

Appointed reviewer statement template

Approved form MGR5.2 under the Planning Act 2016

Compliance check of Livingstone Shire Council local government infrastructure plan

Prepared by: PIE Solutions Pty Ltd

Version	Date	Reviewer name and signature
Final	20/02/2025	Jason Miller
		

Introduction

PIE Solutions has been engaged by Livingstone Shire Council (Council) to undertake a compliance check of its proposed amendment of the current Local Government Infrastructure Plan (LGIP) in accordance with the statutory guidelines.

PIE Solutions is required to:

- (1) evaluate whether a proposed LGIP or amendment complies with the requirements outlined under the *Planning Act 2016* and the Minister's Guidelines and Rules, including:
 - (a) the SOW model requirements in Schedule 7 of the Guideline and Rules;
 - (b) the LGIP template;
 - (c) the approved form MGR5.1 – LGIP Review Checklist; and
- (2) comply with the fundamental ethical principles of integrity, objectivity, professional competence, due care and professional behaviour when reviewing the LGIP; and
- (3) provide a written statement and the completed checklist to the local government detailing the findings of the compliance check.

Scope exclusions

The following items are outside the scope of this review:

- A verification of the accuracy of individual inputs used in the preparation of an LGIP.
- A review of the local government's Long Term Financial Forecast (LTFF) or asset management plan (AMP) other than to determine the extent of their alignment with the LGIP.

Background

Council adopted the current LGIP 19 June 2018, forming Part 4 and Schedule 3 of the Livingstone Planning Scheme 2018 (Version 3). The LGIP outlines Council's plans for trunk infrastructure required to support future urban development, ensuring services are delivered at the desired standard in a coordinated, efficient, and financially sustainable manner.

In 2024, the current LGIP underwent an LGIP Review, conducted by Livingstone Shire Council, in accordance with section 25(3) of the *Planning Act 2016*. The key outcomes of the LGIP Review included:

- **Planning assumptions:**
The projections of residential and non-residential development are not accurate, current or relevant and require revision.
- **Network planning:**
The future trunk infrastructure items are no longer accurate, current or relevant and require revision to align with the latest network planning.
- **Priority Infrastructure Area:**
The Priority Infrastructure Area does not include areas of existing approved urban development and may not be adequate to accommodate a further 10-15 years of urban growth.

In 2022, Council engaged PIE Solutions to assist it prepare an LGIP amendment. Following completion of the network planning, drafting of the LGIP amendment was finalised in November 2024.

On 14 November 2024, Council sent the proposed LGIP amendment and LGIP Review Checklist to PIE Solutions to undertake a compliance check in accordance with the Ministers Guidelines and Rules.

This report summarises the outcomes of the compliance check and has been prepared in accordance with the requirements of the Minister's Guidelines and Rules.

Compliance check process

The process used for the compliance check is as follows:

Stage	Description
<u>Engaged</u>	<ul style="list-style-type: none">PIE Solutions were engaged by Council in February 2022 to assist with the preparation of an LGIP amendment. As part of the engagement, PIE Solutions were required to undertake a compliance check of the proposed LGIP amendment.
<u>Review</u>	<ul style="list-style-type: none">PIE Solutions was requested to undertake a compliance check of the proposed LGIP amendment on 14 November 2024.PIE Solutions commenced the compliance check in November 2024.On 3 December 2024, Council requested an additional road item to be included in the LGIP.
<u>Written statement</u>	<ul style="list-style-type: none">PIE Solutions finalised the compliance check on 20 February 2025.

The following local government personnel were involved in the compliance check:

Name	Title	Date of discussion (s)	Scope of discussion
Liam Saxby	Strategic Planning Officer	Numerous meetings during preparation of the LGIP amendment and during the compliance check.	<ul style="list-style-type: none">All aspects of the LGIP amendment were discussed.Public Parks and land for community facilities aspects of the LGIP amendment were discussed.
Melissa Warwick	Principal Strategic Planner	Numerous meetings during preparation of the LGIP amendment and during the compliance check.	<ul style="list-style-type: none">All aspects of the LGIP amendment were discussed.
Sean Fallis	Manager Engineering Services	Numerous meetings during preparation of the LGIP amendment and during the compliance check.	<ul style="list-style-type: none">All aspects of the LGIP amendment were discussed.
Chris Wright	Infrastructure Planning Engineer	Numerous meetings during preparation of the LGIP amendment.	<ul style="list-style-type: none">Water supply and sewerage aspects of the LGIP amendment were discussed.
Jake Taylor	Principal Transport Engineer	Numerous meetings during preparation of the LGIP amendment.	<ul style="list-style-type: none">Transport aspects of the LGIP amendment were discussed.
Matthew Wilson	Asset Engineer	Numerous meetings during preparation of the LGIP amendment.	<ul style="list-style-type: none">Preparation of the existing trunk infrastructure information and asset values were discussed.

Compliance check methodology

As stated in the Ministers Guidelines and Rules, PIE Solutions must comply with the fundamental ethical principles of integrity, objectivity, professional competence, due care and professional behaviour when undertaking the compliance check, and must—

- consider whether the proposed LGIP amendment complies with and addresses the requirements of Part 6 of the Ministers Guidelines and Rules;
- consider whether the proposed LGIP amendment is consistent with the regulated requirements;
- evaluate whether each requirement in the Review checklist has been complied with; and
- complete the Review checklist.

Compliance check findings

PIE Solutions compliance check found that the format and content of the LGIP amendment complies with the LGIP template, LGIP checklist and Ministers Guidelines and Rules. A copy of the completed LGIP Review Checklist has been included as **Appendix A**.

