

Appendix D – LGIP Checklist – Noosa Shire Council

Appendix D is part of Statutory Guideline 03/14 – Local government infrastructure plans

Review principles:									
<ul style="list-style-type: none"> A reference in the checklist to the LGIP Template is taken to include a relevant reference to the SPA, statutory guideline for LGIPs, statutory guideline for MALPI or the Queensland Planning Provisions (QPP). Compliance requirements are not limited to the requirements listed in the checklist. 									
Local government infrastructure plan (LGIP) checklist				To be completed by local government		To be completed by appointed reviewer			
LGIP guideline 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 and statutory guideline for LGIPs	All	1.	The LGIP sections are ordered in accordance with the LGIP template.	Yes	The Statutory Guideline 03/14 Appendix A states: <i>“Amendments may be made to make it consistent with the local government’s existing planning scheme structure and numbering, if it has not yet adopted a Queensland Planning Provisions compliant planning scheme.”</i> This LGIP is to replace the current PIP in Part 15 of the current Noosa Plan being an IPA based Planning Scheme. A new planning scheme is currently under preparation for which a new LGIP will ultimately form Part 4 of that new scheme when completed.	Yes	The sections are consistent with the LGIP guideline template.	No action required.	Complies
		2.	The LGIP sections are correctly located in the planning scheme.	Yes	The LGIP document forms Part 15 with the Local government infrastructure plan mapping and tables forming a new Schedule 9 to fit with the current IPA based planning scheme. Refer also to item 1 comment above.	Yes	The sections are consistent with the LGIP guideline template. Council will update the location of the LGIP with the new planning scheme.	No action required.	Complies – review underway.
		3.	The content and text complies with the mandatory components of the LGIP template.	Yes	LGIP template used	Yes	The LGIP contains all mandatory content.	No action required.	Complies
		4.	Text references to numbered paragraphs, tables and maps are correct.	Yes	References checked	Yes	The LGIP correctly references tables and maps.	No action required.	Complies
	Definitions	5.	Additional definitions (to those in the QPP) do not conflict with statutory requirements.	Yes	As the Noosa Plan is an IPA based planning scheme, 1 additional definition is included to define a “LGIP” as replacement for the current “PIP”.	Yes	The additional definition is consistent with QPP.	No action required.	Complies

Preliminary section	6.	The drafting of the Preliminary section is consistent with the LGIP template.	Yes	LGIP template used. One additional statement is included in relation to the Distributer-retailer arrangements as consulted with DILGP on 16/02/2016. <i>(Amended Section 15.1 (3) (b) - Inserted the year 2031 that was accidentally omitted as advised by the Department)</i>	Yes	The preliminary section is consistent with the template.	No action required.	Complies
	7.	All five trunk networks included in the LGIP. If not, which networks are excluded? Why have these networks been excluded?	No	Only 3 trunk networks for Stormwater, Transport & Public Parks & LCF networks managed by Council <u>are</u> required & included. Water Supply and Sewerage networks are <u>not</u> included as they are managed by Unitywater and are the subject of their Netserv Plan. Refer also to item 6 comment above.	Yes	The exclusion of water and sewer is consistent with the distributor-retailer arrangements.	No action required.	Complies
Planning assumptions - structure	8.	The drafting of the Planning assumptions section is consistent with the LGIP template.	Yes (generally)	The majority of assumption tables match the LGIP template with the exception of the "Planned density" and "Planned demand generation rate for a trunk infrastructure network" which differ slightly to the LGIP template in order to match the actual planning undertaken. <i>(Refer Extrinsic material: Ext.04 & Ext.11)</i>	Yes	The planning assumptions section is consistent with the template except for the planned density table, which has been split into two to provide more comprehensive information.	No action required.	Complies
	9.	All the projection areas listed in the tables of projections are shown on the relevant maps and vice versa.	Yes	All projection areas listed in the tables of projections are shown on the Map: LGIP-PIA in Schedule 9.3 - Local government infrastructure plan maps.	Yes	The projections areas are shown on a map.	No action required.	Complies
	10.	All the service catchments listed in the tables of projected infrastructure demand are identified on the relevant PFTI maps and vice versa.	Yes	The service catchments are detailed in both the projected demand tables & PFTI maps as: <ul style="list-style-type: none"> Stormwater network = 10 x PIA catchments Transport network = <i>Amended to 9 catchments per the planning scheme localities (in accordance with the Minister's conditions of approval dated 2 March 2018)</i> Public Parks & LCF network = 9 catchments per the planning scheme localities. <i>(Refer Extrinsic material: Ext.08, 09, 10 & 11)</i>	Yes	The service catchments are shown on the relevant PFTI map series.	No action required.	Complies

