renewal of the Goulburn CBD.	Short
Review Employment Lands Strategy recommendations for Goulburn CBD and inclusion of retail hierarchy study/ recommendations for Goulburn.	Medium
Prepare a Night Time Economy Strategy for Goulburn CBD	Medium
Review Council’s Development Control Plan, to include character precincts to emphasize individual character areas.	Short







### Actions - Council General

- Promotion of Goulburn Mulwaree as a destination.
- Continue to fund or support modern art installations.
- Streetscape/urban design improvements in main streets.
- Main street maintenance/enhancement grants.
- Retail occupation audit in Goulburn CBD.
- Swap the classified road status of Auburn Street with Sloane Street to facilitate streetscape/landscape enhancements on Auburn Street.
- Upgrade railway crossings on Blackshaw Rd, Goulburn to allow for better connectivity between the CBD, riverside parkland and Eastgrove.
- Survey and investigate a pedestrian crossing of the railway line to link the Goulburn Visitor Information Centre car park with parklands fronting Mulwaree Ponds.
- Construct a pedestrian link from Victoria Park via Belmore Park and Montague Street to the proposed Mulwaree Ponds green space.

### Related Policies and Plans

- Goulburn CBD Studies by EDAW and Space Lab
- *Tablelands Regional Economic Development Strategy*
- NSW DPIE *Character Guidelines*

## Community Facilities, Open Space and Recreation

### Existing Situation

Goulburn Mulwaree as a regional centre enjoys an extensive array of public community facilities including: bushland reserves, river foreshore reserves and walkways, regional parks, local parks, museums, library, regional art gallery, community centre, aquatic centre, sports grounds, enclosed sporting area and show ground. Goulburn as a regional centre is the most appropriate location for regional level cultural and sporting facilities.

Council will continue to provide a series of pathways to link areas of open space. In addition to the ongoing development of the Riverside Walk, there are opportunities to link other facilities including the wetlands, heritage sites, cultural and civic areas. Casual walking is identified as the most common recreation activity and the ongoing development of linkages between facilities will enhance this activity.

There is an oversupply of local pocket parks within specific precincts within Goulburn,

however, these parks contribute to the character of the city and are integral to the amenity and heritage values of residential areas. The oversupply of local parks allows Council and the community to focus on the potential public use of these spaces. It is common for residents to expect that all parks will be mown, irrigated, and have play facilities, at considerable cost to Council. However, there is an opportunity to further consider the diversity of functions and types of parks available and explore opportunities for rationalisation of some parks with a focus on regional facilities. Regional facilities include the upgrades to Victoria Park, upgrade of the Aquatic Centre and Regional Hockey Facility.

Cultural enrichment is a focus for the community with recent upgrades to the Rocky Hill War Memorial and Museum, renovations to St. Clair Museum and to the Regional Art Gallery. Council has also committed to build a Performing Arts Centre.

### Vision 2040

*Physical, social and cultural activity is supported by a range of facilities and shared spaces.*

### Challenges for Land Use

- An accessible interconnected range of open space facilities.
- An appropriate mix of local and regional facilities to service growing populations in towns and the broader rural communities.
- Cultural facilities and opportunities that befit a regional centre.
- A higher rate of overweight and obese persons compared to the average across NSW.

### Planning Principles

- Advocate for funding from government, sporting groups and NGO's to upgrade sporting and recreational facilities to meet community demand.
- Plan and secure funding for facilities and spaces that foster healthy, creative, culturally rich and socially connected communities, which are of a standard that reflects Goulburn's status as a regional centre.
- Ensure new subdivisions and development includes open space using both natural systems such as riparian corridors and areas for active recreation use and provides pedestrian & cycle connectivity to existing footpath and cycleway networks.
- Identify, plan and embellish multi-purpose regional parks and sporting facilities within Goulburn.
- New land releases for housing development have appropriate master planning for open spaces and site specific DCP requirements.

### Actions - Planning

Action	Timeframe
Adopt, implement and monitor a Draft Recreational Needs Strategy and its actions.	Short
Implement and monitor the ongoing Social Sustainability Strategy and its actions.	Ongoing
Review and update Plans of Management.	Short
Continue to develop the riverside pathways.	Ongoing
Update Council's Bicycle Strategy 2008 - 2018.	Short
Update developer contributions plans to ensure appropriate funding of open space and consider options such as differential rating of properties in new urban release areas to fund additional open space maintenance.	Short

### Actions - Council General

- Continue to investigate funding opportunities for the Goulburn to Crookwell Rail Trail.
- Continue to investigate/ develop a Regional Hockey Facility.
- Continue to develop the Performing Arts Centre, Community Centre and Aquatic Centre re-development.
- Continue to undertake community cultural events.

### Related Policies and Plans

- NSW Cultural Infrastructure Plan 2025 +







## Housing

### Existing Situation

Housing in Goulburn Mulwaree is primarily located within Goulburn, although in recent years Marulan has been rapidly growing. Overall the population has been growing steadily over the last decade at around 1% per annum. The focus on housing provision is largely on Goulburn and Marulan being the only two urban areas which are serviced with reticulated town water and sewer services. Furthermore, these areas provide better access to employment, services and public transport.

There is very little diversity of housing in Goulburn and Marulan which is an issue which needs attention. Goulburn Mulwaree’s population is aging and the household size projected to fall between now and 2036. These factors will drive a greater demand for a diversity in dwelling types. In the Goulburn Mulwaree, the

‘lowest’ income quartile was the largest group in 2016, comprising 31 per cent of households with income, therefore there is an identified need for affordable and social housing. Waiting times for public housing for dwellings under three bedrooms in size is between 5 and 10 years and three-bedroom properties have wait times of 2 to 5 years. This indicates there is a significant lack of public housing in general, and particularly studio and one bedroom dwellings available within Goulburn. Combined with the increasing number of lone person households, there is expected to be a higher demand for one bedroom dwellings. Accordingly, Council will continue to advocate for increased affordable and social housing provision and to consider changes to planning provisions where necessary to facilitate this form of housing.

Council's Draft Urban and Fringe Housing Strategy vision is of the delivery of housing that:

- Encourages higher density residential development closer to the Goulburn CBD
- Relies on the already zoned land to continue to deliver infill and medium density housing in suitable locations
- Considers sites on a merits-basis where serviced lots within the existing urban footprint become surplus to needs, or the land uses change
- Maximises the use of existing infrastructure and minimises the cost of development to Council and the community
- Encourages and meets the demand for a range of lot sizes and dwelling types
- Provides adequate open space, green linkages, and opportunities for walking and cycling
- Considers opportunities for larger lots, especially around Marulan, with a suitable supply of land for this purpose provided for to 2036, identified within the Strategy
- Recognises that rural residential subdivision is land intensive, therefore proposals to rezone to urban residential or to reduce minimum lot sizes outside the areas nominated in this Strategy will generally not be considered by Council
- Avoids environmentally sensitive areas and areas of high value conservation and natural hazards
- Meets the strategic direction articulated in the Regional Plan
- Council will continue to review planning controls provisions to better utilise existing urban areas for housing whilst also providing for employment lands, open and green spaces.

### Challenges for Land Use

- Sustained population growth and aging infrastructure such as drainage.
- Aging population and reduction in household size over time.
- Lack of diversity in housing stock in relation to affordability, size, style and adaptability,
- Significant areas of relative disadvantage in the Socio- Economic indexes for Areas (SEIFA) (ABS).
- Social housing is aging and waiting times are significant, studio and one-bedroom properties have the longest wait time of more than 10 years.
- Access to services for residents in rural areas.
- Rural residential development is land intensive and potentially causes land use conflict with rural land uses.
- Meeting housing supply and type for a growing population.
- Identifying constraints and opportunities for residential development in the villages.

**Vision 2040**

*A range and diversity in housing type, which is contextual and affordable and is primarily centred around Goulburn and Marulan.*

**Planning Principles**

- Goulburn continues to be the focus of housing growth for the region.
- Collaborate on housing affordability and social housing provision with NSW Government and Not for Profit housing providers.
- Identify fully serviced precincts within or in proximity to the CBD where medium to higher density residential development is suitable
- Ensure that residential development is supported by relevant infrastructure
- Facilitate a broader range of housing types to meet the needs of a changing population – ageing, smaller households etc
- Housing is contextual, well designed and liveable.

**Actions - Planning**

Action	Timeframe
Adopt, implement and monitor an Urban and Fringe Housing Strategy	Short
Review planning provisions to improve aged, social and affordable housing supply.	Short - Medium
Prepare a Villages Strategy, to identify what if any capacity the relevant villages have for further growth.	Medium
Monitor the take up of shop top housing, and housing supply/demand in the CBD.	Ongoing

**Actions - Council General**

- Continue to work with NSW Land and Housing Corporation and the Department of Family and Community Services on Place Plans.
- Continue to work with Government and Non-Government Organisations on the provision of affordable and social housing.
- Promotion of Goulburn Mulwaree as a lifestyle alternative.





## Primary Industry

### Existing Situation

Goulburn Mulwaree's rural areas play a significant role in the shaping of our past, present and future. Council's planning provisions need to ensure that there are adequate protections in place for agricultural land such as from encroachment by more sensitive uses such as residential.

The rural economy makes a significant contribution to Goulburn Mulwaree economy, the largest commodity being meat processing which accounted for 68.6% of Goulburn Mulwaree's total agricultural output in value terms. The largest exporting industries by value are sheep, grains, beef and dairy cattle; and meat and meat product manufacturing. Sheep, beef cattle and grain farming is a key industry, making up 8.6% of employment<sup>7</sup>. Proximity to Canberra Airport, which has now introduced freight services, creates opportunities for additional markets for meat processing.

Renewable energy and extractive industries are growing sectors in Goulburn Mulwaree, however, ideally should not compete for land identified as being of prime crop and pasture potential. Areas of higher crop and pasture potential in our area tend to be lower lying areas surrounding water courses. Currently the Department of Primary Industries (Agriculture) is preparing regional maps to identify important agricultural land. This mapping combined with mapping identifying mineral resources and buffers will contribute to Council preparing a Agriculture and Resource Lands Strategy. Historically Goulburn Mulwaree has been

the source of natural resources such as gold, limestone, hard rock, sandstone, granite, marble, slate, zinc, copper and silver. Extractives in our LGA are dominated by non-metallic mineral mining and quarrying. The overall mining sector has had the largest economic value in growth output increase out of any economic sector. Extractive industries through developer contributions and charitable funds assist with financing road upgrades and community facilities. However, these industries also add significant heavy vehicle traffic to roads and can cause other environmental issues if not appropriately managed. Decommissioned quarry and mines sites that have not been revegetated or rehabilitated (in some cases this is due to the sites predating the current planning system) can also pose problems. They can also provide opportunities such as the Veolia bioreactor at Woodlawn.

The main zones which facilitate rural uses under the GM LEP 2009 are the RU1 Primary Production and RU2 Rural Landscape zones. Approximately 9500ha in various locations is zoned RU6 Transition. This area is excessive and goes well beyond that required to manage interface issues between rural land use and residential land use. However, the range of permissible rural land uses is limited within this zone which potentially sterilises the agricultural capacity of affected land. Furthermore, the title of the zone is suggestive of transition to residential usage which is misleading. A review of the extent of the RU6 Transition zone is therefore considered a priority.

### Challenges for Land Use

- Identification and management of important agricultural land.
- Identification and management of natural resources.
- Land use interface between extractive industries and agricultural uses.
- Land use interface between primary industry and residential development.
- Access for primary industry to markets.

### Vision 2040

*Primary resource land is a valued asset; and primary industry is a significant economic sector within the LGA which contributes to positive environmental and social outcomes.*

### Planning Principles

- Ensure local planning provisions provide adequate protection for primary industry activities while also balancing the interests of the community
- Support localisation of the agricultural processing supply chain in particular livestock processing
- Promote renewable energy projects
- Collaborate with the NSW Government to improve access to transport corridors for freight/bulk haulage for agricultural and extractive industries such as East West route

### Actions - Planning

Action	Timeframe
Prepare an Agriculture and Resource Lands Strategy	Short
Identify potential agricultural resource lands and appropriate buffers in the LEP and update DCP provisions to protect resource lands.	Medium
Identify and protect extractive resources and associated haulage routes; note in the DCP as areas where residential development/ access is to be avoided.	Short
Identify and upgrade key livestock and freight routes into and out of the LGA	Medium
Review heavy vehicle haulage provisions in Developer Contributions Plan/s.	Medium

### Actions - Council General

- Grow agricultural based tourism and events
- Promoting Goulburn Mulwaree as a destination for tourism
- Attending Community Consultative Committees for State Significant Development.

### Related Policies and Plans

- GM Rural Living Handbook
- LLS Rural Living – A guide for rural and rural residential landholders for the South East Region

<sup>7</sup> 2016 Census of Population and Housing



## Industry and Economy

### Existing Situation

The majority of residents are employed within Goulburn Mulwaree which reinforces the position of Goulburn as a regional city centre. To ensure that the LGA provides for ongoing employment associated with growth in the housing sector, areas of existing productivity need to be supported with additional opportunities for diversity identified.

The top three industries in which workers are employed are health care and social assistance, public administration and safety, and retail trade. In recent years, there has been growth in the manufacturing sector.

Access to heavy vehicle haulage routes to/from Goulburn and Marulan is also considered important for local industry and the economy (**refer to Community Infrastructure Section**).

NSW has made a significant investment in Goulburn with the NSW Police Academy and Driver Training Centre and Goulburn Correctional Centre. The \$150 million upgrade to the Goulburn Base Hospital

will provide a stimulus to the growing health and services sector. Ancillary medical and health services facilities may also be attracted to Goulburn. The new Base Hospital will include a palliative care unit as well as a range of other services. This may provide opportunities for additional growth in the aged services sector and other associated health services industries. Value adding to local State infrastructure and ongoing development of State infrastructure will be important for local industry and the economy.

Goulburn Mulwaree has a strong history and association with motor sports. The area has a Speedway and Motor Cross Track in Goulburn, Wakefield Park Raceway outside of Goulburn and a racetrack at Marulan.

Goulburn Mulwaree is also a centre for equine pursuits and animal racing. Goulburn has two horse racing tracks, with gallopers located at the Goulburn Race Course and Harness Racing Club and Greyhound Racing at the Goulburn Recreation Area.



### Challenges for Land Use

- Local employment is available for a growing population, opportunities to attract employment generating business need to be maximised.
- Shortage of short term accommodation for fly in fly out (FIFO) workers and medical personnel.
- Identifying opportunities to value add upon State infrastructure investment.
- Heavy vehicle haulage access to Hume Highway and East – West route to South Coast.



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## Vision 2040

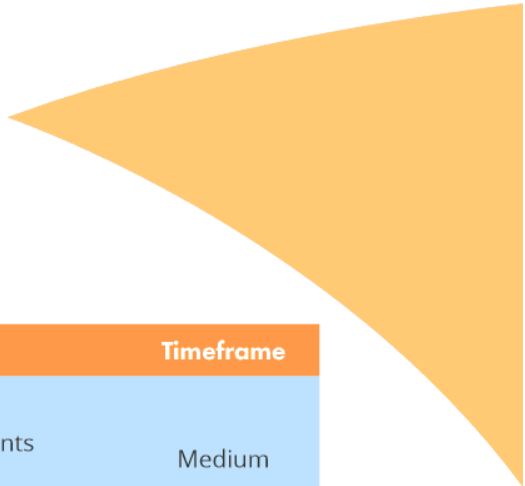
*Local industry provides for the employment needs of the region within a thriving and diversified economy which is resilient to change.*

## Planning Principles

- Collaborate with other levels of government, industry and other stakeholders to identify, plan and secure investment for infrastructure required to support growth and sustainability in the region.
- Engage with major NSW State Government stakeholders particularly Police, Corrective and Health Services to maximise opportunities for economic development associated with the NSW Police Academy, Goulburn Correctional Centre and Goulburn Base Hospital.
- Improve connectivity of Goulburn and Marulan to Hume Highway
- Advocate for digital connectivity: reliable 4G and NBN internet access, improved mobile reception for rural enterprises.
- Manage the interfaces between industrial, rural and urban services land and other uses.
- Support the night time economy and develop strategies to make Goulburn CBD more active at night.