The Council have undertaken consultation with the relevant state agency responsible for transport matters. This is confirmed by an email provided by a representative of the Department of Transport and Main Roads (TMR) dated 11 November 2024. Council has altered the proposed LGIP amendment to accommodate the TMR recommendations where practical. The response to the TMR comments is considered satisfactory.

Conclusions

The LGIP amendment complies with:

- The LGIP template and the requirements of the Ministers Guidelines and Rules. This includes the structure and content of the LGIP document including the planning and demand assumptions, priority infrastructure area, desired standards of service, plans for trunk infrastructure, and schedules of work; and
- The Ministers Guidelines and Rules – in relation to the process for preparing the LGIP.

Recommendations

PIE Solutions recommends to Council that the LGIP amendment should proceed unchanged.

Recommended conditions to be imposed

There are no conditions to be imposed.

Appendix A – Completed LGIP Review Checklist

LGIP review checklist – Livingstone Shire Council, Review of Draft Local Government Infrastructure Plan Version 2 (LGIP V2) – To Accompany an LGIP Amendment
Approved form MGR5.1 under the Planning Act 2016

Review principles: <ul style="list-style-type: none"> A reference in the checklist to the LGIP is taken to include a relevant reference to the <i>Planning Act 2016</i> and chapter 5 of the Minister's Guidelines and Rules. Terms in this checklist that are defined in the <i>Planning Act 2016</i> or the Minister's Guidelines and Rules. The checklist must not be taken to cover all requirements of the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules. Local governments must still have regard to the requirements as set out in the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules when preparing or amending an LGIP.									
Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
The LGIP is consistent with the legislation for LGIPs and the Minister's Guidelines and Rules	All	1.	The LGIP sections are ordered in accordance with the LGIP template.	Yes	The Draft LGIPV2 sections are ordered in a manner consistent with the LGIP template.	Yes	The LGIP sections are generally ordered according to the LGIP template, with the exception that the extrinsic material section has been relocated to a standalone section (Section 4.6) in the LGIP. This minor adjustment does not affect the useability or completeness of the LGIP.	N/A	The LGIP amendment may proceed.
		2.	The LGIP sections are correctly located in the planning scheme.	Yes	The Draft LGIPV2 sections are correctly located in Part 4 and Schedule 3 of the Livingstone Planning Scheme 2018.	Yes	The LGIP sections are correctly located in the Livingstone Planning Scheme 2018.	N/A	The LGIP amendment may proceed.
		3.	The content and text complies with the mandatory components of the LGIP template.	Yes	The content and text of the Draft LGIPV2 comply with mandatory components of the LGIP template.	Yes	The LGIP content and text complies with the mandatory components of the LGIP template.	N/A	The LGIP amendment may proceed.
		4.	Text references to numbered paragraphs, tables and maps are correct.	Yes	Text references to numbered paragraphs, tables and maps are correct.	Yes	Text references to numbered paragraphs, tables and maps are correct.	N/A	The LGIP amendment may proceed.
	Definitions	5.	Additional definitions do not conflict with statutory requirements.	Yes	There are no conflicts with statutory requirements.	Yes	No additional definitions are proposed that conflict with statutory requirements.	N/A	The LGIP amendment may proceed.
	Preliminary section	6.	The drafting of the Preliminary section is consistent with the LGIP template.	Yes	There are no conflicts with the LGIP template.	Yes	The preliminary section is generally consistent with the LGIP template, with one exception: instead of the template's 'Editor's note – Extrinsic material,' the LGIP references a new Section 4.6 to better reference the extrinsic materials used in its preparation. This minor adjustment does not alter the useability or completeness of the LGIP.	N/A	The LGIP amendment may proceed.
		7.	All five trunk networks are included in the LGIP. (If not, which of the networks are excluded and why have they been excluded?)	No	A review of the current LGIPV1 identified that a more robust body of work is needed to support the inclusion of plans for trunk infrastructure for the stormwater network. Many currently identified stormwater network items are natural drainage features which can be removed from the LGIP without detriment to the	No	The stormwater network has been excluded from the LGIP on the basis that Council has not undertaken sufficient work to identify whether the provision of shared (trunk) stormwater infrastructure is hydraulically feasible or financially viable.	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					<p>suitable functioning of the stormwater management system.</p> <p>Trunk infrastructure networks for Transport, Sewerage, Water Supply, and Parks and Land for Community Facilities are included in the Draft LGIPV2. A review of these networks highlighted that amendments to the Plans for Trunk Infrastructure and the Schedule of Work for the LGIP should be undertaken so that the LGIP remains accurate, current, and relevant.</p>		The existing stormwater network is almost entirely comprised of natural drainage features. Not having these features identified in the LGIP and under future LSC control will have little or nil impact on development. It is accepted that LSC needs to undertake further strategic planning before it can determine whether to plan for a comprehensive trunk stormwater network. The <i>Planning Act 2016</i> and <i>Ministers Guidelines and Rules</i> does not require all networks to be included in the LGIP. Sufficient basis has been provided to exclude the network from this LGIP amendment.		
	Planning assumptions - structure	8.	The drafting of the Planning assumptions section is consistent with the LGIP template.	Yes	The planning assumptions section of the Draft LGIPV2 is consistent with the LGIP template.	Yes	The planning assumptions section is consistent with the LGIP template, with the exception of a new clause that refers to the extrinsic material (Section 4.6) as providing further clarity on the methodology used to prepare the development projections and other assumptions. This minor adjustment does not alter the useability or completeness of the LGIP.	N/A	The LGIP amendment may proceed.
		9.	All the projection areas listed in the tables of projections are shown on the relevant maps and vice versa.	Yes	<p>The Draft LGIPV2 contains new Statistical Area Level 2 projection areas. This provides better alignment with State and Federal Government agencies for collecting data and making population projections.</p> <p>The new SA2 projection areas include the following: SA2 - Emu Park, SA2 – Glenlee – Rockyview, SA2 – Rockhampton Surrounds (East), SA2 – Rockhampton Surrounds (North), SA2 – Shoalwater Bay, and SA2 – Yeppoon.</p>	Yes	All the projections areas listed in the tables of projections are shown on the relevant maps and vice versa.	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					The Draft LGIPV2 contains new maps which show all projection areas along with planning scheme zones and PIA boundaries.				
		10.	All the service catchments listed in the tables of projected infrastructure demand are identified on the relevant plans for trunk infrastructure (PFTI) maps and vice versa.	Yes	<p>The Draft LGIPV2 identifies service catchments that are listed in tables of projected infrastructure demand in Schedule 3. The service catchments are also shown on plans for trunk infrastructure maps.</p> <p>Following review of the LGIP, it was identified that the current service catchments should be replaced by new service catchments. The new service catchments are more suitable due to alignment with recently undertaken infrastructure planning work.</p>	Yes	All the service catchments listed in the tables of projected infrastructure demand are identified on the relevant PFTI maps and vice versa.	N/A	The LGIP amendment may proceed.
	Planning assumptions - methodology	11.	The population and dwelling projections are based on those prepared by the Queensland Government Statistician (as available at the time of preparation) and refined to reflect development trends in the local government area.	Yes	<p>The Draft LGIPV2 uses population projections based on medium series population projections prepared by the Queensland Government Statisticians Office with a new base date of the year 2021.</p> <p>Dwelling projections have been updated with consideration given to the updated population projections and trends in the local government area. Consideration has been given to census information about dwelling mixture and household size in the local government area.</p> <p>Specific details are contained within the document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023.</p>	Yes	<p>The population projections are based on medium series population projections prepared by the Queensland Government Statisticians Office.</p> <p>Dwelling projections are based on updated population projections and trends in the local government area. Consideration has been given to census information about dwelling mixture and household size in the local government area.</p> <p>Specific details are provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i>.</p>	N/A	The LGIP amendment may proceed.
		12.	The employment and non-residential development projections align with the available economic development studies, other reports about employment or historical rates for the area.	Yes	The Draft LGIPV2 uses employment and non-residential development projections that have been updated after consideration of historical rates used for the current adopted LGIP, information from the Australian Bureau of Statistics and Queensland Government Statisticians Office, and information sourced from the Livingstone Shire	Yes	The employment and non-residential development projections have been prepared having regard to available economic development studies, other reports about employment or historical rates for the area.	N/A	The LGIP amendment may proceed.