Planning assumptions - methodology	11.	The population and dwelling projections reflect those prepared by the Qld Government Statistician (as available at the time of preparation).	Yes	The planning assumptions and projections were undertaken in participation with Unitywater through their DMaTT model and aligned with the “residential” population and dwelling forecasts prepared by the Queensland Government Statistician. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	The total populations are consistent with the QGSO medium series as detailed in Queensland Government population projections, 2015 edition and 2016 ABS census data.	No action required.	Complies
	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 planning assumptions and projections were undertaken in participation with Unitywater through their DMaTT model. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	Employment projections are consistent with ABS census proportions.	No action required.	Complies
	13.	The developable area excludes all areas affected by absolute constraints such as steep slopes, conservation and flooding.	Yes	The developable area is contained within the PIA and consistent with the urban type land use zones of the planning scheme. Further constraints are accounted for in the Unitywater DMaTT model. <i>(Refer Extrinsic material: Ext.04 & briefing notes & Ext.11)</i>		Flooding constraints are removed as stated in the planning assumption methodology extrinsic material document.	No action required.	Complies
	14.	The planned densities reflect realistic levels and types of development having regard to the planning scheme provisions and current development trends.	Yes	Is consistent with the planning scheme as detailed in the Unitywater DMaTT model. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	Densities are consistent with the anticipated uses in accordance with the Planning Scheme	No action required.	Complies
	15.	The planned densities account for land required for local roads and other infrastructure.	Yes	Is consistent with the planning scheme as detailed in the Unitywater DMaTT model. Land for roads and other infrastructure are excluded. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	Densities are consistent with the anticipated uses in accordance with the Planning Scheme allowing for local infrastructure footprints.	No action required.	Complies
	16.	The population and employment projection tables identify “ultimate development” in accordance with the QPP definition.	Yes	Ultimate development is clearly detailed in all the projection tables per the required definition. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	Ultimate capacity is stated in planning assumptions.	No action required.	Complies
	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	The values for “ultimate” projections are greater than the values for the planning horizon for each projection area demonstrating spare capacity. A simple differential calculation between the projection years will reveal the remaining capacities available to accommodate growth.	Yes	The difference between the Ultimate and 2031 projections provide an indication of available capacity in each projection area.	No action required.	Complies

		18.	The planning assumptions reflect an efficient, sequential pattern of development.	Yes	The PIA covers the land zoned for urban development in accordance with the planning scheme and the Unitywater DMaTT model. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i>	Yes	The planning assumptions are based on the infrastructure priorities and development propensity derived in DMaTT.	No action required.	Complies
		19.	Has the Department of Transport and main Roads or any relevant distributor-retailer been consulted in the preparation of the LGIP? What was the outcome of the consultation?	Yes	<p>Unitywater (<i>distributor-retailer</i>) has been directly involved in detailing the planning assumptions through their DMaTT model. <i>(Refer Extrinsic material: Ext.04 & briefing notes)</i></p> <p>The Department of Transport and Main Roads have been consulted over many years in relation to the Transport network “trunk” projects identified in the current PIP and this draft LGIP. In particular, a Demanding Agreement signed by the State Government through the Department and Noosa Council specifically applies to the Tewanin by-pass for the specific Road Project ID: R-17. It is understood that this and two other Road Projects are under various stages of assessment by the Department. Similarly, the Bus stop upgrade program is also subject to a funding agreement between the Department and Council. The draft LGIP PFTI & Schedule of Works for the Transport network was forwarded to the Department on 8 August 2017 with reply received on 21 September 2017 with no issues raised. <i>(Refer Extrinsic material: Ext.10 & Ext.12)</i> <i>(Amendments made to Transport network in accordance with the Minister’s conditions of approval dated 2 March 2018)</i></p>	Yes	Evidence of consultation has been provided.	No action required.	Complies