**Actions - Planning**

Action	Timeframe
Review and update the Economic Development Strategy, taking into account identified endowments and specialisations and areas of opportunity identified in regional planning documents.	Medium
Review and update the Employment Lands Strategy 2016	Medium
Develop a health precinct around Ross Street	Short

**Actions - Council General**

- Apply for funding with relevant Councils to upgrade the haulage route from Nerriga to Goulburn (East - West link Hume Highway/Goulburn to south coast)
- Continue to monitor the occupancy rate of commercial/ retail buildings in the Goulburn CBD.
- Promote our competitive advantages to businesses considering relocating or struggling with high operating costs and overheads in Sydney, particularly industries leaving Sydney due to second airport and growth western Sydney/Sydney generally.

**Related Policies and Plans**

- Refer also to the Community Infrastructure Section.
- Southern Tablelands Regional Economic Development Strategy



## Sustainability

### Existing Situation

Goulburn Mulwaree is exposed to extremes of climate, with cold winters and hot summers. Temperature is the most reliable indicator of climate change, and across the South East and Tablelands Region all of the models agree that average, maximum and minimum temperatures are increasing. Studies have shown that urban green corridors, particularly street trees, significantly contribute towards localised reduction of the impacts of heat within built environments. Green grids are mainly comprised of street tree planting which aligns well with our traditional streetscapes. Goulburn in particular has the advantage of potential connections of street tree green grids with natural green grids being the Wollondilly and Mulwaree Rivers. Water bodies naturally provide a cooling effect which can be distributed via the street tree linkages. The recent upgrade of the Goulburn sewerage treatment plant also provides opportunities for use of recycled water in industry, open spaces and streets reducing pressure on potable supplies.

Building climate resilience will be increasingly important for the long term health and sustainability of our area's community and environment. Housing stock if appropriately designed can be made more resilient to extremes of weather. Currently building sustainability is regulated by BASIX controls and Part J provisions in the Building Code of Australia. These provisions are considered to be minimalistic and could be improved to be more regionally specific and relevant.

Council has initiated programs to reduce carbon emissions and to manage energy, water and waste more efficiently. These projects include: changing street lighting over to LED luminaires, a solar energy project at the Goulburn Wastewater Treatment plant and the installation of solar panels on Council buildings and facilities.

Council needs to provide waste and recycling services and infrastructure to meet the needs of the growing community in such a way that it achieves environmental and sustainability improvements. Council has committed to ongoing improvements but needs to work toward a circular economy with local reuse and recycling options.



**Vision 2040**

*A sustainable environment which utilises best practice to minimise waste and maximise renewables.*

**Challenges for Land Use**

- Supporting increased take up of renewable energy generation and use.
- Building stock upgraded or designed to be resilient against extremes of climate.
- Management the impacts of heat in the urban environment.
- Provision of waste management facilities that supports a circular economy with local reuse and recycling options.

**Planning Principles**

- Improve community energy, water and waste efficiency
- Incorporate best practice energy, water and waste management in new development.
- Promote uses of water through development that promotes green corridors and urban cooling.
- Improve connectivity via a “Green Grid” of tree canopy cover between urban areas and natural areas such as the rivers within Goulburn.
- Building design is to be resilient to extremes of climate.

**Actions - Planning**

Action	Timeframe
Review energy, water and waste provisions in planning provisions	Medium
Expand Council’s Climate Change Adaption Risk Management Plan to sit under a broader Climate Change Policy to include recommendations for amended planning provisions, to facilitate resilience in building/housing stock to climate extremes, with subdivisions to include measures for urban cooling “connecting to the Green Grid”.	Medium
Advocate that the State Government to increase the requirements of the Building Sustainability Index (BASIX) and Part J requirements under the Building Code of Australia.	Short

**Actions - Council General**

- Investigate funding options for recycled water reuse to be extended throughout Goulburn to facilitate public domain plantings and the implementation of a “Green Grid”.
- Council’s Sustainability Committee to regularly review and update Council’s Sustainability Plan and Action Plan to include broader recommendations beyond organisational sustainability.
- Review and update the Climate Change Risk Adaptation Action Plan 2009.
- Implement reduce, reuse recycle principle for waste management.
- Collaborate with the CRJO and industry on a regional response to waste
- Upgrade to Goulburn Waste Management Facility

## Natural Hazards

### Existing Situation

More frequent and severe heatwaves, droughts, storms, bushfires and floods are predicted for the LGA as the climate continues to change.

The South East and Tablelands Region is expected to experience an increase in average and severe fire weather in the near future and far future. The increases in average and severe fire weather are projected to occur mainly in spring and summer. Although the increases in severe fire weather are relatively small in magnitude (up to two more days every five years by 2030) they are projected to occur in prescribed burning periods (spring) and the peak fire risk season (summer). Autumn is projected to have a decrease in severe fire weather days. As fire weather measurements take into account rainfall, it is likely that the decrease in FFDI is due to projected increases in autumn rainfall across the region.

The City of Goulburn is located immediately upstream (west) of the confluence of

the Wollondilly and Mulwaree Rivers. Historically, mainstream flooding due to the Wollondilly and Mulwaree Rivers at Goulburn has been a relatively infrequent occurrence, however the impact of flooding is significant to the community. Historic newspaper articles indicate that major flood events, known to have caused flooding of properties in Goulburn, have occurred in April 1870, July 1900, June 1925, June 1950, October 1959, November 1961 and August 1974. More recently, significant flooding in Goulburn has occurred in August 1990, December 2010, March 2012 and June 2012.

Extended periods of heat and decreasing rainfall and drought has recently seen the extension of the bushfire period. The majority of Goulburn Mulwaree with the exception of central urban areas is identified as bushfire prone land. It is important to ensure that new subdivisions and development is located and designed in a manner to ensure that public safety is maximised.





## Vision 2040

*A sustainable environment which utilises best practice to minimise waste and maximise renewables.*

### Challenges for Land Use

- Whilst rainfall is expected to decrease over time, the intensity of rain fall is expected to increase which has the potential to affect flooding.
- Reduced rainfall periods will exacerbate risk of bushfire and extend the bushfire period.
- More frequent and severe heatwaves, droughts, storms, bushfires and floods are predicted for the LGA as the climate continues to change.

### Actions - Planning

Action	Timeframe
Maintain an updated Floodplain Risk Management Study and Plan for Goulburn city	Ongoing
Update planning provisions for flooding both within identified flood study areas and generic provisions for areas without flood studies	Short
Identify shortfalls in infrastructure for urban drainage where affected by localised flooding	Medium
Maintain updated developer contributions/developer servicing plans (DSPs) for urban drainage	Short (and Ongoing)
Prepare a Bushfire Management Strategy as a part of the planning for urban growth.	Short
Maintain up to date bushfire prone land mapping.	Ongoing

### Planning Principles

- Public facilities to include climate extremes mitigation measures.
- Identification and mitigation of vulnerabilities to natural hazards is incorporated into planning provisions.

### Actions - Council General

- Investigate grant funding for further flood studies and mitigation works.
- Liaison and coordination with State agencies to ensure appropriate identification, management, mitigation and response to natural hazards is undertaken.

### Related Policies and Plans

- GM Sustainability Policy
- GM Climate Change Risk Management Plan, 2009
- South East Tablelands Climate Change Snap Shot, Adapt NSW
- Integrated Regional Vulnerability Assessment: SE NSW, NSW Office of Environment and Heritage, 2012

## Heritage

### Existing Situation

The LGA enjoys a rich Aboriginal and European cultural heritage with over 500 individual items of heritage identified within Council’s LEP and a very large heritage conservation area identified within central Goulburn and smaller heritage conservation areas on the periphery of Goulburn and in South Marulan and Bungonia.

Council’s Aboriginal Heritage Study 2012 identifies management recommendations for Aboriginal cultural heritage, including the need for site specific assessment of potential at relevant stages of the planning process. Furthermore, any such assessment of cultural heritage sites must be in consultation with the Aboriginal community.

The extensive nature of heritage in the LGA and in particular the rural areas requires support and management, with development posing

a risk to heritage if appropriate identification of potential sites has not been undertaken.

Whilst assessment of individual European heritage items and conservation areas (particularly urban areas) has been extensive, assessment of cultural heritage landscapes within the LGA has not been undertaken - this is considered to be an area for further study.

There are some significant heritage properties which are currently abandoned or in a state of disrepair which poses a challenge to both landowners, Council and State government.

### Vision 2040

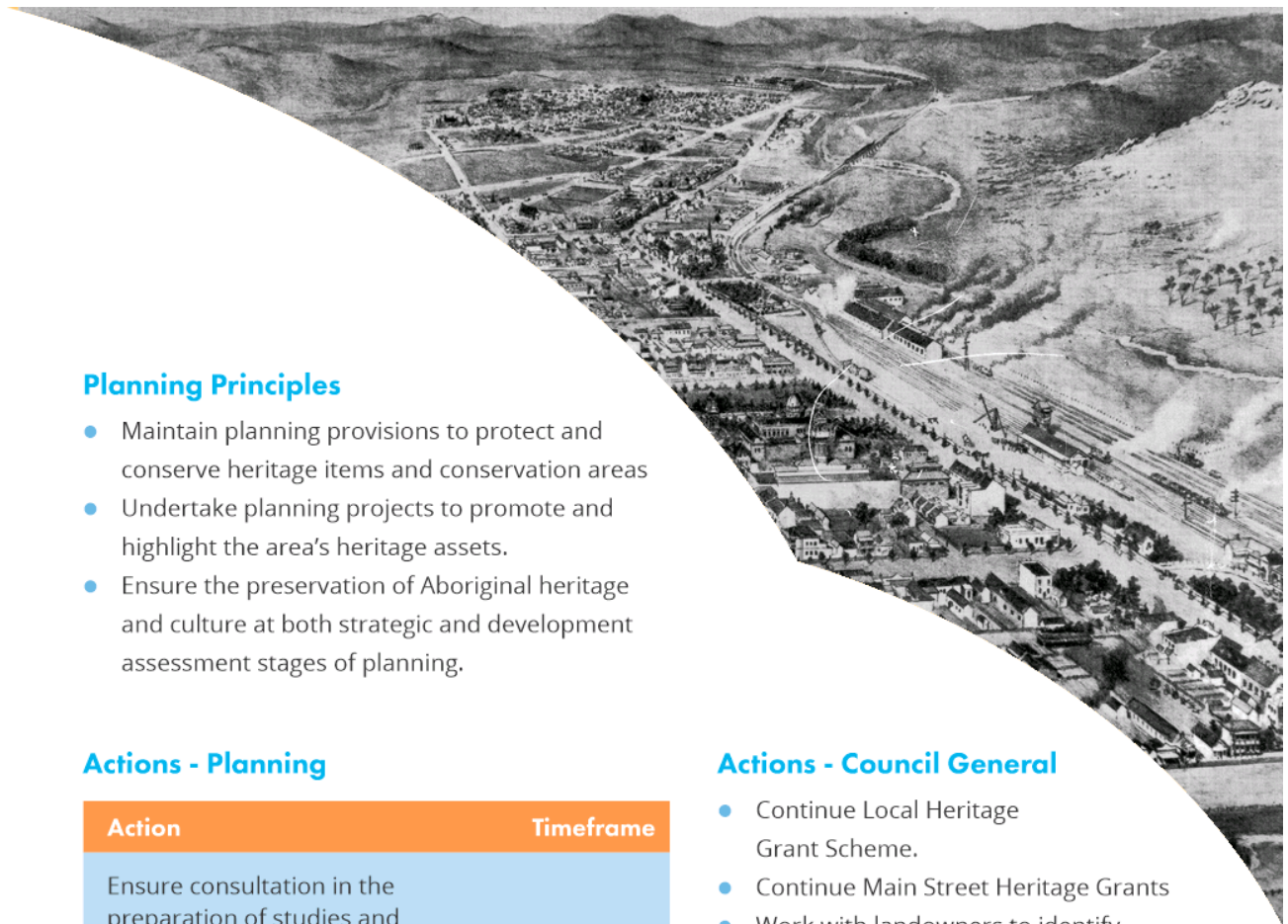
*Goulburn Mulwaree’s cultural heritage is conserved, actively adapted for use (where appropriate) and celebrated.*

### Challenges for Land Use

- Ensuring that the promotion of heritage as an opportunity rather than constraint to development.
- Ongoing consultation is maintained with all relevant bodies.
- Protection of Aboriginal and European cultural heritage.
- Identification of cultural heritage on isolated rural properties.
- Funding for maintenance and enhancement of cultural heritage.
- Assessment of cultural heritage landscapes.







**Planning Principles**

- Maintain planning provisions to protect and conserve heritage items and conservation areas
- Undertake planning projects to promote and highlight the area’s heritage assets.
- Ensure the preservation of Aboriginal heritage and culture at both strategic and development assessment stages of planning.

**Actions - Planning**

Action	Timeframe
Ensure consultation in the preparation of studies and assessments with the Aboriginal community	Ongoing
Maintain an updated Heritage Strategy.	Short
Review Goulburn Main Street Study.	Medium
Review LEP and DCP provisions to ensure sufficient incentives available to encourage the adaptive reuse of heritage items.	Short (and Ongoing)
Undertake a Cultural Heritage Landscape Strategy	Short
Undertake an inventory and maintenance program for Council owned heritage assets to assist with grant applications for maintenance etc.	Ongoing

**Actions - Council General**

- Continue Local Heritage Grant Scheme.
- Continue Main Street Heritage Grants
- Work with landowners to identify appropriate adaptive reuse opportunities for heritage sites, particularly large significant sites which are currently vacated.
- Continue Local Heritage Advisor Program participation with Heritage NSW

**Related Policies and Plans**

- GM Heritage Strategy
- GM Heritage Study and Review 2018
- Aboriginal Heritage Study 2012

## Natural Environment

### Existing Situation

The natural ecosystems of Goulburn Mulwaree have been extensively modified since European settlement and vegetation cover has been reduced by more than half. Clearing has occurred predominately in the more fertile lands and along riparian zones as this is the most productive land. Only a small portion of the LGA is part of formal reserves and the vegetation is only representative of a small proportion of the pre-European vegetation. The main threat to remaining vegetation and to important ecosystem functions (carried out by riparian zones and wetlands) is posed by further clearing associated with agricultural practises, gully erosion and rural residential development in agricultural areas.

Weed invasion, and in particular invasion by perennial grass weeds like Serrated Tussock, African Lovegrass and Chilean Needle Grass, has the potential to reduce, and in some cases, eliminate native and introduced pastures and impact significantly upon agricultural enterprise. Due to the significance of agriculture across Goulburn Mulwaree, we consider that the LGA as a whole is an asset requiring protection. As an area of high agricultural production value with significant areas containing threatened or endangered species Council

and other landholders are required to carry out additional asset protection works, such as being required to suppress, manage or mitigate the impacts of weeds.

Goulburn Mulwaree is located within the upper Warragamba water catchment and forms a part of the Sydney drinking water catchment. Development within the catchment is required to have a neutral or net beneficial impact on water quality. Strategic land use planning provides an opportunity to identify sensitive areas, particularly water courses to ensure appropriate planning provisions are in place to enable the health of waterways to be improved.

Waterways outside of the catchment are also important as water courses provide ecological corridors. The dominance of sheep and cattle grazing as a land use throughout the LGA poses an ongoing management issue for waterways as being one of the major contributors to waterway degradation. Urban development and the use of on-site effluent management systems for rural residential dwellings also pose a threat to water quality. Weed management throughout both urban and rural areas also poses a threat to the health of waterways within the LGA.

### Vision 2040

*Protection and enhancement of the quality of native environments and systems.*



### Challenges for Land Use

- Waterways management.
- Soil erosion.
- Land clearing.
- Rural residential development and associated impacts.