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					Council Economic Profile as compiled by Informed Decisions. Specific details are contained within the document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023.		The projections align with these studies and reports. Specific details are provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i> .		
		13.	The developable area excludes all areas affected by absolute constraints such as steep slopes, conservation and flooding.	Yes	The Draft LGIPV2 was prepared after considering updated planning assumptions. Livingstone Shire Council prepared an updated Planning Assumptions Model (LSC PAM2021) to assist with ongoing infrastructure planning and the review of the current LGIPV1. Assumptions about 'developable area' are included in the LSC PAM2021 for each parcel in the local government area. The LSC PAM2021 takes into account constraints (including absolute constraints) identified in the Livingstone Planning Scheme 2018 and based on other information at hand. Details regarding the methodology used to determine 'developable area' are included in Section 4.3.2 Development Constraint Analysis and Assumptions as contained within the document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023.	Yes	The developable area excludes all areas affected by absolute constraints referenced in the planning scheme codes. This is confirmed by a footnote included in the LGIP. Specific details of the constraints are provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i> .	N/A	The LGIP amendment may proceed.
		14.	The planned densities reflect realistic levels and types of development having regard to the planning scheme provisions and current development trends.	Yes	The Draft LGIPV2 was prepared after considering updated planning assumptions. Livingstone Shire Council prepared an updated Planning Assumptions Model (LSC PAM2021) to assist with ongoing infrastructure planning and the review of the current LGIPV1. Planned development densities are realistic. The LSC PAM 2021 considered the content of the Livingstone Planning Scheme 2018, development approvals, and other historic and current development trends in the local government area. Details regarding 'planned densities' are included in Section 4.3.3 Development Density Analysis and Assumptions as	Yes	The planned densities stated in Table SC3.1.3 reflect realistic yields having regard to the planning scheme provisions and current development trends. These planned densities and yields have been used to prepare the planning assumptions. Specific details about the planned densities are provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i> .	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					contained within the document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023.				
		15.	The planned densities account for land required for local roads and other infrastructure.	Yes	<p>The Draft LGIPV2 was prepared after considering updated planning assumptions contained within the LSC PAM2021. The planned development densities included in the LSC PAM2021 were derived after accounting for land required for roads, stormwater management and parks.</p> <p>Details about the assumptions regarding land required for local roads and other infrastructure is contained in Section 4.3.2.2 of the document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023.</p>	Yes	<p>The planned densities stated in Table SC3.1.3 account for land required for local roads and other infrastructure and are considered suitable for calculating realistic yields.</p> <p>Specific details about the planned densities are provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i>.</p>	N/A	The LGIP amendment may proceed.
		16.	The population and employment projection tables identify "ultimate development" in accordance with the defined term.	Yes	The Draft LGIPV2 contains population and employment projections tables which identify 'ultimate development' in in accordance with the defined term.	Yes	<p>Ultimate development has been calculated having regard to the density of development that can be achieved using the relevant planning scheme provisions.</p> <p>Population and employment projections have been provided for ultimate development in accordance with the defined term stated in the Queensland Planning Provisions.</p>	N/A	The LGIP amendment may proceed.
		17.	Based on the information in the projection tables and other available material, it is possible to verify the remaining capacity to accommodate growth, for each projection area.	Yes	Information in the projection tables of the Draft LGIPV2 and other available material (including the Livingstone Shire Council Geographic Information System based PAM) enable verification of the remaining capacity to accommodate growth in each projection area over different time periods.	Yes	The remaining capacity within projection areas to accommodate growth beyond the 2036 planning horizon can be calculated using the projections of growth undertaken for ultimate development.	N/A	The LGIP amendment may proceed.
		18.	The determination of planning assumptions about the type, scale, timing and location of development, reflect an efficient, sequential pattern of development.	Yes	<p>Livingstone Shire Council prepared an updated Planning Assumptions Model (LSC PAM2021) to assist with ongoing infrastructure planning and the review of the current LGIPV1.</p> <p>Inputs into the LSC PAM2021 (particularly the assumptions about the type, scale, timing and location of development) are identified in the</p>	Yes	The planning assumptions identify future growth in areas that are in close proximity to existing urban development and infrastructure. This is more likely to result in an efficient and sequential pattern of growth. The type, scale, timing and location of	N/A	The LGIP amendment may proceed.