Planning assumptions - demand	20.	The infrastructure demand projections are based on the projections of population and employment growth.	Yes	The demand assumptions have been established on the following: <ul style="list-style-type: none"> • Stormwater network is based on the developable lot areas in accordance with the development planning assumptions for dwellings and gfa projections. • Transport network is based on trip generation rates applying to the development planning assumptions for dwellings and gfa projections. • Public Parks & LCF is based on the planning assumptions for resident population. <i>(Refer Extrinsic material: Ext.11)</i>	Yes	The demand for all networks have been developed from the planning assumptions.	No action required.	Complies
	21.	The demand generation rates align with accepted rates and/or historical data.	Yes	The demand generation rates are consistent with industry standards i.e. <ul style="list-style-type: none"> • Stormwater is based on impervious area allowable under the planning scheme zones & is similar to QUDM. • Transport is based on averaged RTA data. • Public Parks & LCF is based on resident population. <i>(Refer Extrinsic material: Ext.11)</i>	Yes	The demand generation rates are consistent with the guideline, except for Parks and Land for Community Facilities which is in population which is considered appropriate when compared with industry standards. The ha/1000 standard is stated in Table 15.9 of the LGIP and is therefore available.	No action required.	Complies
	22.	The service catchments used for infrastructure demand projections are identified on relevant PFTI maps and demand tables.	Yes	The service catchments in the infrastructure demand projection tables are also identified on the corresponding PFTI maps <i>(Amendments made to the Transport network in accordance with the Minister's conditions of approval dated 2 March 2018)</i>	Yes	The service catchments are shown on each networks' maps, and these catchments are consistent with the demand tables.	No action required.	Complies
	23.	The service catchments for each network cover, at a minimum, the PIA.	Yes	All service catchments include the PIA. <i>(Refer Extrinsic material: Ext.08, 09, 10 & 11)</i>	Yes	The service catchments cover the PIA.	No action required.	Complies
	24.	The Asset Management Plan and Long Term Financial Forecast align with the LGIP projections of growth and demand. If not, is there a process underway to achieve this?	Yes (Partly)	Noosa Council only recently de-amalgamated from the Sunshine Coast Regional Council in 2014. As such, alignment currently meets Council's 5 year plans but work is underway for developing 10 year & longer term plans. <i>(Refer Extrinsic material: Ext.14)</i>	Yes	Council has undertaken to develop longer term plans including LTFF and AMPs.	No action required.	Complies – process underway
	25.	The drafting of the PIA section is consistent with the LGIP template.	Yes	The LGIP template has been used.	Yes	The section is consistent with the LGIP guideline template.	No action required.	Complies
Priority infrastructure area (PIA)								