### Planning Principles

- Preserve and maintain natural environments
- Identify and enhance biodiversity connections.
- Protect waterways and catchments
- Maintain a balance between growth, development and environmental protection

### Actions - Planning

Action	Timeframe
Review land use zonings for Environmental zones in the Local Environmental Plan.	Medium
Identify opportunities to link natural areas and habitat corridors through appropriate zoning	Medium
Review LEP provisions relating to management of watercourses	Short
Develop an Integrated Water Management Strategy in partnership with Water NSW for Goulburn Mulwaree to inform LEP and DCP provisions and Council capital works projects.	Short
Review and update the Goulburn Mulwaree Biodiversity Strategy 2007 to include more detailed vegetation mapping.	Short - Medium
Update Council's Development Control Plan (DCP) provisions for vegetation management to reflect changes to legislation.	Short
Update Plans of Management for natural areas, parks and areas of cultural significance.	Short

### Actions - Council General

- Investigate potential for large biodiversity offset sites on Council owned land to support future development in the LGA and/or region.
- Continue to undertake weed eradication programs within rural and natural areas
- Update the Goulburn Mulwaree Rural Living Handbook
- Update Goulburn Mulwaree Waterways Plan 2014.



# 08 Implementation

## Delivering, Monitoring and Reporting on the Actions in the LSPS

In order to deliver the vision identified in the LSPS the following actions are proposed to ensure forward planning aligns with the principles and that ongoing monitoring, reporting and review is undertaken.

### Actions

- Consideration of the LSPS during the assessment of development applications and planning proposals.
- Consideration of the LSPS in the preparation of Council strategies and policies.
- Review the LSPS every 7 years as required by legislation.
- Reporting and monitoring of the progress of the LSPS in the Council's Annual Report.



## References

ABS Census 2016

ABS Estimated Resident Population 2019

CRJO Regional Waste Strategy, 2018 – 2023, NSW EPA

GM Aboriginal Heritage Study, 2012, Australian Museum Business Services

GM Bicycle Strategy 2008 – 2018, Jamieson Foley and Associates Pty Ltd.

GM Biodiversity Strategy, Eco Logical Australia, 2007

Goulburn CBD Master Plan, EDAW/AECOM, 2009

GM Climate Risk Assessment Adaptation Report, Echelon, 2009

GM Community Participation Plan, GMC 2019

GM Delivery Program 2017 – 2021

GM Employment Lands Strategy, Hill PDA, 2016

GM Freight Investigation Paper, GHD, 2018

GM Heritage Study Review, Sue Rosen and Associates

GM Draft Recreational Needs Strategy, Purdon Planning/GMC, 2019

GM Draft Social Sustainability Strategy and Action Plan 2019, Cred Consulting

GM Draft Urban and Fringe Housing Strategy, Elton Planning, 2019

Goulburn Mulwaree Strategy 2020, Parsons Brinckerhoff 2006

GM Operational Plan 2019 – 2020

GM Waterways Plan, 2014

Integrated Regional Vulnerability Assessment: SE NSW, NSW Office of Environment and Heritage, 2012

NSW Cultural Infrastructure Plan2025+, NSW Government

NSW Future Transport Strategy

South East Tablelands Climate Change Snap Shot, Adapt NSW

Southern Tablelands Regional Economic Development Strategy 2018 – 2022, NSW Department of Premier and Cabinet

South East Tablelands Regional Environmental Plan 2036, NSW Department of Planning and Environment, 2017

South East Regional Strategic Weed Management Plan 2017 - 2022, NSW LLS

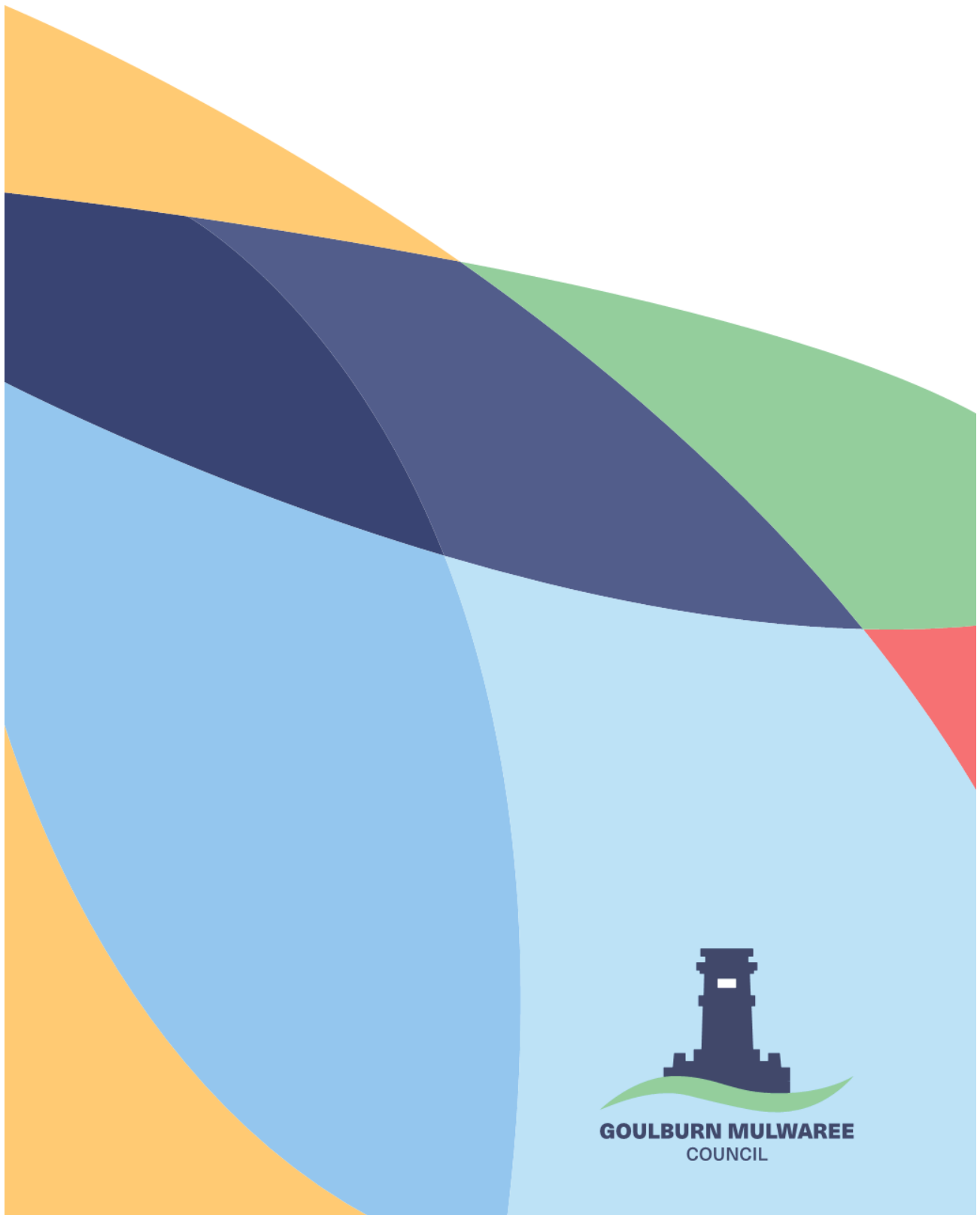
Sydney Canberra Corridor Regional Strategy 2006 – 31, NSW Department of Planning

The Tablelands Community Strategic Plan 2016 – 2036

Wollondilly and Mulwaree Rivers Flood Study, WMA Water,2016

## Web Sites

- <https://www.abs.gov.au/>
- <https://forecast.id.com.au>
- <https://www.watersnsw.com.au/water-quality/catchment/living/stormwater/water-sensitive-design>
- Adapt NSW
- <https://crjo.nsw.gov.au/>





## Attachment 1 – Policy Map

Local Strategic Planning Statement 2020 - 2040 Planning Priority and 2040 Vision	The Tablelands Regional Community Strategic Plan 2016 - 2036	South East and Tablelands Regional Plan 2036
<p><b>1. Infrastructure</b></p> <p>Vision 2040 - Infrastructure meets the needs of a growing community.</p>	<p>Strategy IN1 - develop high speed rail links between the region, Canberra, Sydney and Melbourne</p> <p>Strategy IN3 - maintain and improve road infrastructure and connectivity</p> <p>Strategy IN5 - ensure high quality water supply options for the towns in the region</p> <p>Strategy IN7 - secure improvements for, and future proof, telecommunications infrastructure</p> <p>Strategy IN8 - improve accessibility to, and support the development of. Health and medical facilities in the region</p> <p>Strategy IN9 - improve accessibility to, and support the development of, education and training facilities in the region</p>	<p>Strategy IN1 - develop high speed rail links between the region, Canberra, Sydney and Melbourne</p> <p>Strategy IN3 - maintain and improve road infrastructure and connectivity</p> <p>Strategy IN5 - ensure high quality water supply options for the towns in the region</p> <p>Strategy IN7 - secure improvements for, and future proof, telecommunications infrastructure</p> <p>Strategy IN8 - improve accessibility to, and support the development of. Health and medical facilities in the region</p> <p>Strategy IN9 - improve accessibility to, and support the development of, education and training facilities in the region</p>
<p><b>2. City, Town and Village Centres</b></p> <p>Vision 2040 - Vibrant, accessible town centres which provide a range of services to meet the community's needs.</p>	<p>Strategy IN2 - improve public transport links to connect towns within the region and increase access to major centres</p>	<p>Direction 12: promote business activities in urban centres</p>
<p><b>3. Community Facilities, Open Space and Recreation</b></p> <p>Vision 2040 - Physical, social and cultural activity is supported by a range of facilities and shared spaces.</p>	<p>Strategy IN4 - maintain and update existing community facilities, and support the development of new community infrastructure as needed.</p> <p>Strategy C02 - encourage and facilitate active and creative participation in community life</p> <p>Strategy C03 - foster and encourage positive social behaviours to maintain our safe, health, and connected community</p>	<p>Direction 21: increase access to health and education services</p> <p>Direction 22: build socially inclusive, safe and healthy communities</p>

Local Strategic Planning Statement 2020 - 2040 Planning Priority and 2040 Vision	The Tablelands Regional Community Strategic Plan 2016 - 2036	South East and Tablelands Regional Plan 2036
<p><b>4. Housing</b></p> <p>Vision 2040 - A range and diversity in housing type, which is contextual and affordable is primarily centred on Goulburn and Marulan.</p>	<p>Strategy C01 - facilitate and encourage equitable access to community infrastructure and service, such as health care, education and transport</p> <p>Strategy C05 - maintain our rural lifestyle</p>	<p>Direction 24: deliver greater housing supply and choice</p> <p>Direction 25: focus housing growth in locations that maximises infrastructure and services</p> <p>Direction 27: deliver more opportunities for affordable housing</p> <p>Direction 28: manage rural lifestyles</p>
<p><b>5. Primary Industry</b></p> <p>Vision 2040 - Primary resource land is a valued asset; and primary industry is a significant economic sector within the LGA which contributes to positive environmental and social outcomes.</p>	<p>Strategy EC4 - foster and develop a diverse, adaptive, and innovative agricultural industry</p> <p>Strategy C05 - maintain our rural lifestyle</p>	<p>Direction 5: promote agricultural innovation, sustainability and value-add opportunities</p> <p>Direction 8: protect important agricultural land</p> <p>Direction 13: manage the ongoing use of mineral resources</p> <p>Direction 28: manage rural lifestyles</p>
<p><b>6. Industry and Economy</b></p> <p>Vision 2040 - Local industry provides for the employment needs of the region within a thriving and diversified economy which is resilient to change.</p>	<p>Strategy EC1 - capitalise on the region's close proximity to Canberra and its position as a convenient hub to South East Australia to attract industry and investment</p> <p>Strategy EC2 - jointly develop appropriate tourism opportunities and promote the region as a destination</p> <p>Strategy EC3 - support and foster conditions that enable local and small/home-based businesses to grow</p> <p>Strategy EC5 - encourage collaboration between businesses, government, and training providers to develop employment and training opportunities for young people in the region</p> <p>Strategy IN8 - improve accessibility to, and support the development of. Health and medical facilities in the region</p> <p>Strategy IN9 - improve accessibility to, and support the development of, education and training facilities in the region</p>	<p>Direction 4: leverage growth opportunities from Western Sydney</p> <p>Direction 9: grow tourism in the region</p> <p>Direction 10: strengthen the economic self-determination of Aboriginal communities</p>

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Local Strategic Planning Statement 2020 - 2040 Planning Priority and 2040 Vision	The Tablelands Regional Community Strategic Plan 2016 - 2036	South East and Tablelands Regional Plan 2036
<p><b>7. Sustainability</b></p> <p>Vision 2040 - A sustainable environment which utilises best practice to minimise waste and maximise renewables.</p>	<p>Strategy IN6 - implement safe, accessible, and efficient waste management and recycling options for general and green waste and sewerage</p> <p>Strategy EN2 - adopt environmental sustainability practices</p> <p>Strategy EN3 - protect and rehabilitate waterways and catchments</p> <p>Strategy EN4 - maintain a balance between growth, development and environmental protection through sensible planning</p> <p>Strategy EN5 - to investigate and implement approaches to reduce our carbon footprint</p>	<p>Direction 6: position the region as a hub of renewable energy excellence</p>
<p><b>8. Natural Hazards</b></p> <p>Vision 2040 - Natural hazards are identified, planned for and mitigated where possible throughout the planning process.</p>		<p>Direction 16: protect the coast and increase resilience to natural hazards</p> <p>Direction 17: mitigate and adapt to climate change</p> <p>Direction 18: secure water resources</p>
<p><b>9. Heritage</b></p> <p>Vision 2040 - Goulburn Mulwaree's cultural heritage is conserved, actively adapted for use (where appropriate) and celebrated.</p>	<p>Strategy C04 - recognise and celebrate our diverse cultural identities, and protect and maintain our community's natural and built cultural heritage</p>	<p>Direction 23: protect the region's heritage</p>
<p><b>10. Natural Environment</b></p> <p>Vision 2040 - Protection and enhancement of the quality of native environments and systems.</p>	<p>Strategy EN1 - protect and enhance the existing natural environment, including flora and fauna native to the region</p>	<p>Direction 15: enhance biodiversity connections</p> <p>Direction 14: protect important environmental assets</p>





# FACILITY DESIGN ASSESSMENT

A water-loving nation  
free from drowning.



**ROYAL LIFE SAVING**  
NEW SOUTH WALES



# AQUATIC INDUSTRY SERVICES

Royal Life Saving works with the Australian aquatics industry to improve industry safety and risk management standards.



## Foreword

The Royal Life Saving Society Australia (RLSSA) is a specialist service provider in the field of aquatic risk management. Since its inception in 1894, RLSSA has worked to harness the strengths of the communities we work with to reduce drowning and aquatic related injuries in, on and around water.

The safe design of an aquatic venue means the integration of control measures early in the design process. Eliminating hazards at the design and planning stage is often easier and more cost effective than making changes later when construction is underway or completed.

Safe design of an aquatic venue will always be part of a wider set of design objectives, including practicability, aesthetics, cost and functionality. These sometimes-competing objectives need to be balanced in a manner that does not compromise the health and safety of those who work on or use the aquatic facility over its life.

In order to understand the broad range of possible risks at an aquatic venue, RLSSA has introduced the Facility Design Assessment, which provides a comprehensive guide for anyone involved in the design, construction, maintenance or management of an aquatic leisure venue.

**Date of Design Plan Review:** July 2020

**Review conducted by** – Nicholas Au, Aquatic Risk Manager, Royal Life Saving, NSW.  
Kaye Wood, Aquatic Risk Coordinator, Royal Life Saving, NSW.  
Chad McCamley, Aquatic Risk Officer, Royal Life Saving, NSW.  
Ben Howarth, Aquatic Risk Officer, Royal Life Saving, NSW.

This report will only focus on matters that pertain to the area of expertise of Royal Life Saving Society - NSW, those being:

- General Aquatic Safety
- General Aquatic Operations
- Aquatic Facility Design

All areas outlined above are to be considered in the context of Goulburn Aquatic Centre. The review was evaluated against the safety standards and operational guidelines listed at the time of assessment in the Royal Life Saving Society Australia - Guidelines for Safe Pool Operations.