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					document titled Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023. The Planning Assumptions Report 2023 highlights that to reflect an efficient and sequential pattern of development, it was assumed that most forecast growth occurs within urban zones adopted in the current planning scheme in combination with premises that are the subject of development approvals within their currency period. It is reasonable to assume that growth occurs in accordance with the adopted planning scheme settlement pattern and at locations where infrastructure and services can predominantly be provided in a relatively efficient and cost-effective manner compared to other non-urban locations.		development is documented in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i> .		
		19.	The relevant state agency for transport matters and the distributor-retailer responsible for providing water and wastewater services for the area (if applicable), has been consulted in the preparation of the LGIP (What was the outcome of the consultation?)	Yes	The Department of Transport and Main Roads (DTMR) has been consulted during the preparation of the Draft LGIPV2: <ul style="list-style-type: none"> • 9 March 2023 and 16 May 2023 – LSC Principal Transport Engineer correspondence with DTMR (Translink) • 12 September 2024 – LSC Principal Transport Engineer and LSC Strategic Planning Officer correspondence with DTMR representatives regarding Draft PFTI for Transport Network • 11 October 2024 - Letter requesting that Department of Transport and Main Roads review and provide formal comment on LSC updated plans for trunk infrastructure • 11 November 2024 – Phone discussion between LSC Strategic Planning Officer and DTMR Fitzroy District Principal Engineer • 11 November 2024 – Email correspondence received from DTMR Fitzroy District Principal Engineer – preliminary review commentary • 11 November 2024 – Email correspondence received from DTMR Fitzroy District Director – review process acknowledgement. 	Yes	The Department of Transport and Main Roads (DTMR) has been consulted throughout the preparation of the LGIP, with multiple interactions between Council's Principal Transport Engineer and DTMR representatives in March, May, September, October, and November 2024. On 11 November 2024, DTMR provided preliminary review comments on the Draft LGIP via email. These comments resulted in Council making adjustments to the Transport Network Schedule of Works, particularly regarding references to 'potential state-funded projects' associated with the State-Controlled Road Network, which have not yet been committed to. While these changes have been incorporated, other comments raised in the	N/A	The LGIP amendment may proceed.

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					To date consultation has resulted in LSC making adjustments to the Transport Network PFTI Schedule of Works in relation to references to identified 'potential state funded projects' which are associated with the State Controlled Road Network, and which have not yet been committed to. LSC is committed to ongoing discussion and will aim to provide information to clarify some of the general LGIP and PIA boundary related queries received. LSC is committed to ongoing review and refinement of its planning assumptions and modelling.		email will not be actioned as part of this LGIP. Council has advised that some of the comments will be considered for inclusion in future LGIP updates. No distributor-retailers are relevant to this LGA.		
	Planning assumptions - demand	20.	The infrastructure demand projections are based on the projections of population and employment growth.	Yes	The Draft LGIPV2 contains updated infrastructure demand projections which are based on updated projections of population and employment growth.	Yes	The infrastructure demand projections have been calculated by converting projections of population and employment growth in the LGIP into demand using conversion rates. The conversion rates for each network are stated in the Extrinsic Material Reports.	N/A	The LGIP amendment may proceed.
		21.	The infrastructure units of demand align with those identified in the Minister's Guidelines and Rules, or where alternative demand units are used, their numerical relationship to the standard units of demand is identified and explained.	Yes	The Draft LGIPV2 contains updated infrastructure demand assumptions. The infrastructure demand assumptions are expressed in demand units that remain in alignment with the demand units identified in the Minister's Guidelines and Rules.	Yes	The infrastructure units of demand align with those outlined in the Minister's Guidelines and Rules, however an alternative unit of demand has been applied to the public parks and land for community facilities network. The chosen unit of demand unit provide a more accurate reflection of the planning methodology used to undertake planning for the public parks network. The proposed units of demand are clearly expressed, easily identifiable, and fully explained in the Trunk Infrastructure Network LGIP Extrinsic Material Reports.	N/A	The LGIP amendment may proceed.
		22.	The demand generation rates align with accepted rates and/or historical data.	Yes	The Draft LGIPV2 contains infrastructure demand generation rates which align with in-house data, and with accepted rates and/or historical data for the Livingstone Shire local government area	Yes	The demand generation rates have been prepared in consultation with Council's engineers and with reference to industry standards and historical	N/A	The LGIP amendment may proceed.