		26.	Text references to PIA map(s) are correct.	Yes	The PIA Map is titled "LGIP-PIA" which is referenced as such in the LGIP document.	Yes	The references are correct.	No action required.	Complies
		27.	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	As shown on the PIA maps.	Yes	The PIA boundary is legible at the lot level, on a base of the planning scheme zones.	No action required.	Complies
		28.	The PIA includes all areas of existing urban development serviced by all relevant trunk infrastructure networks at the time the LGIP was prepared.	Yes	Urban development is contained within the PIA & all infrastructure network service catchments contain the PIA as a minimum.	Yes	The PIA boundary is legible at the lot level, on a base of the planning scheme zones.	No action required.	Complies
		29.	The PIA accommodates growth for at least 10 years but no more than 15 years.	Yes	The planning assumption tables demonstrate the PIA accommodates growth up to 2031.	Yes	The planning assumptions show there is capacity in the PIA to 2031 allowing for 10-15 years' growth.	No action required.	Complies
		30.	Are there areas outside the PIA for which the planning assumptions identify urban growth within the next 10 to 15 years? If so, why have these areas been excluded from the PIA?	Predominantly No	A minor amount of growth relates to rural type service industries with existing use rights/approvals. However this is insignificant in the overall total and their locations do not fulfil requirements for inclusion into the PIA.	Yes	There is no significant urban growth identified outside the PIA.	No action required.	Complies
		31.	The PIA achieves an efficient, sequential pattern of development.	Yes	The PIA captures the primary urban growth areas that is to be supported by infrastructure planning.	Yes	Provision of infrastructure within the PIA achieves an efficient pattern of development.	No action required.	Complies
	Desired standards of service (DSS)	32.	The drafting of the DSS section is consistent with the LGIP template.	Yes	The DSS has been drafted consistent with the template.	Yes	The section is consistent with the LGIP guideline template.	No action required.	Complies
		33.	The DSS section states the key planning and design standards for each network.	Yes	The DSS section contains planning and design criteria for each network. It also remains consistent with the current PIP previously approved by the State.	Yes	The DSS section outlines the key planning and design standards.	No action required.	Complies
		34.	The DSS reflects the key, high level industry standards, regulatory and statutory guidelines and codes, and planning scheme policies about infrastructure.	Yes	The DSS are consistent with industry standards for each infrastructure network. It also remains consistent with the current PIP previously approved by the State.	Yes	The DSS are consistent with industry standards.	No action required.	Complies
		35.	There is alignment between the relevant levels of service stated in the local government's Long Term Asset Management Plan (LTAMP) and the LGIP. If not, is there a process underway to achieve this?	Yes (Partly)	Noosa Council has only recently de-amalgamated from the Sunshine Coast Regional Council in 2014. As such, alignment currently meets Council's 5 year plan but work is underway for developing 10 year & longer term plans. (Refer Extrinsic material: Ext.14)	Yes	Council has undertaken to long term LTFF and AMPs.	No action required.	Complies – process underway
	Plans for trunk infrastructure (PFTI) –	36.	The drafting of the PFTI section is consistent with the LGIP template.	Yes	The LGIP template has been used.	Yes	The section is consistent with the LGIP guideline template.	No action required.	Complies

structure and text	37.	PFTI maps are identified for all networks listed in the Preliminary section.	Yes	PFTI maps have been prepared for the infrastructure networks controlled by Council as detailed in the preliminary section i.e. <ul style="list-style-type: none"> • Stormwater network; • Transport network; & • Public Parks & LCF network <i>(Amendments made to the Transport network in accordance with the Minister's conditions of approval dated 2 March 2018).</i>	Yes	Mapping exists for all networks.	No action required.	Complies
	38.	PFTI schedule of works summary tables for future infrastructure are included for all networks listed in the Preliminary section.	Yes	PFTI schedule of works tables have been prepared for the infrastructure networks controlled by Council as detailed in the preliminary section i.e. <ul style="list-style-type: none"> • Stormwater network; • Transport network; & • Public Parks & LCF network <i>(Amendments made in accordance with the Minister's conditions of approval dated 2 March 2018)</i>	Yes	The section includes schedules of work for each network.	No action required.	Complies
PFTI – Maps <i>[Add rows to the checklist to address these items for each of the networks]</i>	39.	The maps clearly identify the existing and future trunk infrastructure networks distinct from each other.	Yes	The PFTI maps clearly distinguish the existing trunk network elements from the future trunk network elements.	Yes	Mapping exists for all future and existing networks.	No action required.	Complies
	40.	The service catchments referenced in the SOW model and infrastructure demand summary tables are shown clearly on the maps.	Yes	The service catchments are clearly shown on the maps and referenced in the SOW model i.e. <ul style="list-style-type: none"> • Stormwater = PIA catchments; • Transport = <i>Amended to Planning scheme locality catchments (in accordance with the Minister's conditions of approval dated 2 March 2018);</i> • Public Parks & LCF = Planning scheme locality catchments. <i>(Refer also to Extrinsic material: Ext.11)</i>	Yes	Mapping exists for all future and existing networks.	No action required.	Complies
	41.	Future trunk infrastructure components are identified (at summary project level) clearly on the maps including a legible map reference.	Yes	The future trunk infrastructure projects are identified on the maps with a unique reference number.	Yes	The future trunk infrastructure projects are shown on each networks' maps.	No action required.	Complies
	42.	The infrastructure map reference is shown in the SOW model and summary schedule of works table in the LGIP.	Yes	The infrastructure map/item references are included in the Schedule of works tables and SOW model.	Yes	A unique identifier exists on the maps, in the model and in the schedule of works.	No action required.	Complies
Schedules of works <i>[Add rows to the</i>	43.	The schedule of works tables in the LGIP complies with the LGIP template.	Yes	The LGIP template has been used.	Yes	The section is consistent with the LGIP guideline template.	No action required.	Complies