# AQUATIC INDUSTRY SERVICES

Royal Life Saving works with the Australian aquatics industry to improve industry safety and risk management standards.



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# AQUATIC INDUSTRY SERVICES

Royal Life Saving works with the Australian aquatics industry to improve industry safety and risk management standards.



## Introduction

Royal Life Saving Society – New South Wales (RLSNSW) has been engaged by FDC Construction and Fitout to review the preliminary design of Goulburn Aquatic Centre redevelopment and provide advice to ensure safety factors such as centre layout and design, pool specifications, supervision requirements, communication methods, signage and emergency procedures are in line with the RLSSA Guidelines for Safe Pool Operations.

The RLSSA Guidelines for Safe Pool Operations (GSPO) brings legislation and regulations, Codes of Practice, Australian Standards and industry best practice together to form an easy to read and interpret document. The GSPO provides guidance to Aquatic Facility Owners and Operators, Local Government, Architects, Engineers and Aquatic Venue Staff.

The RLSNSW review will focus on factors that may affect the safety, ease and efficiency of operation of the aquatic facilities and make recommendations to improve key safety and operational aspects of the proposed facilities.

The review of the preliminary design of Goulburn Aquatic Centre is based on the information available to RLSNSW at the time of writing, including the following documents:

- 20-0058-A1201\_C
- 20-0058-A1202\_C
- 20-0058-SK203\_B
- Combined DA set – Architectural
- Goulburn Aquatic Centre - Finishes schedule and reverse design brief
- proposed pool usage

## Assessment Methodology

RLSNSW has applied a risk-based approach in its review of the design of Goulburn Aquatic Centre to identify potential sources of risk and propose strategies to improve key safety and operational aspects of the facility.

The assessment is based on the Assessors knowledge of the RLSSA Guidelines for Safe Pool Operation and is limited to observations from the plans and information available at the time of the assessment.



This document has been prepared following a risk assessment and design review conducted by Royal Life Saving NSW on Goulburn Aquatic Centre. The results of this analysis are included throughout this report.

The recommendations, risk assessment process and the general comments proposed in this report are designed to help Goulburn Aquatic Centre achieve a safe level of operation, with the aim of eliminating potential sources of risk resulting from the overall design and construction.

Treatment options included in this report are guiding recommendations only and are representative of RLSNSW's opinion in relation to achieving a safe level of operation at the Goulburn Aquatic Centre. **FDC Construction and Fitout should determine which risk treatments are appropriate and feasible in consultation with key project stakeholders.**

### Safe Design Principals

The following is an extract from the Royal Life Saving Society Australia, Guidelines for Safe Pool Operations (Safe Design Section):

**1.2.1.** Eliminating hazards at the design or planning stage is often easier and cheaper to achieve than making changes later when the hazards become real risks in the workplace.

**1.2.2.** Safe design can result in many benefits, including:

- More effective prevention of injury and illness,
- Improved usability of an aquatic facility,
- Improved productivity and reduced costs,
- Better prediction and management of production and operational costs over the lifecycle of an aquatic facility,
- Innovation, in that safe design can demand new thinking to resolve hazards that occur in the construction phase and in end use,
- Greater visibility to pool space,
- Reduction in visual barriers and 'blind spots'.

**1.3.1.** Safe design means the integration of control measures early in the design process to eliminate or, if this is not reasonably practicable, minimise risks to health and safety throughout the life of the structure being designed.



**1.3.2.** The safe design of an aquatic facility will always be part of a wider set of design objectives, including practicability, aesthetics, cost and functionality. These sometimes-competing objectives need to be balanced in a manner that does not compromise the health and safety of those who work on or use the aquatic facility over its life.

**1.3.3.** Safe design begins at the concept development phase of an aquatic facility when making decisions about:

- The design and its intended purpose,
- Materials to be used,
- Possible methods of construction, maintenance, operation, demolition or dismantling and disposal,
- What legislation, codes of practice and standards need to be considered and complied with.

**1.3.4.** An owner or operator of an aquatic facility has the primary duty under state and territory WHS legislation and regulation to ensure, so far as is reasonably practicable, that workers and other persons are not exposed to health and safety risks arising from the business or undertaking.

**1.3.5.** An owner or operator of an aquatic facility that designs an aquatic facility that will be used, or could reasonably be expected to be used, as a workplace should ensure, so far as is reasonably practicable, that the aquatic facility is without risks to health and safety. This duty includes carrying out testing and analysis and providing specific information about the aquatic facility.

**1.3.6.** A designer is a person conducting a business or undertaking whose profession, trade or business involves them in:

- Preparing sketches, plans or drawings for an aquatic facility, including variations to a plan or changes to an aquatic facility,
- Making decisions for incorporation into a design that may affect the health or safety of persons who construct, use or carry out other activities in relation to the aquatic facility.

**1.3.7.** They include:

- Architects, building designers, engineers, building surveyors, interior designers, landscape architects, town planners and all other design





practitioners contributing to, or having overall responsibility for, any part of the design (for example, drainage engineers designing the drain for a new development),

- Building service designers, engineering firms or others designing services that are part of the aquatic facility such as ventilation, electrical systems and permanent fire extinguisher installations,
- Contractors carrying out design work as part of their contribution to a project (for example, an engineering contractor providing design, procurement and construction management services),
- Temporary works engineers, including those designing formwork, false work, scaffolding and sheet piling,
- Persons who specify how structural alteration, demolition or dismantling work is to be carried out.

### Understanding the Facility Design Assessment

The Facility Design Assessment is undertaken in a staged approach in an attempt to support a clear understanding of the report findings and subsequent recommendations. A summary of the key sections is included below.

**Design Assessment** - Comprises the actual audit / assessment of the design evidence provided against applicable standard and guidelines. The assessment is undertaken in three sections. These are: i) Facility Layout, ii) Access and First Aid and iii) Equipment and Finishes. The responses to the assessment are detailed as 'Y' for complies; 'N' for does not comply, 'NA' for not applicable and 'TBC' for to be confirmed (insufficient design details provided for this question to be assessed).

**Risk Register / Risk Management Process** - Identifies sources of risk within the design and provides appropriate risk treatment options. It is strongly recommended that the sources of risk are removed in their entirety, wherever reasonably practical.

**Comments and Considerations** - A general section for comments and information regarding the design evidence to be tabled for further discussion. Information may identify design components not covered through the question set or expand further and provide additional recommendations or considerations.

## AQUATIC INDUSTRY SERVICES

Royal Life Saving works with the Australian aquatics industry to improve industry safety and risk management standards.



**Feedback Register** – Includes the outcomes of communication between RLSNSW Assessor/s, FDC Construction and Fitout and Key Stakeholder representatives relating to the elements which were identified to be non-conforming or TBC (requiring further information) by the RLSNSW Assessor, detailed in the risk register and the comments and considerations sections of the Facility Design Assessment.

**Outstanding Documents** - Contains details of additional information that should be considered in the facility design. It acknowledges the complex nature of building large and complex facilities and ensures that items which were unable to be 'verified' throughout the assessment are advised to the end user.

### Assessment Completion

When undertaking a Facility Design Assessment, the RLSNSW Assessor/s will initially determine if the areas to be assessed are applicable to the planned facility. If applicable, the Assessor/s will subsequently verify the facility's specified conformance or otherwise to the requirements listed. The Facility Design Assessment is a two-stage process:

- Stage one involved FDC Construction and Fitout sending draft architectural drawings to RLSNSW for review. The evidence received was assessed and the findings returned to FDC Construction and Fitout on Friday 17<sup>th</sup> July 2020 by way of draft report.
- Stage two involves FDC Construction and Fitout sending through their response to RLSNSW, specifically addressing the issues raised in the initial draft report. The evidence received is assessed and the Final Facility Design Assessment returned to FDC Construction and Fitout.

RLSNSW acknowledges that the Goulburn Aquatic Centre redevelopment is a complex undertaking, involving owners, operators, architects, engineers and builders who are either directly or indirectly involved or contracted / sub-contracted.

For the purpose of this report, the client is FDC Construction and Fitout. RLSNSW representatives will only accept documentation from FDC Construction and Fitout and will only provide the Facility Design Assessments to FDC Construction and Fitout. The responsibility for disseminating information to other interested / affected parties is the responsibility of the client.



# AQUATIC INDUSTRY SERVICES

Royal Life Saving works with the Australian aquatics industry to improve industry safety and risk management standards.



## Assessor Qualifications

All Assessors undertaking Facility Design Assessment activities on behalf of RLSSA are qualified in accordance with the GSPO.

The advice given in this Facility Design Assessment represents peak knowledge and experience in swimming pool operation and risk management. It is not intended to replace subject matter expertise in engineering, architecture or facility operations.

## Continuous Monitoring and Improvement

It is recommended that an external independent inspection is undertaken on a regular basis to:

- Assess current safety standards and ensure these are maintained on an ongoing basis.
- Gain external and non-bias assistance in identifying hazards and safety issues, thus ensuring changes in the venue's operation have not adversely affected the safe operation of the venue.
- Ensure access to updated information and advice on Safety Standards being adopted in aquatic facilities.

## Design Assessment

### Facility Access and Amenities

No.	Question	Response	Comments
1	Is there a minimum of one disabled access car parking space for every 50 car parking spaces (or part thereof)?	Y	No. of spaces: 83 No. of accessible spaces: 6
2	Are drop off areas provided for a variety of vehicles, e.g. buses, taxis, as close as possible to the entry points?	N	No drop off areas catering for a variety of vehicles, buses, taxis or cars. No emergency access provision.
3	Does the facility entrance provide a suitable approach from;		
A	<ul style="list-style-type: none"> <li>the road boundary?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>the accessible car parking area/s?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>the principle pedestrian entrance?</li> </ul>	Y	
D	Are there self-opening doors provided at the entry points?	Y	
E	Is the main facility entry point step-free?	Y	Ramp and step access available.
F	Are there control methods preventing access to the pool area from entry / reception (by unaccompanied children)?	Y	Reception adjacent to turnstile.
4	Are appropriate facilities provided for staff including;		
A	<ul style="list-style-type: none"> <li>toilets facilities?</li> </ul>	N	No staff specific toilet facilities indicated.
B	<ul style="list-style-type: none"> <li>washing facilities?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>eating facilities?</li> </ul>	Y	
D	<ul style="list-style-type: none"> <li>personal storage?</li> </ul>	N	No staff specific personal storage indicated.
E	<ul style="list-style-type: none"> <li>private changing facilities?</li> </ul>	N	No staff specific changing facilities indicated.
5	Are appropriate changing facilities provided;		
A	<ul style="list-style-type: none"> <li>for male and female patrons?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>less than 90m from the pool spaces?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>accessible prior to patrons entering the pool area?</li> </ul>	N	Patrons are required to enter the pool hall prior to entering the change rooms.

Pool Areas

Warm Water Pool

No.	Question	Response	Comments
6	Where poolside seating is provided is the:		
A	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.0m or greater?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.2m or greater, where retractable seating is provided?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>seating and steps separate from one another (e.g. for concrete seating)?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>seating and step surfaces non-slip?</li> </ul>	TBC	
7	Are appropriate storage areas;		
A	<ul style="list-style-type: none"> <li>available from the pool hall area?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>accessible via roller or double door?</li> </ul>	N	Single door indicated in provided documentation.
C	<ul style="list-style-type: none"> <li>rectangular in shape?</li> </ul>	Y	
8	Are appropriate marshalling areas provided;		
A	<ul style="list-style-type: none"> <li>for sections where lessons take place?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>to allow learner groups to assemble without impeding traffic flow?</li> </ul>	NA	

Learn to Swim Pool

No.	Question	Response	Comments
9	Where poolside seating is provided is the:		
A	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.0m or greater?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.2m or greater, where retractable seating is provided?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>seating and steps separate from one another (e.g. for concrete seating)?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>seating and step surfaces non-slip?</li> </ul>	TBC	

No.	Question	Response	Comments
10	Are appropriate storage areas;		
A	<ul style="list-style-type: none"> <li>available from the pool hall area?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>accessible via roller or double door?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>rectangular in shape?</li> </ul>	Y	
11	Are appropriate marshalling areas provided;		
A	<ul style="list-style-type: none"> <li>for sections where lessons take place?</li> </ul>	N	2.3 metres between change room wall and North Western end of Learn to Swim Pool.
B	<ul style="list-style-type: none"> <li>to allow learner groups to assemble without impeding traffic flow?</li> </ul>	N	

**Leisure and Concourse**

No.	Question	Response	Comments
12	Where poolside seating is provided is the:		
A	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.0m or greater?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.2m or greater, where retractable seating is provided?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>seating and steps separate from one another (e.g. for concrete seating)?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>seating and step surfaces non-slip?</li> </ul>	TBC	
13	Are appropriate storage areas;		
A	<ul style="list-style-type: none"> <li>available from the pool hall area?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>accessible via roller or double door?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>rectangular in shape?</li> </ul>	Y	
14	Are appropriate marshalling areas provided;		
A	<ul style="list-style-type: none"> <li>for sections where lessons take place?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>to allow learner groups to assemble without impeding traffic flow?</li> </ul>	NA	

**25 Metre Pool**

No.	Question	Response	Comments
15	Where poolside seating is provided is the:		
A	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.0m or greater?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>width of the remaining concourse 1.2m or greater, where retractable seating is provided?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>seating and steps separate from one another (e.g. for concrete seating)?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>seating and step surfaces non-slip?</li> </ul>	TBC	
16	Are appropriate storage areas;		
A	<ul style="list-style-type: none"> <li>available from the pool hall area?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>accessible via roller or double door?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>rectangular in shape?</li> </ul>	N	Trapezoid in shape.
17	Are appropriate marshalling areas provided;		
A	<ul style="list-style-type: none"> <li>for sections where lessons take place?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>to allow learner groups to assemble without impeding traffic flow?</li> </ul>	NA	



Pools

Warm Water Pool

No.	Question	Response	Comments
18	Is the pool floor;		
A	<ul style="list-style-type: none"> <li>free of sudden variations?</li> </ul>	Y	Shallowest depth: 1.0 metres. Deepest depth: 1.4 metres.
B	<ul style="list-style-type: none"> <li>limited to a gradient not exceeding 1:14?</li> </ul>	Y	Max. gradient: 1:37.
C	If the floor gradient exceeds 1:14, are appropriately floor markings planned?	NA	
D	Are pool tank fixtures and fittings free of sharp and protruding edges:	TBC	Sharp edges: 4, Ramp and stair access. Protruding edges: 2, Ramp and stair access. Confirmation of fixtures and fittings required.
E	Is the pool tank edge contrasted with the pool water?	TBC	
F	Is there at least one means of accessible entry (where a pool perimeter $\geq 40m$ )?	Y	Accessible entry option: Ramp.
19	Are appropriate entry / exit points provided;	Y	Ramp and stair access on South Western side of Warm Water Pool.
20	Are appropriate step entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>at least one handrail is provided?</li> </ul>	Y	No. of handrails: 2.
C	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	TBC	
21	Are appropriate ladder entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>appropriate design to prevent entrapment?</li> </ul>	NA	
22	Are appropriate ramp provisions included to ensure;		