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					and other local government areas in Central Queensland.		data. This approach is considered acceptable. The demand generation rates are listed and explained in the LGIP Extrinsic Material Report for each network.		
		23.	The service catchments used for infrastructure demand projections are identified on relevant PFTI maps and demand tables.	Yes	The Draft LGIPV2 contains updated service catchments. The service catchments are identified on updated PFTI maps and in updated demand tables.	Yes	The service catchments used for infrastructure demand projections are identified on relevant PFTI maps and demand tables.	N/A	The LGIP amendment may proceed.
		24.	The service catchments for each network cover, at a minimum, the urban areas, and enable urban development costs to be compared.	Yes	The Draft LGIPV2 contains updated service catchments for the water supply network, the sewerage network, the transport network, and the network for parks and land for community infrastructure. The service catchments identified for each of these networks cover urban areas and the identified Priority Infrastructure Area. This enables development costs to be compared.	Yes	The service catchments within the LGIP enable urban development costs to be compared between urban (inside PIA) and non-urban (outside PIA) catchments.	N/A	The LGIP amendment may proceed.
		25.	The asset management plan (AMP) and Long Term Financial Forecast (LTFF) align with the LGIP projections of growth and demand. (If not, what process is underway to achieve this?)	Yes	Updated projections have been prepared and included within an updated SOW Financial Model. Information in the updated SOW Financial Model has been provided to Council's Corporate Finance Team to consider for its LTFF. Council's recent Budget and Long Term Financial Forecast have taken into account updated LGIP projected expenditure in its prioritised 10-year forward capital investment program, and has been aligned with LGIP projected revenue estimates and developer contributed assets. LSC Asset Management Plans are not currently aligned with the updated LGIP projections of growth and demand, however, any updated LGIP projections will be considered and aligned as part of the AMP review cycle.	Yes	Council has advised that whilst the Long Term Financial Forecast (LTFF) currently does not align with the LGIP projections, the projections have been provided to the Corporate Finance Team to consider as part of the next LTFF update. This is considered to be a suitable process to achieve consistency. Council have also advised that the LSC Asset Management Plan (AMP) is not currently aligned with the updated LGIP however the AMP will be updated to align with the LGIP projections of growth and demand. This will occur as part of the AMP review cycle. This is considered to be a suitable process to achieve consistency.	N/A	The LGIP amendment may proceed.
	Priority infrastructure area (PIA)	26.	The drafting of the PIA section is consistent with the LGIP template.	Yes	The Draft LGIPV2 contains a PIA section which has been drafted in a manner which is consistent with the LGIP template.	Yes	The drafting of the PIA section is consistent with the LGIP template.	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
		27.	Text references to PIA map(s) are correct.	Yes	The Draft LGIPV2 correctly references the updated PIA maps.	Yes	Text references to the PIA map are correct.	N/A	The LGIP amendment may proceed.
		28.	The PIA boundary shown on the PIA map is legible at a lot level and the planning scheme zoning is also shown on the map.	Yes	<p>The Draft LGIPV2 contains updated PIA maps.</p> <p>Updated maps consist of the following:</p> <ul style="list-style-type: none"> • Map PIA-01 Priority Infrastructure Area – Shire • Map PIA-02 Priority Infrastructure Area – Yeppoon and Surrounds • Map PIA-03 Priority Infrastructure Area – Emu Park and Surrounds <p>These maps identify an updated PIA boundary that is legible at a lot level. Planning scheme zones are shown along with projection areas.</p>	Yes	The PIA boundary shown on the PIA maps is legible at a lot level and the planning scheme zoning is also shown on the PIA maps.	N/A	The LGIP amendment may proceed.
		29.	The PIA includes all areas of existing urban development serviced by all relevant trunk infrastructure networks at the time the LGIP was prepared.	Yes	The Draft LGIPV2 contains an updated PIA. All areas of existing urban development that are serviced by all trunk infrastructure networks are included within the updated PIA.	Yes	The PIA includes all areas of existing urban development serviced by all relevant trunk infrastructure networks at the time the LGIP was prepared.	N/A	The LGIP amendment may proceed.
		30.	The PIA accommodates growth for at least 10 years but no more than 15 years.	Yes	<p>The Draft LGIPV2 contains an updated PIA.</p> <p>Livingstone Shire Council prepared an updated Planning Assumptions Model (LSC PAM2021) to assist with ongoing infrastructure planning and the review of the current LGIPV1. The LSC PAM2021 identifies areas that can accommodate growth for at least 10 years but no more than 15 years within the updated PIA.</p> <p>The Planning Assumptions Report 2023 provides further details of the growth numbers that can be accommodated within the updated PIA.</p>	Yes	Council has advised that the LSC PAM2021 was used to identify areas that can accommodate growth for at least 10 years but no more than 15 years within the updated PIA.	N/A	The LGIP amendment may proceed.
		31.	The PIA achieves an efficient, sequential pattern of development.	Yes	Livingstone Shire Council prepared an updated Planning Assumptions Model (LSC PAM2021) to assist with ongoing infrastructure planning and the review of the current LGIPV1. The LSC PAM2021 assumes that growth will be located in established urban or emerging urban areas (generally as per zones and strategic framework settlement pattern strategies) adopted in the Livingstone Planning Scheme 2018.	Yes	The PIA boundary has been adjusted to exclude Rural-zoned land, except where Development Permits for urban growth have been issued. This is consistent with the PIA definition in the Act. Additionally, the PIA has been adjusted to reflect growth in specific areas (e.g., Hidden Valley, Zilzie, and Taroomball). Each of	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					The updated PIA includes a large extent of the urban zones adopted in the planning scheme and achieves a relatively efficient and sequential pattern of development. The areas identified within the updated PIA provide opportunities for a mixture of housing types across a range of densities and the model suggests that 10 to 15 years of growth can be accommodated. The PIA is at locations where infrastructure and services can predominantly be provided in a relatively efficient and cost-effective manner.		these areas are extensions to the existing urban area and are likely to support an efficient, sequential development pattern. Discussion of the PIA is provided in the Extrinsic Material Report <i>Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023</i> .		
		32.	If there is an area outside the PIA that the planning assumptions show is needed for urban growth in the next 10 to 15 years, why has the area been excluded from the PIA?	Yes	Some areas outside the updated PIA have assumptions for growth (such as Rural Residential zoned areas). These areas are Rural Residential areas and for LGIP purposes are not considered to be urban. These areas will still realistically absorb a small percentage of dwelling and population growth until such time as they develop to their full capacity. Despite the likelihood of accommodating some future growth (non-urban), the Rural Residential zoned areas do not satisfy criteria for inclusion within the updated PIA and therefore they have been excluded. There remains sufficient area identified in the updated PIA to accommodate 10 to 15 years of urban growth, and therefore there is also no need to include the Rural Residential areas within the PIA.	Yes	There are no areas outside the PIA that the planning assumptions indicate are required for urban growth within the next 10 to 15 years. Council have identified that growth will occur in Rural Residential zoned areas, however this is not considered 'urban growth' under the Act and is therefore cannot be included inside the PIA.	N/A	The LGIP amendment may proceed.
	Desired standards of service (DSS)	33.	The drafting of the DSS section is consistent with the LGIP template.	Yes	The Draft LGIPV2 contains a DSS section which is consistent with the LGIP template.	Yes	The DSS section is generally consistent with the LGIP template, with an added reference to extrinsic material (Section 4.6) to provide further details on the service standards used. This minor change does not impact the useability of this section of the LGIP template.	N/A	The LGIP amendment may proceed.
		34.	The DSS section states the key planning and design standards for each network.	Yes	The Draft LGIPV2 contains a DSS section which contains key statements about the planning and design standards for each infrastructure network that is proposed for retention (Water Supply,	Yes	The DSS section states the key planning and design standards for each network.	N/A	The LGIP amendment may proceed.