checklist to address these items for each of the networks]	44.	The identified trunk infrastructure is consistent with the SPA and LGIP guideline.	Yes	The trunk infrastructure items are consistent with the indicative list contained in Appendix B of the LGIP guideline. <i>(Refer Extrinsic material: Ext.05, Ext.08, Ext.09, Ext.10 & Ext.11)</i>	Yes	The infrastructure identified appears consistent with the LGIP guideline.	No action required.	Complies
	45.	The existing and future trunk infrastructure identified in the LGIP is adequate to service at least the area of the PIA.	Yes	The stormwater network services the PIA to 2026. The Transport network and Public Parks & LCF network services the whole local government area to 2031.	Yes	The existing and future trunk infrastructure projects shown on each networks' maps appear to service the PIA.	No action required.	Complies
	46.	Is there alignment of the scope, estimated cost and planned timing of proposed trunk capital works contained within the Schedule of Works and the relevant inputs of the LTAMP and LTFF? If not, is there a process underway to achieve this?	Yes (Partly)	Noosa Council has only recently de-amalgamated from the Sunshine Coast Regional Council in 2014. As such, alignment currently meets Council's 5 year plan but work is underway for developing 10 year & longer term plans. <i>(Refer Extrinsic material: Ext.14)</i>	Yes	Council states the LGIP aligns with the 5- year capital works program and LTFF. Work is underway to align with longer term planning.	No action required.	Complies – process underway
	47.	The cost of trunk infrastructure identified in the SOW model and schedule of works tables is consistent with legislative requirements.	Yes	The cost of trunk infrastructure identified in the LGIP has been derived using the methodologies prescribed in the guidelines.	Yes	The cost of infrastructure has been prepared in accordance with the LGIP guideline.	No action required.	Complies
	SOW model	48.	The submitted SOW model is consistent with the model included with the statutory guideline for LGIPs.	Yes	The State's model in the guideline has been used.	Yes	The model is consistent with the LGIP guideline template.	No action required.
	49.	The SOW model has been prepared and populated consistent with the statutory guideline for LGIPs and its User manual for the SOW model.	Yes	The SOW model has been populated per the guideline and user manual wherever possible. However existing network items have been summarised into infrastructure groupings rather than for every individual item. This is supported by the extrinsic material which explains & clarifies the methodology used to populate the model. <i>(Refer Extrinsic material: Ext.13)</i> <i>(Amendments made in accordance with the Minister's conditions of approval dated 2 March 2018)</i>	Yes	The SOW model has been prepared in accordance with the LGIP guideline.	No action required.	Complies

	Extrinsic material	50.	All relevant background studies and reports in relation to the preparation of the LGIP are available and identified in the list of extrinsic material in the LGIP guideline.	Yes	Table 15.5 of the LGIP lists all extrinsic material documents provided to fully support the development of the LGIP. These documents are provided for the LGIP Independent Reviewer and State reviews and for public viewing. <i>(Ext.11-1_Network Demand Calcs_v2: Amended excel spreadsheet calculation of Transport catchment demands to "Transport Demand Calc_v2" as supporting material on how the revised transport demands were determined to comply with the Minister's conditions of approval dated 2 March 2018)</i>	Yes	The extrinsic material has been supplied.	No action required.	Complies
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