No.	Question	Response	Comments
A	<ul style="list-style-type: none"> <li>sections do not exceed 9.0m?</li> </ul>	Y	Section length/s: Approximately 6.0 metres.
B	<ul style="list-style-type: none"> <li>a minimum clear width of 1.0m?</li> </ul>	Y	Min width: 1.0 metres.
	<ul style="list-style-type: none"> <li>a minimum clear width of 1.5m for 50 metre pools?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>handrails are in place on both sides?</li> </ul>	Y	
E	<ul style="list-style-type: none"> <li>entry at the shallowest point of the pool?</li> </ul>	Y	Pool shallowest depth: 1.0 metres. Ramp end depth: Approximately 1.0 metres.
F	<ul style="list-style-type: none"> <li>entry at a water depth between 900mm and 1100mm?</li> </ul>	Y	
G	<ul style="list-style-type: none"> <li>a maximum gradient of 1:14?</li> </ul>	TBC	Ramp gradient: TBC.
23	Are appropriate concourses planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum width of 1.0m at all locations?</li> </ul>	Y	Min. concourse width: 2.4 metres.
B	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to shallow water?</li> </ul>	N	Min. concourse width (adj. to shallow water): 2.4 metres.
C	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to high traffic areas?</li> </ul>	N	Min. concourse width (adj. to high traffic areas): 2.4 metres.
D	<ul style="list-style-type: none"> <li>a minimum width of 3.0m at the pool entrance?</li> </ul>	N	Min. concourse width at pool entrance: 2.3 metres.
E	<ul style="list-style-type: none"> <li>there are no lips / abrupt changes?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>there are no planter boxes?</li> </ul>	TBC	
24	Is appropriate sun protection provided;		
A	<ul style="list-style-type: none"> <li>where the pool is intended for young swimmers?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>over dry areas if the pool is outside</li> </ul>	NA	
25	Is the water depth appropriate;		
A	<ul style="list-style-type: none"> <li>minimum 0.9m where lesson activities take place?</li> </ul>	Y	Min. depth (lesson areas): 1.0 metres.
B	<ul style="list-style-type: none"> <li>minimum of 1.0m where lap swimming takes place?</li> </ul>	NA	

No.	Question	Response	Comments
26	Are appropriate lane width planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum of 2.0m where public lap swimming takes place?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>a minimum of 1.5m where lesson activities take place?</li> </ul>	NA	
C	Are any resting ledges recessed into the pool wall?	NA	
27	Are lap lane central markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>end 2.0m from either end of the pool?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>end with a distinctive cross at either end of the pool?</li> </ul>	NA	
28	Are lap lane end markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>extending from the pool edge to the pool floor?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>inclusive of a cross 300m beneath the surface?</li> </ul>	NA	
D	In competition pools do end walls rise 300mm above the water line?	NA	

**Learn to Swim Pool**

No.	Question	Response	Comments
29	Is the pool floor;		
A	<ul style="list-style-type: none"> <li>free of sudden variations?</li> </ul>	Y	Shallowest depth: 1.0 metres. Deepest depth: 1.30 metres.
B	<ul style="list-style-type: none"> <li>limited to a gradient not exceeding 1:14?</li> </ul>	Y	Max. gradient: 1:66.
C	If the floor gradient exceeds 1:14, are appropriately floor markings planned?	NA	

No.	Question	Response	Comments
D	Are pool tank fixtures and fittings free of sharp and protruding edges:	<b>N</b>	Sharp edges: 2, Ramp access wall. Protruding edges: 1, Ramp access wall.
E	Is the pool tank edge contrasted with the pool water?	<b>TBC</b>	
F	Is there at least one means of accessible entry (where a pool perimeter $\geq 40m$ )?	<b>Y</b>	Accessible entry option: Ramp.
30	Are appropriate entry / exit points provided;		
A	<ul style="list-style-type: none"> <li>• minimum four for a 25 metre pool?</li> </ul>	<b>NA</b>	
B	<ul style="list-style-type: none"> <li>• minimum six for 50 metre pools?</li> </ul>	<b>NA</b>	
C	<ul style="list-style-type: none"> <li>• minimum eight for 50 metre pools (where a boom is in place)?</li> </ul>	<b>NA</b>	
D	<ul style="list-style-type: none"> <li>• provided on both sides at each end of the pool?</li> </ul>	<b>N</b>	Ramp access on South Eastern side of Learn to Swim Pool.
31	Are appropriate step entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>• they are non-protruding into lanes?</li> </ul>	<b>NA</b>	
B	<ul style="list-style-type: none"> <li>• at least one handrail is provided?</li> </ul>	<b>NA</b>	
C	<ul style="list-style-type: none"> <li>• contrasting rise and treads?</li> </ul>	<b>NA</b>	
32	Are appropriate ladder entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>• they are non-protruding into lanes?</li> </ul>	<b>NA</b>	
B	<ul style="list-style-type: none"> <li>• contrasting rise and treads?</li> </ul>	<b>NA</b>	
C	<ul style="list-style-type: none"> <li>• appropriate design to prevent entrapment?</li> </ul>	<b>NA</b>	
33	Are appropriate ramp provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>• sections do not exceed 9.0m?</li> </ul>	<b>Y</b>	Section length/s: 9.0 metres.
B	<ul style="list-style-type: none"> <li>• a minimum clear width of 1.0m?</li> </ul>	<b>Y</b>	Min width: 1.0 metres.
	<ul style="list-style-type: none"> <li>• a minimum clear width of 1.5m for 50 metre pools?</li> </ul>	<b>NA</b>	
D	<ul style="list-style-type: none"> <li>• handrails are in place on both sides?</li> </ul>	<b>Y</b>	

No.	Question	Response	Comments
E	<ul style="list-style-type: none"> <li>entry at the shallowest point of the pool?</li> </ul>	Y	Pool shallowest depth: 1.0 metres. Ramp end depth: 1.0 metres.
F	<ul style="list-style-type: none"> <li>entry at a water depth between 900mm and 1100mm?</li> </ul>	Y	
G	<ul style="list-style-type: none"> <li>a maximum gradient of 1:14?</li> </ul>	TBC	Ramp gradient: TBC.
34	Are appropriate concourses planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum width of 1.0m at all locations?</li> </ul>	N	Min. concourse width: 350mm (South East side between Leisure and Concourse and Learn to Swim Pool).
B	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to shallow water?</li> </ul>	N	Min. concourse width (adj. to shallow water): 2.3 metres along South Western Wall.
C	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to high traffic areas?</li> </ul>	N	Min. concourse width (adj. to high traffic areas): 2.3 metres North Western (Deep) end of the pool.
D	<ul style="list-style-type: none"> <li>a minimum width of 3.0m at the pool entrance?</li> </ul>	Y	
E	<ul style="list-style-type: none"> <li>there are no lips / abrupt changes?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>there are no planter boxes?</li> </ul>	TBC	
35	Is appropriate sun protection provided;		
A	<ul style="list-style-type: none"> <li>where the pool is intended for young swimmers?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>over dry areas if the pool is outside</li> </ul>	NA	
36	Is the water depth appropriate;		
A	<ul style="list-style-type: none"> <li>minimum 0.9m where lesson activities take place?</li> </ul>	Y	Min. depth (lesson areas): 1.0 metres.
B	<ul style="list-style-type: none"> <li>minimum of 1.0m where lap swimming takes place?</li> </ul>	NA	
37	Are appropriate lane width planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum of 2.0m where public lap swimming takes place?</li> </ul>	NA	



No.	Question	Response	Comments
B	<ul style="list-style-type: none"> <li>a minimum of 1.5m where lesson activities take place?</li> </ul>	TBC	Lane width (lesson areas): TBC.
C	Are any resting ledges recessed into the pool wall?	NA	
38	Are lap lane central markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>end 2.0m from either end of the pool?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>end with a distinctive cross at either end of the pool?</li> </ul>	NA	
39	Are lap lane end markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>extending from the pool edge to the pool floor?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>inclusive of a cross 300m beneath the surface?</li> </ul>	NA	
D	In competition pools do end walls rise 300mm above the water line?	NA	

**Leisure and Concourse**

No.	Question	Response	Comments
40	Are toddlers and/or learners pools located away from other deep-water pools?	Y	
41	Where this is not possible, are effective transparent barriers and appropriate signage provided?	NA	
42	Is the pool floor;		
A	<ul style="list-style-type: none"> <li>free of sudden variations?</li> </ul>	Y	Shallowest depth: 0mm. Deepest depth: 300mm.
B	<ul style="list-style-type: none"> <li>limited to a gradient not exceeding 1:14?</li> </ul>	Y	Max. gradient: 1:23.
C	If the floor gradient exceeds 1:14, are appropriately floor markings planned?	NA	

No.	Question	Response	Comments
D	Are pool tank fixtures and fittings free of sharp and protruding edges:	TBC	Sharp edges: TBC. Protruding edges: TBC.
E	Is the pool tank edge contrasted with the pool water?	TBC	
F	Is there at least one means of accessible entry (where a pool perimeter >40m)?	NA	
43	Are appropriate step entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>at least one handrail is provided?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>treads a minimum of 300mm in width?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>treads a maximum 150mm in height?</li> </ul>	NA	
44	Are appropriate ladder entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>appropriate design to prevent entrapment?</li> </ul>	NA	
45	Are appropriate ramp provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>sections do not exceed 9.0m?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>a minimum clear width of 1.0m?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>handrails are in place on both sides?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>entry at the shallowest point of the pool?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>entry at a water depth between 900mm and 1100mm?</li> </ul>	NA	
F	<ul style="list-style-type: none"> <li>a maximum gradient of 1:14?</li> </ul>	NA	
46	Are zero depth entry points appropriately designed;		
A	<ul style="list-style-type: none"> <li>a maximum gradient of 1:14?</li> </ul>	Y	Gradient: 1:23.

No.	Question	Response	Comments
B	<ul style="list-style-type: none"> <li>finished flush with the concourse / wet deck?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>with a contrasting edge colour band?</li> </ul>	TBC	Edging colour: TBC.
D	<ul style="list-style-type: none"> <li>with a 'level area' provided for the length of the zero-depth entry point (not less than 1.5m in width)?</li> </ul>	N	350mm walkway between Learn to Swim Pool ramp and Beach Entry.
47	Are appropriate concourses planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum width of 1.0m at all locations?</li> </ul>	N	Min. concourse width: 350mm
B	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to shallow water?</li> </ul>	N	Min. concourse width (adj. to shallow water): 2.2 metres (South Western Wall).
C	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to high traffic areas?</li> </ul>	Y	Min. concourse width (adj. to high traffic areas): 8.0 metres (Towards the Café).
D	<ul style="list-style-type: none"> <li>a minimum width of 3.0m at the pool entrance?</li> </ul>	N	Min. concourse width (at pool entrance): 350mm (Between the Leisure and Concourse and Learn to Swim pool).
E	<ul style="list-style-type: none"> <li>there are no lips / abrupt changes?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>there are no planter boxes?</li> </ul>	TBC	
48	Is appropriate sun protection provided;		
A	<ul style="list-style-type: none"> <li>where the pool is intended for young swimmers?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>over dry areas if the pool is outside</li> </ul>	NA	
49	Is the water depth appropriate;		
A	<ul style="list-style-type: none"> <li>minimum 0.9m where lesson activities take place?</li> </ul>	NA	
50	Are appropriate lane width planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum of 1.5m where lesson activities take place?</li> </ul>	NA	

**25 Metre Pool**

No.	Question	Response	Comments
51	Is the pool floor;		
A	<ul style="list-style-type: none"> <li>free of sudden variations?</li> </ul>	Y	Shallowest depth: 1.2 metres. Deepest depth: 2.0 metres.

No.	Question	Response	Comments
B	<ul style="list-style-type: none"> <li>limited to a gradient not exceeding 1:14?</li> </ul>	Y	Max. gradient: 1:31.
C	If the floor gradient exceeds 1:14, are appropriately floor markings planned?	NA	
D	Are pool tank fixtures and fittings free of sharp and protruding edges:	TBC	Sharp edges: 3, Ramp and stair access. Protruding edges: 2, Ramp and stair access. Confirmation of fittings and fittings required.
E	Is the pool tank edge contrasted with the pool water?	TBC	
F	Is there at least one means of accessible entry (where a pool perimeter >40m)?	Y	Accessible entry option: Ramp.
52	Are appropriate entry / exit points provided;		
A	<ul style="list-style-type: none"> <li>minimum four for a 25 metre pool?</li> </ul>	N	No. of entry / exit points: 3.
B	<ul style="list-style-type: none"> <li>minimum six for 50 metre pools?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>minimum eight for 50 metre pools (where a boom is in place)?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>provided on both sides at each end of the pool?</li> </ul>	Y	
53	Are appropriate step entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>at least one handrail is provided?</li> </ul>	Y	No. of handrails: 2.
C	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	TBC	
54	Are appropriate ladder entry provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>they are non-protruding into lanes?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>contrasting rise and treads?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>appropriate design to prevent entrapment?</li> </ul>	TBC	
55	Are appropriate ramp provisions included to ensure;		
A	<ul style="list-style-type: none"> <li>sections do not exceed 9.0m?</li> </ul>	Y	Approximately 9.0 metres.
B	<ul style="list-style-type: none"> <li>a minimum clear width of 1.0m?</li> </ul>	Y	Approximately 1.2 metres.

No.	Question	Response	Comments
C	<ul style="list-style-type: none"> <li>a minimum clear width of 1.5m for 50 metre pools?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>handrails are in place on both sides?</li> </ul>	Y	
E	<ul style="list-style-type: none"> <li>entry at the shallowest point of the pool?</li> </ul>	Y	
F	<ul style="list-style-type: none"> <li>entry at a water depth between 900mm and 1100mm?</li> </ul>	N	Entry water depth approximately 1.2 metres.
G	<ul style="list-style-type: none"> <li>a maximum gradient of 1:14?</li> </ul>	TBC	
56	Are appropriate concourses planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum width of 1.0m at all locations?</li> </ul>	Y	Min. concourse width: 2.3 metres.
B	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to shallow water?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>a minimum width of 3.0m adjacent to high traffic areas?</li> </ul>	Y	Min. concourse width (adj. to high traffic areas): 3.2 metres.
D	<ul style="list-style-type: none"> <li>a minimum width of 3.0m at the pool entrance?</li> </ul>	N	Min. concourse width (at pool entrance): 2.3 metres, (Eastern corner of the 25 Metre Pool).
E	<ul style="list-style-type: none"> <li>there are no lips / abrupt changes?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>there are no planter boxes?</li> </ul>	TBC	
57	Is appropriate sun protection provided;		
A	<ul style="list-style-type: none"> <li>where the pool is intended for young swimmers?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>over dry areas if the pool is outside</li> </ul>	NA	
58	Is the water depth appropriate;		
A	<ul style="list-style-type: none"> <li>minimum 0.9m where lesson activities take place?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>minimum of 1.0m where lap swimming takes place?</li> </ul>	Y	Min. depth (lap swimming areas): 1.2 metres.
59	Are appropriate lane width planned to ensure;		
A	<ul style="list-style-type: none"> <li>a minimum of 2.0m where public lap swimming takes place?</li> </ul>	Y	Lane width (lap swimming areas): 2.5 metres.
B	<ul style="list-style-type: none"> <li>a minimum of 1.5m where lesson activities take place?</li> </ul>	Y	Lane width (lesson areas): 2.5 metres.
C	Are any resting ledges recessed into the pool wall?	NA	



No.	Question	Response	Comments
60	Are lap lane central markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	TBC	Colour: TBC.
B	<ul style="list-style-type: none"> <li>end 2.0m from either end of the pool?</li> </ul>	Y	
C	<ul style="list-style-type: none"> <li>end with a distinctive cross at either end of the pool?</li> </ul>	TBC	
61	Are lap lane end markers appropriately designed;		
A	<ul style="list-style-type: none"> <li>a contrasting colour?</li> </ul>	TBC	Colour: TBC.
B	<ul style="list-style-type: none"> <li>extending from the pool edge to the pool floor?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>inclusive of a cross 300mm beneath the surface?</li> </ul>	TBC	
D	In competition pools do end walls rise 300mm above the water line?	TBC	

### Fixtures, Fittings and Equipment

#### Warm Water Pool

No.	Question	Response	Comments
62	Are pool covers and storage devices appropriately stored to;		
A	<ul style="list-style-type: none"> <li>avoid inhibiting supervisory activities?</li> </ul>	NA	Pool covers not indicated in supplied documentation.
B	<ul style="list-style-type: none"> <li>ensure a minimum distance of 2.0m from the pool?</li> </ul>	NA	Pool covers not indicated in supplied documentation.
63	Are lane ropes appropriately designed to;		
A	<ul style="list-style-type: none"> <li>ensure the pubic are not exposed to sharp edges?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>allow the floats at either end to be on the pool surface?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from either end?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from the middle (in 50 metre pools)?</li> </ul>	NA	
64	Are appropriate backstroke flags;		