Review principles: <ul style="list-style-type: none"> • A reference in the checklist to the LGIP is taken to include a relevant reference to the <i>Planning Act 2016</i> and chapter 5 of the Minister's Guidelines and Rules. • Terms in this checklist that are defined in the <i>Planning Act 2016</i> or the Minister's Guidelines and Rules. The checklist must not be taken to cover all requirements of the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules. Local governments must still have regard to the requirements as set out in the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules when preparing or amending an LGIP.									
Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					Sewerage, Transport, and Parks and Land for Community Infrastructure). It should be noted that changes proposed because of the LGIPV1 review involve removal of the stormwater network from the LGIP until such time as more detailed work can be undertaken to support inclusion of plans for trunk infrastructure for the stormwater network.				
		35.	The DSS reflects the key, high level industry standards, regulations and codes, and planning scheme policies about infrastructure.	Yes	The Draft LGIPV2 contains a DSS section which reflects key high level standards, regulations and codes, and planning scheme policies about infrastructure in the local government area.	Yes	The DSS reflects the key, high level industry standards, regulations and codes, and planning scheme policies about infrastructure.	N/A	The LGIP amendment may proceed.
		36.	There is alignment between the relevant levels of service stated in the local government's AMP and the LGIP. (If not, what process is underway to achieve this?)	Yes	The Draft LGIPV2 contains updated DSS. Despite updates to the DSS, the amendments are minor and do not result in significantly different service standards stated in the current LGIPV1. Consequently, the levels of service stated in the Livingstone Shire Council AMPs remain in close alignment with DSS in the Draft LGIPV2.	Yes	Council has advised that the DSS in the LGIP differ slightly from those in the AMP. However, the changes are considered minor and do not result in significant variations to the service levels. As such, the levels of service in the AMP remain closely aligned with those in the LGIP. This is considered acceptable.	N/A	The LGIP amendment may proceed.
	Plans for trunk infrastructure (PFTI) – structure and text	37.	The drafting of the PFTI section is consistent with the LGIP template.	Yes	The Draft LGIPV2 contains a PFTI section which is consistent with the LGIP template.	Yes	The PFTI section is generally consistent with the LGIP template, with the exception that the extrinsic material section has been relocated to a standalone section (Section 4.6) in the LGIP. This minor adjustment does not affect the useability of the LGIP.	N/A	The LGIP amendment may proceed.
		38.	PFTI maps are identified for all networks listed in the Preliminary section.	Yes	The Draft LGIPV2 contains PFTI maps associated with all networks listed in the Preliminary section.	Yes	PFTI maps are identified for all networks listed in the Preliminary section.	N/A	The LGIP amendment may proceed.
		39.	PFTI schedule of works summary tables for future infrastructure are included for all networks listed in the Preliminary section.	Yes	The Draft LGIPV2 contains PFTI schedule of works summary tables for future infrastructure and they are included for all networks in the preliminary section of the LGIP.	Yes	PFTI schedule of works summary tables for future infrastructure are included for all networks listed in the Preliminary section.	N/A	The LGIP amendment may proceed.
	PFTI – Maps <i>[Add rows to the checklist to</i>	40.	The maps clearly differentiate between existing and future trunk infrastructure networks.	Yes	The Draft LGIPV2 contains PFTI maps which clearly differentiate between existing and future trunk networks.	Yes	The maps clearly differentiate between existing and future trunk infrastructure networks.	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
	<i>address these items for each of the networks]</i>	41.	The service catchments referenced in the schedule of works (SOW) model and infrastructure demand summary tables are shown clearly on the maps.	Yes	The Draft LGIPV2 contains maps which clearly show the service catchments which are referenced in the updated Schedule of Works Model and in the infrastructure demand summary tables.	Yes	The service catchments referenced in the infrastructure demand summary tables are clearly shown on the maps. The Schedule of Works (SOW) model has aggregated the demands from these service catchments to create a single urban catchment for each network. This continues to allow the average service cost to be calculated for urban areas, as specified in item 24 without having to undertake difficult cost apportionment of infrastructure items between catchments. This minor adjustment does not impact the functionality of the SoW model (calculation of an average service cost) and is considered acceptable.	N/A	The LGIP amendment may proceed.
		42.	Future trunk infrastructure components are identified (at summary project level) clearly on the maps including a legible map reference.	Yes	The Draft LGIPV2 contains maps which clearly show the different components of the identified Future Trunk Infrastructure. There are legible map references.	Yes	Future trunk infrastructure components are identified clearly on the maps including a legible map reference.	N/A	The LGIP amendment may proceed.
		43.	The infrastructure map reference is shown in the SOW model and summary schedule of works table in the LGIP.	Yes	The Draft LGIPV2 contains infrastructure map references which are shown in the updated SOW Model and in the summary schedule of works tables.	Yes	The infrastructure map reference is shown in the SOW model and summary schedule of works table in the LGIP.	N/A	The LGIP amendment may proceed.
	Schedules of works <i>[Add rows to the checklist to address these items for each of the networks]</i>	44.	The schedule of works tables in the LGIP comply with the LGIP template.	Yes	The Draft LGIPV2 contains updated schedule of works tables. The tables contain map references, trunk infrastructure, estimates of timing, and estimates of establishment cost. The updated SOW tables are compliant with the LGIP template.	Yes	The schedule of works tables in the LGIP comply with the LGIP template.	N/A	The LGIP amendment may proceed.
		45.	The identified trunk infrastructure is consistent with the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules.	Yes	The Draft LGIPV2 identifies trunk infrastructure which is consistent with the <i>Planning Act 2016</i> and the Minister's Guidelines and Rules. With regard to the Minister's Guidelines and Rules, consideration was given to Schedule 6 which provides an indicative list of potential trunk infrastructure.	Yes	The identified trunk infrastructure is consistent with the <i>Planning Act 2016</i> and the <i>Minister's Guidelines and Rules</i> .	N/A	The LGIP amendment may proceed.
		46.	The existing and future trunk infrastructure identified in the	Yes	The Draft LGIPV2 identifies existing and future trunk infrastructure which is	Yes	Existing and future trunk infrastructure identified in	N/A	The LGIP amendment may proceed.