No.	Question	Response	Comments
A	<ul style="list-style-type: none"> <li>provided?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>fitted flush to the surface?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>located 5.0m from the end of the pool?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>located 5.0m from the middle (for 50 metre pool)?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>a minimum of 1.8m above the water level?</li> </ul>	NA	
F	<ul style="list-style-type: none"> <li>a contrasting colour to the ceiling / surrounds?</li> </ul>	NA	
65	Are starting blocks an appropriate design;		
A	<ul style="list-style-type: none"> <li>where the water depth is a minimum of 1.35m?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>where a minimum 6.0m forward clearance is provided?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>located 500mm to 750mm above the water level?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>a platform dimension of 500mm by 500mm?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>provided to permit a firm gripping of the platform?</li> </ul>	NA	
F	<ul style="list-style-type: none"> <li>provided with a distinct number on all four sides?</li> </ul>	NA	

**Learn to Swim Pool**

No.	Question	Response	Comments
66	Are pool covers and storage devices appropriately stored to;		
A	<ul style="list-style-type: none"> <li>avoid inhibiting supervisory activities?</li> </ul>	NA	Pool covers not indicated in supplied documentation.
B	<ul style="list-style-type: none"> <li>ensure a minimum distance of 2.0m from the pool?</li> </ul>	NA	
67	Are lane ropes appropriately designed to;		
A	<ul style="list-style-type: none"> <li>ensure the public are not exposed to sharp edges?</li> </ul>	TBC	Lane ropes not indicated in supplied documentation.
B	<ul style="list-style-type: none"> <li>allow the floats at either end to be on the pool surface?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from either end?</li> </ul>	NA	

No.	Question	Response	Comments
D	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from the middle (in 50 metre pools)?</li> </ul>	NA	
68	Are appropriate backstroke flags;		
A	<ul style="list-style-type: none"> <li>provided?</li> </ul>	TBC	Backstroke flags not indicated in supplied documentation.
B	<ul style="list-style-type: none"> <li>fitted flush to the surface?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>located 5.0m from the end of the pool?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>located 5.0m from the middle (for 50 metre pool)?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>a minimum of 1.8m above the water level?</li> </ul>	NA	
F	<ul style="list-style-type: none"> <li>a contrasting colour to the ceiling / surrounds?</li> </ul>	NA	
69	Are starting blocks an appropriate design;		
A	<ul style="list-style-type: none"> <li>where the water depth is a minimum of 1.35m?</li> </ul>	NA	
B	<ul style="list-style-type: none"> <li>where a minimum 6.0m forward clearance is provided?</li> </ul>	NA	
C	<ul style="list-style-type: none"> <li>located 500mm to 750mm above the water level?</li> </ul>	NA	
D	<ul style="list-style-type: none"> <li>a platform dimension of 500mm by 500mm?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>provided to permit a firm gripping of the platform?</li> </ul>	NA	
F	<ul style="list-style-type: none"> <li>provided with a distinct number on all four sides?</li> </ul>	NA	

**25 Metre Pool**

No.	Question	Response	Comments
70	Are pool covers and storage devices appropriately stored to;		
A	<ul style="list-style-type: none"> <li>avoid inhibiting supervisory activities?</li> </ul>	NA	Pool Covers not indicated in supplied documentation.
B	<ul style="list-style-type: none"> <li>ensure a minimum distance of 2.0m from the pool?</li> </ul>	NA	Pool Covers not indicated in supplied documentation.
71	Are lane ropes appropriately designed to;		
A	<ul style="list-style-type: none"> <li>ensure the public are not exposed to sharp edges?</li> </ul>	TBC	

No.	Question	Response	Comments
B	<ul style="list-style-type: none"> <li>allow the floats at either end to be on the pool surface?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from either end?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>include a distinct (float) colour 15m from the middle (in 50 metre pools)?</li> </ul>	NA	
72	Are appropriate backstroke flags;		
A	<ul style="list-style-type: none"> <li>provided?</li> </ul>	TBC	
B	<ul style="list-style-type: none"> <li>fitted flush to the surface?</li> </ul>	TBC	
C	<ul style="list-style-type: none"> <li>located 5.0m from the end of the pool?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>located 5.0m from the middle (for 50 metre pool)?</li> </ul>	NA	
E	<ul style="list-style-type: none"> <li>a minimum of 1.8m above the water level?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>a contrasting colour to the ceiling / surrounds?</li> </ul>	TBC	
73.	Are starting blocks an appropriate design;		
A	<ul style="list-style-type: none"> <li>where the water depth is a minimum of 1.35m?</li> </ul>	Y	
B	<ul style="list-style-type: none"> <li>where a minimum 6.0m forward clearance is provided?</li> </ul>	Y	Forward clearance (at min. 1.35m depth): Approximately 23.0 metres (Ramp/stair access and wall).
C	<ul style="list-style-type: none"> <li>located 500mm to 750mm above the water level?</li> </ul>	TBC	
D	<ul style="list-style-type: none"> <li>a platform dimension of 500mm by 500mm?</li> </ul>	TBC	
E	<ul style="list-style-type: none"> <li>provided to permit a firm gripping of the platform?</li> </ul>	TBC	
F	<ul style="list-style-type: none"> <li>provided with a distinct number on all four sides?</li> </ul>	TBC	

**Risk Register**

ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
North and West Car Parks.	Bus, Taxi and Car Drop Off.	<p>Drop off areas are not provided for a variety of vehicles, e.g. buses, taxis.</p> <p>Drop off areas should be as close as possible to the principal entry points of the Facility.</p> <p>Patrons and staff require safe and easy access to the premises. A safe drop off area will deter vehicles from stopping and visitors exiting vehicles in the car park without finding a car parking space.</p>	<ol style="list-style-type: none"> <li>1. Recommend that a drop off area be provided as close as possible to the principal entry point of the Facility.</li> </ol>	<p>GSPO Facility Design FD1 Approach and Access to Aquatic Facilities FD 1.2.6</p>
Staff Facilities. GF.40 GF.42	No Designated Staff Toilet, Shower, Change Room or Storage Facilities.	<p>Access to private changing facilities with secure storage for personal belongings should be provided where the nature of the work requires staff to change / shower prior to commencing their shift, and before leaving the workplace (e.g. learn to swim instructors).</p>	<ol style="list-style-type: none"> <li>1. Recommend separate staff toilet, shower, change areas and storage be included in the design stage.</li> </ol>	<p>GSPO Facility Design FD 11.6 Toilets FD 11.9 Personal Storage FD 11.10 Change Rooms FD 11.12 Shower Facilities</p>



ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
<p>Warm Water Pool and Concourse. GF.48</p>	<p>Concourse Width.</p>	<p>Narrow concourse widths affect traffic flow and increase the risk of users entering / falling into the water unintentionally.</p> <p>This could result in an increased risk of a drowning or non-fatal drowning incident.</p> <p>The current position of the Warm Water Pool allows for a concourse width of 2.4 metres adjacent to:</p> <ul style="list-style-type: none"> <li>• Shallow water (depth less than 1.2 metres).</li> <li>• High Traffic Area (Change Room entry).</li> <li>• Pool entrance (ramp).</li> </ul> <p>The minimum width for High Traffic and Circulation Areas or Adjacent to Shallow Water (Such as main walkways) is a minimum of 3.0 metres with an optimum width of 4.0 metres.</p>	<p>1. Recommend consideration be given to reconfiguration / positioning of the Warm Water Pool to allow for optimum width requirements.</p>	<p>GSPO Swimming Pool Design SP 5.3.3 Pool Concourse</p>
<p>Learn to Swim Pool.</p>	<p>1.3 metre pool depth adjacent to change room entry.</p>	<p>Change rooms situated near water deeper than 1.2 metres increase the risk of children accessing the pool unobserved</p>	<p>1. Recommend change rooms are located away from water deeper than 1.2 meters. If this is not</p>	<p>GSPO Swimming Pool Design</p>

ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
GF. 36		without consideration to the water depth or conditions.	possible, barriers and appropriate signage should be installed to prevent children from unintentional entry into deep water. 2. Reduce Learn to Swim Pool maximum depth to 1.1 metres.	SP 1.2 Location and Layout of Pools 1.2.3 b)
25 Metre Pool. GF. 21	25 Metre Pool entry / exit Point (Northern Corner).	Deep water climb outs (ladders) should be provided on both sides of the 25 Metre Pool at the deep end, allowing for prompt exit from the pool should a patron find themselves in difficulty.	1. Recommend the installation of a ladder entry/exit (climb outs) be available at the Northern corner of the 25 Metre Pool.	GSPO Swimming Pool Design SP3 Pool Entry/Access 3.2.4 a)
25 Metre Pool. GF. 21	Ramp Access into 25 Metre Pool.	Water access from ramp is approximately 1.2 metres in depth.  Ramp access that ends at a water depth exceeding 1100mm, could lead young children and/or non-swimmers to enter water that is out of their depth.  This could result in an increased risk of a drowning or non-fatal drowning incident.	1. Recommend ramp access end at a depth no greater than 1100mm. 2. Recommend consideration be given to other available options to achieve the requirements set out in the Disability (Access to Premises - Buildings) Standard 2010. E.g. pelican lift / pool hoist.	GSPO Swimming Pool Design SP 2.3.1 Water Depths SP 3.4.1 Fixed or Movable Ramps

ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
25 Metre Pool / Café Windows. GF. 22 GF. 23	Natural Light entering from the East / Glare and Surface Reflection from Windows.	Specific consideration should be given to the risk of glare caused by glazing which could affect the view of Lifeguards and pool users.  Glare caused by glazing inhibits effective scanning by Lifeguards which can result in a drowning casualty being missed.	1. Recommend the use of environmental control measures such as; horizontal sunshades or window film to control direct sunlight entering the building through the windows facing East.	GSPO Facility Design FD 2.5.4 Interior Walls FD 5.2 Natural Light
25 Metre Pool / Café.	Café chairs / tables in proximity to 25 Metre Pool.	Parents and Guardians will often frequent the Café area before, during and after Learn to Swim lessons, often with younger children/siblings.  The proximity of the internal Café area seating to the 25 Metre Pool may lead to unintentional and unsupervised entry of young children.	1. Recommend the concourse width is the minimum width of 3.0 metres or greater unobstructed (optimum width 4 metres). 2. Recommend consideration be given to installation of a glass balustrade between Café seating and 25 Metre Pool concourse.	GSPO Risk Management Guidelines
Facility Layout. GF. 36 GF. 35	Concourse width between LTS Pool and Leisure and Concourse.	Children will commonly move from one adjacent body of water to another unobserved without consideration to the change in water depth or conditions.	1. Recommend that the Learn to Swim Pool and Leisure and Concourse be separated. (At minimum, a concourse of 3 metres in width should separate the two).	GSPO Facility Design Swimming Pool Design

ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
		<p>Ramps are attractive to young children who use the ramp as a beach entry, allowing them to easily enter water out of their depth. Children often undertake incorrect behaviour (swinging on the rails, jumping off rails and running down the ramp) which can lead to self-injury and injury to other bathers.</p> <p>The 350mm width between the Leisure and Concourse pool and the Learn to Swim Pool will give direct access to the Learn to Swim Pool Ramp with little to no time for parental or Lifeguard intervention.</p>		<p>SP 5.3.3 Concourse Width</p>
<p>Facility Layout. GF. 48 GF. 36 GF. 35</p>	<p>Poolside Seating around the Learn to Swim and Leisure and Concourse areas.</p>	<p>A lack of seating adjacent to both the Learn to Swim and Leisure and Concourse Pool discourages parents or carers from providing close active supervision (as there is no suitable vantage point from which to do so).</p>	<ol style="list-style-type: none"> <li>1. Recommend that consideration be given to the provision of additional seating surrounding the Warm Water Pool, Learn to Swim Pool and Leisure and Concourse during the design stage to support close active supervision of children by parents and carers.</li> </ol>	<p>GSPO Risk Management Guidelines Aquatic Supervision SV14. Supervision of Children (Under 10)</p>

ACTIVITY AREA / ITEM	RISK SOURCE	DESCRIPTION	TREATMENT OPTIONS	GUIDELINES FOR SAFE POOL OPERATION REFERENCE
All Pool Areas. GF. 48 GF. 36 GF. 35 GF. 21	Vertical surfaces for installation of signs around all bodies of water.	<p>Prohibition, warning and depth signs must be of an appropriate size and sited to be visible from both within the pool and the pool concourse.</p> <p>The inability for users to assess the depth through adequate signage may result in swimmers under estimating water depths which may result in a drowning or non-fatal drowning incident.</p>	<ol style="list-style-type: none"> <li>1. Recommend a water safety signage system for the aquatic centre is factored in the design phase.</li> </ol> <p><i>(Refer to signage schedule on page 42 of this report).</i></p>	GSPO Aquatic Signage

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## Comments and Considerations

The following section contains general comments and information regarding the architectural drawings that were reviewed during the assessment process. In the same manner as the assessment, the comments are based on the experience of the Assessors.

In many cases, the comments are aimed to highlight certain aspects of the design or to bring an additional design consideration to the table for further discussion. In other instances, the comments may be simply to highlight a specific feature that was not covered through a question in the assessment process.

## Emergency Access

Current designs do not indicate an area for emergency vehicles to park at the entrance of the facility. Due to the high risk nature of the activities within the centre, it is essential that Emergency Personnel have quick and easy access into the facility.

It is recommended that consideration be given for emergency services parking at the entrance to the facility and to have designated vehicle access to other areas of the facility, such as the 50 metre Pool grounds.

## Proposed Secondary Entry

Following questions regarding the plans specific to: GF.28, GF. 29, GF. 26, GF.24, it was determined from discussions with FDC Construction & Fitout, that a secondary access / entry point is proposed adjacent to the Café.

It is recommended consideration be given to the ongoing cost implications and overall feasibility of a secondary entry point. For example:

- Daily manning of the secondary entry point by correctly trained staff.
- Additional signage required. i.e. Conditions of Entry, Parental Supervision Signage.
- Potential inability to lease the Café, (as staff manning the Café would be required to have facility specific training).
- Potential security risks stemming from a secondary entry point.



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## First Aid Room

It is recommended consideration be given to repositioning the door to the First Aid Room to the South Western wall (opening onto the main corridor). It should be noted, a minimum door width of 1.0 metres be provided to allow easy access and movement of injured people, who may need to be supported or moved by stretcher or wheelchair.

Ideally, the First Aid room should be located within easy access to a sink (as noted on the plans) with hot and cold water and toilet facilities. Access to a telephone for contacting emergency services or an emergency call system should be provided as part of all First Aid facilities. As a guide, the First Aid Room should have an appropriate floor area of 14 square metres.

## Warm Water Pool - Supervision

It should be noted that the layout of the aquatic facility is likely to require increased supervision due to the multiple water spaces. It is recommended that consideration be given for the ability to isolate / lock off the Warm Water Pool from public access, in periods where there are no scheduled programs or the Warm Water Pool is not in use. Long term, this measure could assist with ongoing staffing / cost implications as the body of water will require a Lifeguard on duty at all times the pool is operational.

## Anchor Points - Warm Water and Learn to Swim Pool

It is recommended that additional anchor points for lane ropes are installed in the Warm Water and Learn to Swim Pool running along each pool's shortest dimension. This will provide the operator with the opportunity for a broader range of pool configurations, increasing the flexibility of the water space. This is of particular benefit with Learn to Swim programs, allowing for programs to be restricted to appropriate water depths for age and ability of participants, reducing the need for portable swim platforms and potentially increasing program capacity.

## 25 Metre Pool Concourse Width

The current width between the 25 metre Pool and bleacher seating is approximately 3.2 metres. The recommended optimum width of concourse for high traffic areas is 4.0 metres.

Additionally, the 25 metre Pool entry / access point in the Eastern Corner (Deep End) is 2.3 metres in width from the pool edge to the Patron Deck wall. The recommended minimum concourse width adjacent to entry / exit access points is 3.0 metres.

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Recommend consideration be given to reconfiguration / positioning of the 25 metre Pool to allow for optimum concourse width requirements.

### **Café and 25 Metre Pool**

Parents and Guardians will often frequent the Café area before, during and after Learn to Swim lessons, often with younger children and their siblings.

Due to the proximity of the Café to the 25 metre Pool, it is recommended consideration be given to the installation of a glass balustrade between the Café seating area and the 25 metre Pool. Installing a barrier in this position, as a risk treatment measure, will assist in preventing children from directly accessing the 1.2 to 1.6 metre deep water of the 25 metre Pool.

### **Family Change Rooms / Toilets / Showers**

It is identified within supplied plans that a family change room is provided (GF.47) however, the family changeroom does not have access to toilet or wash facilities. It is recommended that consideration be given to the provision of additional family changeroom / toilet / shower facilities to accommodate parents / guardians and children utilising the Leisure and Concourse and Learn to Swim Pool.

### **Pool Blankets- Storage and Use**

Heating of the pool water will cause evaporation and produce condensation when the pool air is +/- 1 degree outside of the pool temperature. The use of pool covers overnight and times when the pool is not in use will significantly reduce heating costs, pool water and air heating plant maintenance will decrease and damage caused by condensation on pool fittings and structures will also be reduced.

It has been identified that proposed storeroom sizes and pool concourses do not allow for storage of Pool Blankets, as such, consideration should be given during the design stage, to installation of in-ground pool covers for all pools.

### **Lane Rope and Starting Block Storage**

It has been identified in the designs that a storeroom exists for the 25 metre Pool. The storeroom is approximately 9 square metres. It is assumed that it will be required to store 2 pool lane rope reels and 8 starting platforms (starting blocks) whilst they are not in use.

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It is recommended that consideration be given to increasing the size of the 25 metre storeroom (GF.20) to accommodate the storage of all 25 metre Pool equipment.

## Ramp Access

The architectural drawings for Goulburn Aquatic Centre identify ramp access into each body of water. The 25 metre Pool ramp ends in a water depth greater than 1100mm. With the implementation of ramp access brings a number of risks to the aquatic centre such as; patron safety, access ramps are attractive to young children who use the ramp as a beach entry, allowing them to easily enter water out of their depth. Children often undertake incorrect behaviour (swinging on the rails, jumping off rails and running down the ramp) which can lead to self-injury and injury to other bathers.

There are a variety of challenges which ramps introduce for supervising Lifeguards. First and foremost, addressing the safety matters above and continually ensuring the ramp remains free of young children. Secondly, the line of sight issue associated with the ramp, whereby the Lifeguard cannot see on the other side of the in-water wall. Thirdly, the use of ramps linking pools and the associated risk of young children using the ramps unnoticed and working their way towards areas of deep water.

Accessible entry options are a requirement for new public pool facilities however, it is recommended that consideration be given to other available options to achieve the requirements set out in the Disability (Access to Premises - Buildings) Standard 2010. An acceptable option may be to replace the Learn to Swim Pool and 25 metre Pool, ramp and stair access with either a platform swimming pool lift and aquatic wheelchair or a mobile sling-style swimming pool lift. In doing so will provide safe and suitable pool access to all members of the community and allow for more programable / usable pool space.

## Signage Within the Pool

It is recommended that the installation of fixed graphics on tiles indicating prohibited (no diving) symbols be limited, due to the ongoing changes to the relevant Australian Standard they may not continue to be compliant. In addition, Royal Life Saving consider signage on tiles to be supplementary signage, as graphics on the tiles are not large enough to meet the size for intended viewing distance.



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## Feedback Register

To be completed after communication between RLSNSW Assessor/s, FDC Construction and Fitout and Key Stakeholder representatives relating to the elements which were identified to be non-conforming or TBC (requiring further information) by the RLSNSW Assessor, detailed in the risk register and the comments and considerations sections of the Facility Design Assessment.

## Outstanding Documentation

The following section contains details of additional information that it is recommended is provided to RLSNSW in order to ensure that the assessment is completed in full.

It is noted that complex developments and redevelopments remain live entities and that a variety of decisions associated with design, finishes, fixtures and fittings and management systems may not yet be finalised and will subsequently need to remain out of scope.

- No details have been provided with regard to Plant Equipment (Disinfection)
- No details have been provided with regard to Plant Equipment (Pool Heating)
- No details have been provided with regards to Fixtures and Fittings

## Signage Schedule

The information provided in this signage schedule is to give guidance on the signs required around bodies of water in an aquatic facility only. Determining the most appropriate signage at an aquatic facility is a detailed process that should include assessing the hazards and associated risks which need signage, then determining:

- The classification of sign to be used
- The location and size of the signs
- The mounting height
- The sign height and maximum viewing distance
- The text to support the sign
- The use of single or multiple signs
- The lighting and illumination where the signage will be located
- The environment where the signage will be located
- The material, construction and physical properties
- The fixing method of the signs



The placement of water safety signage needs to be considered during the design phase, as well as the final stage of construction of an aquatic facility. This will ensure an effective signage system that allows patrons to make an informed decision when using a particular body of water.

Water Safety Signage is a commonly used risk mitigation strategy in aquatic venues. Appropriate signage should allow a person to make an informed decision about entering / using an aquatic venue under control of the owner or operator of that aquatic facility. Water Safety Signage consists of Depth Markers and Advisory Symbols.

Standards Australia has developed guidelines for the design and application of Water Safety Signs and Beach Safety Flags 2416:2010. These signs have been well researched and evaluated to show very high results in terms of recognition and recall.

The symbols used in this signage schedule are the most current and up to date. However, it is important to note that symbols and publications are reviewed and can be updated, this should be considered throughout the design phase.

### Pool Depth Markers

Depth Markers should highlight the changes in gradient, particularly in depths less than 1.6 metres. This will minimise the opportunity for poor or weak swimmers to get out of their depth.

All depth markers should be shown in metric measurements, with numerals and letters a minimum of 100mm in height.



Markings should be placed in a position where they can be seen from within the body of water and from the pool concourse. Where possible, depth markers should be co-located with water advisory symbols.



**Water Advisory Symbols**

*Warning Symbols* - Depicted in a yellow diamond / triangle with a black border and warn the public of the hazard displayed inside the geometric shape.

AS/NZS 2416.1:2010 Part 1, Part 2 and Part 3 Water Safety Signs and beach safety flags display warning symbols within a triangular shape, instead of the traditional diamond shape. Within AS/NZS 2416.1:2010 Part 1, Part 2 and Part 3 Water Safety Signs and beach safety flags the standards make specific reference to allow warning signs within Australia to be depicted with both. The triangle shape has been introduced as the Australian Standard is also now an International Standard and the triangle is more widely used in other parts of the world. Whichever option is chosen by the owner or operator of an aquatic facility it is important to ensure that a consistent approach is taken in respect to the message to the public.

*Prohibition Symbols* - Depicted by a red circle on a white background, with a red diagonal slash across the activity or behaviour that is prohibited.

*Information Symbols* - Depicted in a blue square or circle with the image or words displayed in white.




Water Safety Sign	Signage Description
 <p>Shallow Water</p> <p>No Diving</p>	<p>In water depth of 1.2 metres or less the following signs/symbols should be used:</p> <ul style="list-style-type: none"> <li>• Depth marker minimum 100mm high</li> <li>• No Diving prohibition sign (recommended 300mm high) AND wording No Diving or similar</li> <li>• Shallow Water Warning sign (recommended 300mm high) and wording Shallow Water or similar</li> </ul>



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 <p>No Diving</p>	<p>In water depth of 1.2 metres to 1.8 metres the following signs/symbols should be used:</p> <ul style="list-style-type: none"> <li>• Depth marker minimum 100mm high</li> <li>• No Diving prohibition sign (recommended 300mm high) AND wording No Diving or similar</li> </ul>
 <p>Deep Water</p>	<p>In water 1.8 metres deep or more the following signs/symbols should be used:</p> <ul style="list-style-type: none"> <li>• Depth marker minimum 100mm high</li> <li>• Deep Water Warning sign and wording Deep Water or similar</li> </ul>
 <p>Sudden Drop</p>	<p>When a gradient change is more than 1:14 the following signs/symbols should be used:</p> <ul style="list-style-type: none"> <li>• Sudden Drop Warning sign and wording Sudden Drop or similar</li> </ul>

## Mounting Height

The following principles should be applied to assist users of the facilities to predict the location of successive signs, whether they are mounted on walls, posts or overhead.

- Signs should be mounted as close as practicable to the observer's line of sight in the vertical plane. For a standing adult, this will be approximately 5° up or down from a point 1500 mm above ground level in front of the observer.

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- Signs that are freestanding or mounted overhead should be placed so that they are not a hazard and do not enter into the required space for a clear and accessible path. (See Pool Concourse Guidelines for more information).
- Where practical, the space in front of the sign should be clear so that people without correction lenses or with visual impairments are able to approach the sign to reduce their viewing distance.

## Signage Schedule

### Warm Water Pool

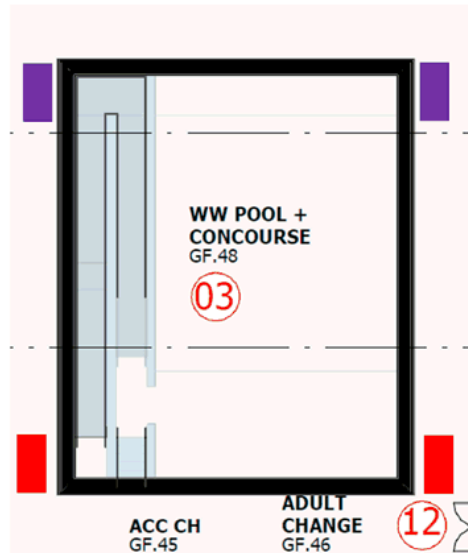
Sign Number	Sign Key	Location	Icon	Referent	Notes	Sighting
01		Warm Water Pool		Shallow water	Min 300mm height. Referent wording must also be displayed.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
				No Diving	Min 300mm height. Referent wording must also be displayed	
			1.0M	[Depth Marking]	Min 100mm height.	
01		Warm Water Pool		No Diving	Min 300mm height. Referent wording must also be displayed	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
			1.4M	[Depth Marking]	Min 100mm height.	

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## Signage Layout – Warm Water Pool



## Learn to Swim Pool

Sign Number	Sign Key	Location	Icon	Referent	Notes	Sitting
01		Learn to Swim Pool		Shallow water	Min 300mm height. Referent wording must also be displayed.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
				No Diving	Min 300mm height. Referent wording must also be displayed	
			1.0M	[Depth Marking]	Min 100mm height.	

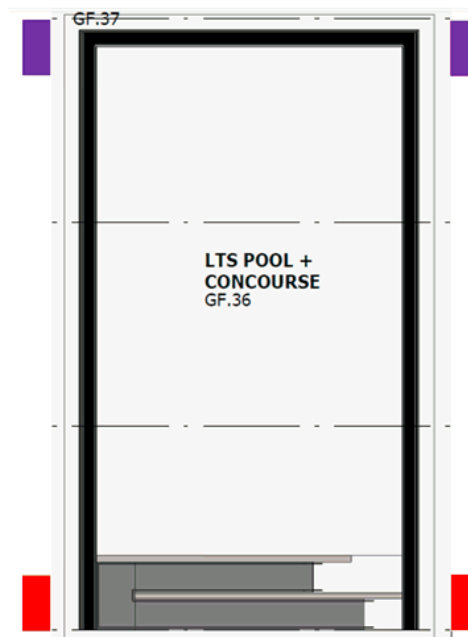
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	■	Learn to Swim Pool		No Diving	Min 300mm height. Referent wording must also be displayed	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
				1.3M	[Depth Marking]	

### Signage Layout - Learn to Swim Pool



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## 25 Metre Pool

Sign Number	Sign Key	Location	Icon	Referent	Notes	Sitting
	■	25-metre Pool		Shallow Water	Min 300mm height. Referent wording must also be displayed	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
				No Diving		
			1.2M	[Depth Marking]		
	■	25-metre Pool		No Diving	Min 300mm height. Referent wording must also be displayed	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
			1.4M	[Depth Marking]		
	■	25-metre Pool		No Diving	Min 300mm height. Referent wording must also be displayed	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
			1.6M	[Depth Marking]		
	■	25-metre Pool		Deep Water	Min 300mm height. Referent wording must	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible



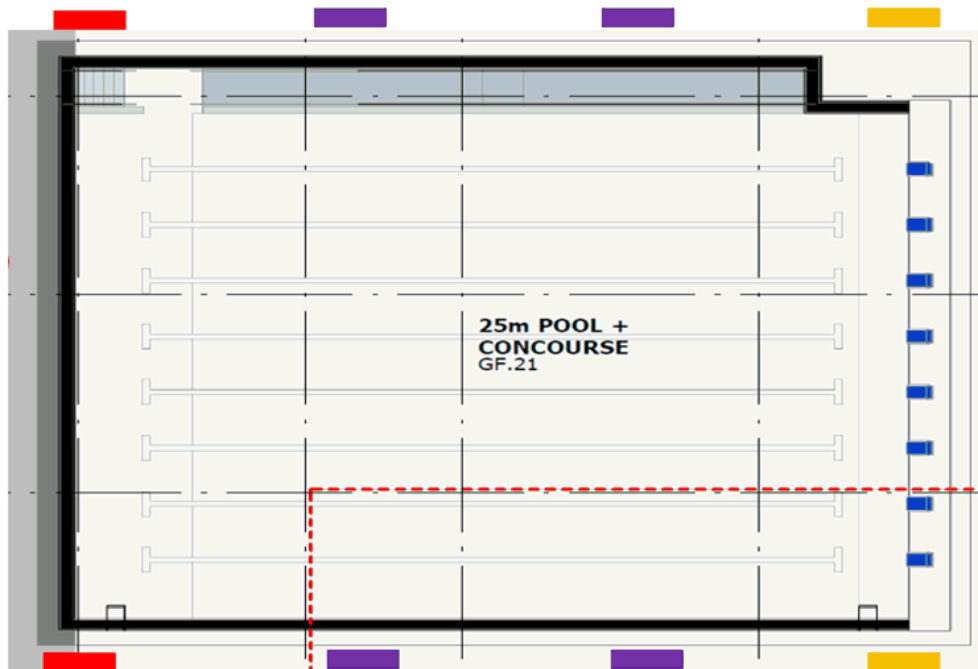
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					also be displayed	from both within the pool and the pool concourse.
			2.0M	[Depth Marking]	Min 100mm height.	

## Signage Layout - 25 Metre Pool



### Signage Comments

- All water safety signs should be fixed, secured and facing towards the water space.
- All water safety signs should be installed adjacent to the appropriate water depths.

Note: Exact installation locations are to be confirmed.

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**Please note: Positions of signs are a guide only and subject to change with consideration to the location of the sign. Further consultation is required during final design and construction stages to identify the most suitable location for signs around each body of water.**

## Leisure and Concourse

Sign Number	Sign Key	Location	Icon	Referent	Notes	Sitting
		Leisure and Concourse		Do not aim water at users faces	Min 300mm height. Referent wording must also be displayed.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5°
			Supervise Children at all times	Min 300mm height. Referent wording must also be displayed.		
			No Running	Min 300mm height. Referent wording must also be displayed.		

Recommend rules of conduct be developed for the water feature and that signage listing those rules is prominently displayed near the feature.

Rules may include, but not limited to:

- Instructions for use
- Rider position/advice
- Rules
- Age restrictions (if required)
- Maximum loading on equipment (if required)
- Parental supervision

The presentation of information is very important to how people understand and react to conditions of use signage. It is advisable to use pictograms along with supplement text to ensure the signs meaning is clearly read and understood.