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Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
			LGIP is adequate to service at least the area of the PIA.		adequate to service, at a minimum, the area of the updated PIA.		the LGIP is adequate to service the PIA.		
		47.	Future urban areas outside the PIA and the demand that will be generated at ultimate development for the relevant network catchments have been considered when determining the trunk infrastructure included in the SOW model.	Yes	LGIP review work considered the ultimate development (and associated infrastructure demand) which could occur on parcels located in future urban areas (as identified in the Livingstone Planning Scheme 2018v3) despite being located outside the current and potential updated PIA boundary.	Yes	Future urban areas outside the PIA and the demand that will be generated at ultimate development for the relevant network catchments have been considered when determining the trunk infrastructure included in the SOW model.	N/A	The LGIP amendment may proceed.
		48.	There is alignment of the scope, estimated cost and planned timing of proposed trunk capital works contained in the SOW model and the relevant inputs of the AMP and LTFF. (If not, what process is underway to achieve this?)	Yes	An updated SOW Financial Model has been provided to Council's Corporate Finance Team to consider for its LTFF. Council's recent Budget and Long Term Financial Forecast have taken into account updated LGIP projected expenditure in its prioritised 10-year forward capital investment program, and has been aligned with LGIP projected revenue estimates and developer contributed assets. Any updated assumptions about trunk infrastructure items and estimates of costs and timing will be considered as part of the AMP review cycle and aligned as part of this process.	Yes	Council has advised that the recent Budget and Long-Term Financial Forecast (LTFF) has incorporated updated LGIP projected expenditure, aligned with the prioritised 10-year forward capital investment program, as well as projected revenue estimates and developer-contributed assets. Council has also advised that the updated assumptions regarding trunk infrastructure items, including cost estimates and timing in the LGIP will be reviewed as part of the AMP review cycle and aligned accordingly.	N/A	The LGIP amendment may proceed.
		49.	The cost of trunk infrastructure identified in the SOW model and schedule of work tables is consistent with legislative requirements.	Yes	An updated SOW Model has been prepared and the cost of trunk infrastructure identified in the updated SOW model and schedule of work tables is consistent with legislative requirements.	Yes	The infrastructure identified in the SOW has been costed consistent with methodologies stated in the <i>Minister's Guidelines and Rules</i> . On-cost and contingency allowances are generally consistent with the recommended rates in the <i>Minister's Guidelines and Rules</i> .	N/A	The LGIP amendment may proceed.
	SOW model	50.	The submitted SOW model is consistent with the SOW model included in the Minister's Guidelines and Rules.	Yes	Council engaged the services of PIE Solutions Pty Ltd to assist Council with preparing an updated SOW Financial Model. PIE Solutions Pty Ltd are listed	Yes	The SOW model used has been approved by the State Government and retains the same functionality as the	N/A	The LGIP amendment may proceed.

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LGIP outcome	LGIP component	Number	Requirement	Requirement met (yes/no)	Local government comments	Compliant (yes/no)	Justification	Corrective action description	Recommendation
					<p>on the Queensland Department of State Development, Infrastructure, Local Government and Planning's (DSDILGP) panel of pre-approved LGIP reviewers. Although the model is an alternative to the State Government template model, Livingstone Shire Council believes it contains all the necessary components required for LGIP purposes and satisfies the requirements of the Minister's Guidelines and Rules. The PIE Solutions SOW Financial Model essentially performs the same function as the Standard SOW Model template.</p> <p>The updated SOW Model includes key information including but not limited to the following: Escalation Indices; Model Criteria; Projections and Charge Rates; Demand Forecasts; Existing Trunk Infrastructure Asset Information, Specifications and Valuations; Future Trunk Infrastructure Schedule of Work with Asset Descriptions, Delivery Methods, and Estimates of Timing and Cost; Servicing Costs; Infrastructure Charge Revenue Forecasts; and a Detailed Cashflow breakdown.</p> <p>Note: An Extrinsic Material Report for the Schedule of Works Model outlines the methodology for the SOW Model.</p>		model provided by the State Government in the <i>Minister's Guidelines and Rules</i> .		
		51.	The SOW model has been prepared and populated consistent with the Minister's Guidelines and Rules.	Yes	Refer response to checklist item number 50.	Yes	Inputs to the SOW model are detailed in the SOW Extrinsic Material Report and are consistent with the requirements outlined in the <i>Minister's Guidelines and Rules</i> .	N/A	The LGIP amendment may proceed.
		52.	Project owner's cost and contingency values in the SOW model do not exceed the ranges outlined in the Minister's Guidelines and Rules.	Yes	<p>Project owner's cost and contingency values in the updated SOW Model do not exceed ranges outlined in the Minister's Guidelines and Rules.</p> <p>The updated SOW Model applies a contingency of 30% for the sewerage network, water supply network, and transport network, and a contingency of 15% for the network of parks and land for community facilities. These contingencies do not exceed the maximum percentages stated in the</p>	Yes	<p>Project owner's cost and contingency values in the SOW model do not exceed the ranges outlined in the <i>Minister's Guidelines and Rules</i>.</p> <p>The contingency values included in the LGIP are reflective of the long-term delivery timeframes for the SOW model and align with the ranges provided in the</p>	N/A	The LGIP amendment may proceed.

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					Minister's Guidelines and Rules (Version 1.1, page 80 regarding the options for alternative contingencies based on the project phase – 'project identification'. The updated SOW Model applies a project owners cost of 20% for the sewerage network, water supply network, and transport network, and a 10% for the network of parks and land for community facilities. These works-on cost contingencies also do not exceed the maximum percentages stated in the Minister's Guidelines and Rules (Version 1.1, page 80) regarding the options for 'project owners cost'		<i>Minister's Guidelines and Rules.</i> Background information/justification on the project owner's costs and contingency values used can be found in the Trunk Infrastructure Network LGIP Extrinsic Material Reports.		
		53.	Infrastructure items included in the SOW model, SOW tables and the PFTI maps are consistent.	Yes	Updated infrastructure items included in the SOW model, SOW tables and the PFTI maps are consistent.	Yes	Infrastructure items included in the SOW model, SOW tables and the PFTI maps are consistent.	N/A	The LGIP amendment may proceed.
	Extrinsic material	54.	All relevant material including background studies, reports and supporting information that informed the preparation of the proposed LGIP is available and identified in the list of extrinsic material.	Yes	A table of extrinsic material is included in the Draft LGIPV2 The table of extrinsic material identifies reports that have been prepared to assist in the interpretation of Draft LGIPV2. The extrinsic documents include the following: <ul style="list-style-type: none"> • Extrinsic Material Report – Planning Assumptions; • Extrinsic Material Report – Water Supply Network; • Extrinsic Material Report – Sewerage Network; • Extrinsic Material Report – Transport Network; • Extrinsic Material Report – Public Parks and Land for Community Facilities Network; and • Extrinsic Material Report – Schedule of Works Model. 	Yes	All relevant material including background studies, reports and supporting information that informed the preparation of the LGIP is available and identified in the list of extrinsic material.	N/A	The LGIP amendment may proceed.
		55.	The extrinsic material explains the methodology and inter-relationships between the components and assumptions of the LGIP.	Yes	Extrinsic material reports summarise the methodology and interrelationships between the components and assumptions of the LGIP.	Yes	Extrinsic material reports have been prepared for Planning Assumptions and all infrastructure networks. These reports detail how inputs to the LGIP were prepared.	N/A	The LGIP amendment may proceed.