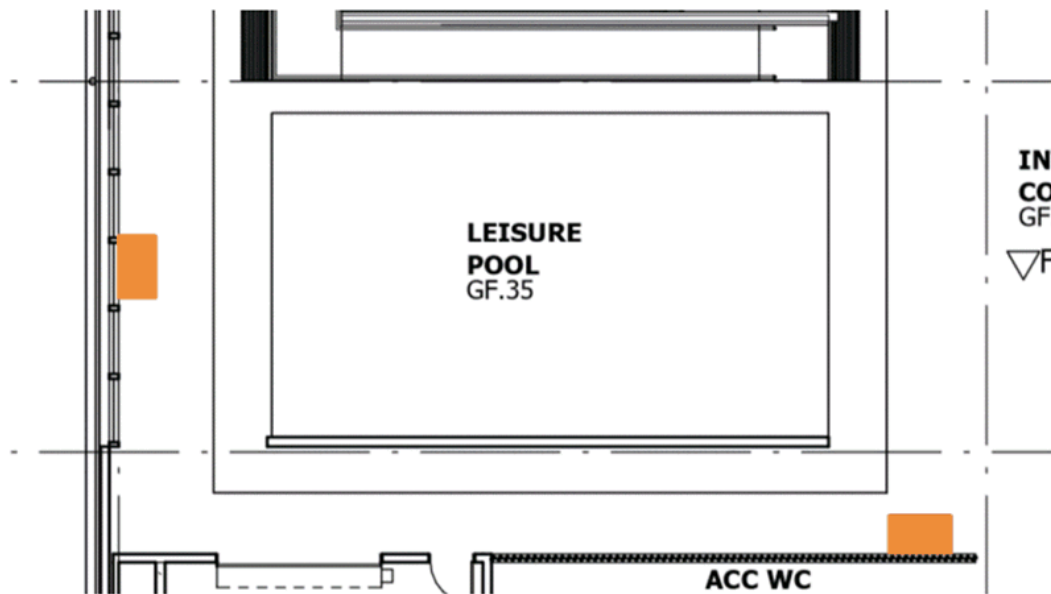
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Signage should be in line with the manufacturer's guidance and instructions. Signs should be positioned to ensure clear visibility from normal approaches.

## Signage Layout – Leisure and Concourse



Note: Exact installation locations are to be confirmed.

**Please note: Positions of signs are a guide only and subject to change with consideration to the location of the sign. Further consultation is required during final design and construction stages to identify the most suitable location for signs around each body of water.**

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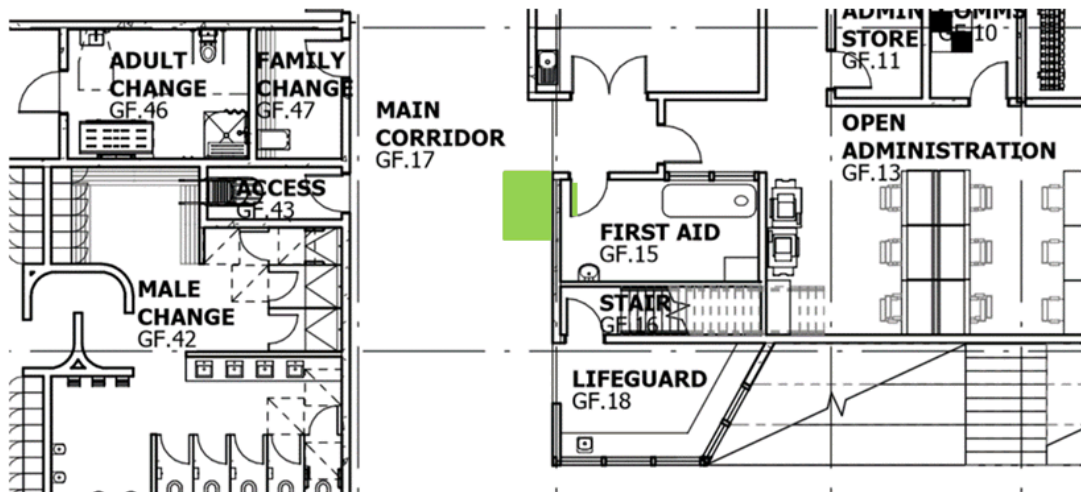
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## First Aid Room

Sign Number	Sign Key	Location	Icon	Referent	Notes	Sighting
14		First Aid		First Aid	Min 300mm height. Referent wording must also be displayed.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5°
				Defibrillator		

## Signage Layout – First Aid Room



Please note: Positions of signs are a guide only and subject to change with consideration to the location of the sign. Further consultation is required during final design and construction stages to identify the most suitable location for signs.

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## Facility

Sign Number	Sign Key	Location	Icon	Referent	Notes	Sighting
		Pool Hall		No Running	Min 300mm height. Referent wording must also be displayed.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5° and visible from both within the pool and the pool concourse.
			No Rough Play			
			No Bombing			
			No Jumping			
			Supervise Children at all times			

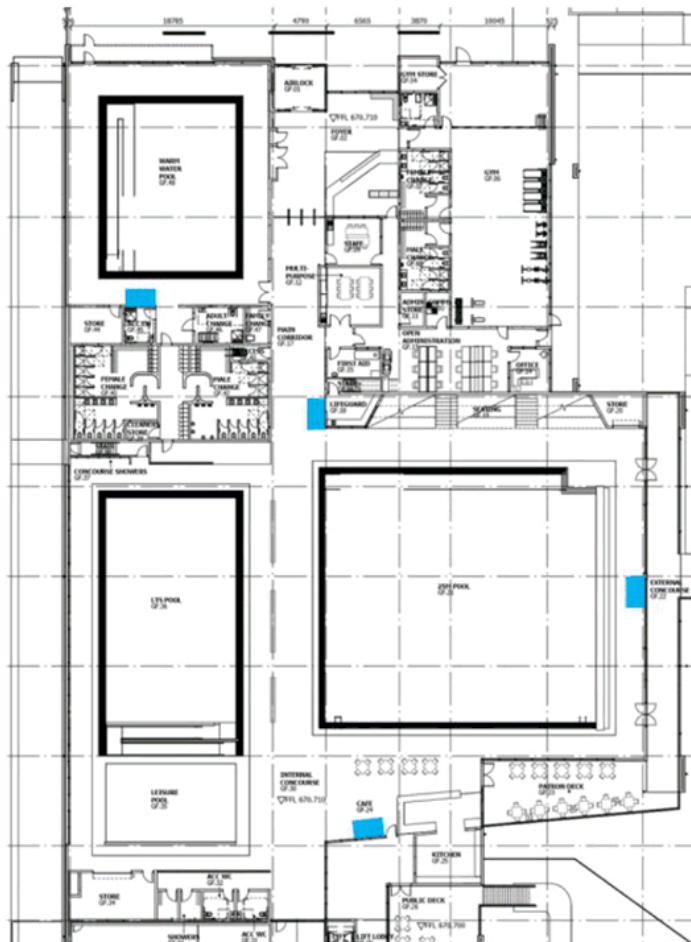


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## Signage Layout - Facility



Note: Exact installation locations are to be confirmed.


**Please note: Positions of signs are a guide only and subject to change with consideration to the location of the sign. Further consultation is required during final design and construction stages to identify the most suitable location for signs around each body of water.**

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## Primary Access Signage

Sign Number	Sign Key	Location	Sign Information	Notes	Sighting
		Leisure Centre Entry	Information on this signage should display, but not limited to: <ul style="list-style-type: none"> <li>Leisure Centre Opening Hours</li> <li>Hazards identified at the facility</li> <li>Parental Supervision information (i.e. Children must be supervised at all times)</li> <li>Customer responsibilities</li> <li>Disclaimer</li> <li>Rules appropriate to the nature of activities conducted at the facility</li> <li>Management Policy</li> </ul>	Sign should be easily visible upon entry into the leisure facility.	As close as possible to an observer's line of sight i.e. 1.5 metres from ground level +/- 5°

### Additional Comments

Primary access signs should be placed at each main entrance to the leisure facility and at pedestrian entrances. Primary access signs are usually in the form of a Multiple Sign and should include key safety information and rules that is applicable for the entire leisure centre. The sign should be appropriately located to allow a person to make an informed decision about entering/using Goulburn Aquatic Centre prior to paying the entry fee.

The presentation of information is very important to how people understand and react to the entrance signage. It is advisable to use pictograms along with supplement text to ensure the signs meaning is clearly read and understood.

The positioning of symbols on conditions of entry signage should be given careful consideration; their positioning will affect how successfully the sign is read and understood. It is advisable to use supplementary text alongside symbols to explain their meaning and this text should clearly relate to the safety sign which it accompanies.

The minimum height of symbols should take into account the needs of people with normal sight and people with visual impairments



**Secondary Access / Entrance Signage**

Sign Number	Sign Key	Location	Sign Information	Notes	Sighting
	■	Pool Hall Entry	Information on this signage should display, but not limited to: <ul style="list-style-type: none"> <li>• Child age for supervision</li> <li>• Guardian age for supervision</li> <li>• Guardian responsibilities</li> <li>• Customer responsibilities</li> <li>• Rules relating to correct pool behaviour</li> <li>• Hazards identified e.g. Shallow Water</li> </ul>	Sign should be easily visible upon entry into the aquatic pool hall.	As close as possible to an observer's line of sight i.e. 1.5m from ground level +/- 5°

**Additional Comments**

Recommend secondary access signage is located at the pedestrian entrances to the aquatic pool hall within Goulburn Aquatic Centre. The sign should reinforce the specific conditions of entry relating to the pool hall.

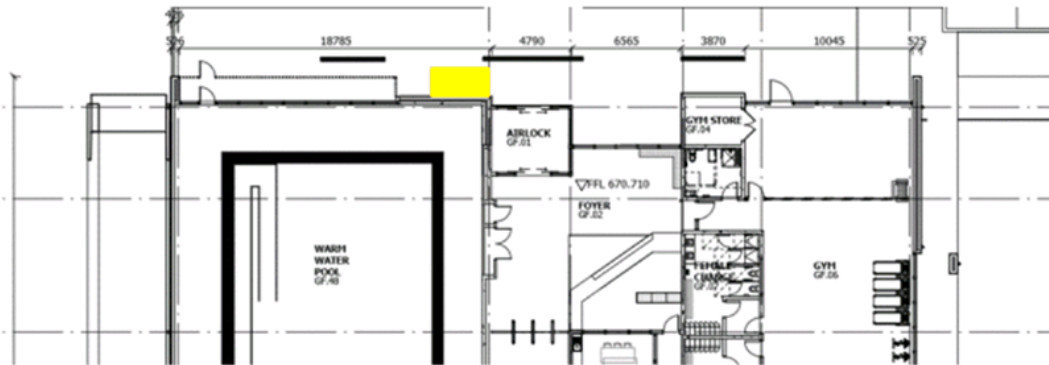
The owner or operator (stakeholders) should conduct a risk assessment to ensure the conditions of entry signage displays the correct information relevant to Goulburn Aquatic Centre .

# AQUATIC INDUSTRY SERVICES

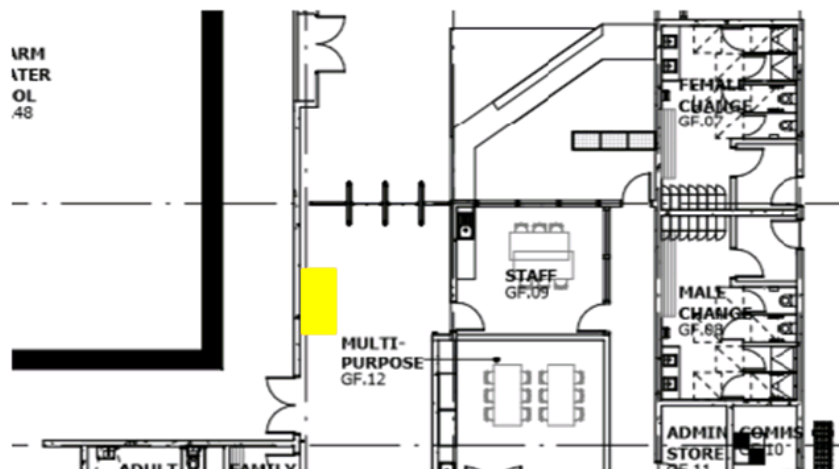
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## Signage Layout - Primary Access



## Signage Layout - Secondary Access



Note: Exact installation location is to be confirmed.

**Please note: Positions of signs are a guide only and subject to change with consideration to the location of the sign. Further consultation is required during final design and construction stages to identify the most suitable location for signs.**



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## Aquatic Industry Guidelines and Standards

- Guidelines for Safe Pool Operations (published by Royal Life Saving Australia)
- Practice Note 15 Water Safety, Version October 2017 (published by Department of Local Government, NSW)
- Public Swimming Pool and Spa Advisory Document, Version April 2013 (Published by Health Protection NSW)
- AS1319-1994 Safety signs for the occupational environment (published by SAI Global)
- AS1345-1995 Identification of the contents of pipes, conduits and ducts (published by SAI Global)
- AS2416-2010 Water safety signs and beach safety flags (published by SAI Global)
- Best Practice Manual - Signs as Remote Supervision, Version 8 October 2012 (published by Statewide Mutual)
- National Aquatic and Recreation Signage Style Manual, 3rd Ed (published by the State Government of Victoria) Note: this document has not been updated since the change in safety signage to AS2416 so contains old signage pictograms.





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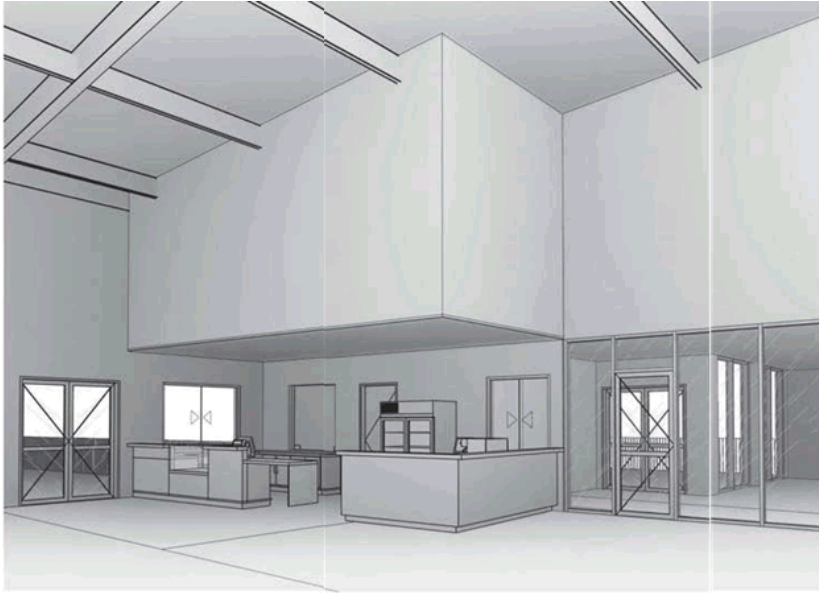
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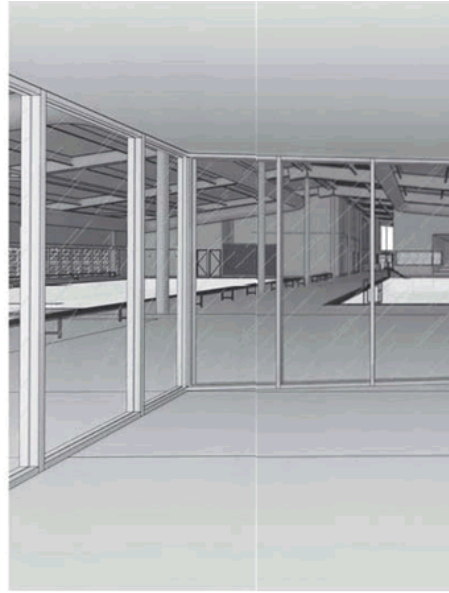
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3D View\_CAFE



3D View\_CAFE\_PUBLIC



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**DESIGN DEVELOPMENT**  
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Date: 18/08/2020  
 Project: Goulburn Aquatic Centre Redevelopment  
 dwp  
 www.dwp.com

Project: Goulburn Aquatic Centre Redevelopment  
 Location: 55 Deccan Street, Goulburn

Project Number: 20-0055

Project Name: CAFE

Issue: INT\_03  
 Date: 18/08/2020 3:52:54 PM









