

Appendix D – LGIP Checklist

2nd Review - No changes were required to the checklist as a result of compliance with state conditions and/or LGIP amendments following public submissions.

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

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
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. 									
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 draft LGIP sections are ordered in accordance with the LGIP template.	Yes	Complies – All sections within the draft LGIP document are ordered in accordance with the LGIP template	N/A	LGIP may proceed
		2.	The LGIP sections are correctly located in the planning scheme.	Yes	The draft LGIP has been accommodated for in Part 4 and Schedule 3 of the draft Planning Scheme and will be included after the Planning Scheme has been adopted.	Yes	Complies – The draft LGIP has been prepared in accordance with Queensland Planning Provision requirements to ensure it can be compliantly inserted into the draft Whitsunday Regional Council Planning Scheme	N/A	LGIP may proceed
		3.	The content and text complies with the mandatory components of the LGIP template.	Yes	Draft LGIP is compliant.	Yes	Complies – The content and text complies with the mandatory components of the LGIP template.	N/A	LGIP may proceed
		4.	Text references to numbered paragraphs, tables and maps are correct.	Yes	Draft LGIP is compliant.	Yes	Complies – All text references within the draft LGIP document to numbered paragraphs, tables and maps are correct.	N/A	LGIP may proceed
	Definitions	5.	Additional definitions (to those in the QPP) do not conflict with statutory requirements.	Yes	Additional definitions, such as trunk definitions, have been included in the extrinsic material for clarity.	Yes	Complies – The draft LGIP includes the definition of three terms regarding area classifications for addition to Schedule 1 of the planning scheme. These terms do not conflict with statutory definitions in QPP.	N/A	LGIP may proceed
	Preliminary section	6.	The drafting of the Preliminary section is consistent with the LGIP template.	Yes	Draft LGIP is compliant.	Yes	Complies – Drafting of the Preliminary section is consistent with template	N/A	LGIP may proceed
		7.	All five trunk networks included in the LGIP. If not, which networks are excluded? Why have these networks been excluded?	Yes	All five trunk networks are included in the draft LGIP. Note: No new trunk infrastructure for the Stormwater Network is proposed based on section D4 of the Development Manual (Draft) and QUDM standards (pre development flows for all new development), refer to LGIP	Yes	Complies – All five networks identified within the LGIP Template have been included in the draft LGIP. Please note that for stormwater no detailed network planning has been undertaken at this point in time. It is planned to undertake more detailed stormwater network	N/A	LGIP may proceed

				Explanatory Notes.		planning when Council budget and resources become available.		
Planning assumptions - structure	8.	The drafting of the Planning assumptions section is consistent with the LGIP template.	Yes	Draft LGIP is compliant. It is not appropriate or possible to visually depict the exact extent of developable areas which may be subject to a range of site constraints or code requirements that are determined on a case by case basis. Attempting to visually depict the developable areas may be misleading and could not be used to reliably predict the development potential of the land. Furthermore, not all constraints from overlays or code provisions represent a 100% hard constraint to development, which may misrepresent the net developability of a site.	Yes	Complies - The drafting of the Planning assumptions section is consistent with the LGIP template. The developable areas are, however, also incorporated into the projection areas maps which depict the extent of projection areas considered in the LGIP, rather than separate developable areas maps in Schedule 3. After discussion with Council, Integran agree that it is not appropriate or possible to visually depict the exact extent of developable areas which may be subject to a range of site constraints or code requirements that are determined on a case by case basis. Attempting to visually depict the developable areas may be misleading and could not be used to reliably predict the development potential of the land. Furthermore, not all constraints from overlays or code provisions represent a 100% hard constraint to development, which may misrepresent the net developability of a site.	N/A	LGIP may proceed
	9.	All the projection areas listed in the tables of projections are shown on the relevant maps and vice versa.	Yes	The LGIP PAM – 01:06 (Projection area maps) clearly identifies the Projection areas, in accordance with the <i>Whitsunday Region Economic Analysis: Economic and Population Study 2013</i> (EPS).	Yes	Complies - All projection areas shown on LGIP PAM – 01:06 are listed in tables in Schedule 3.	N/A	LGIP may proceed
	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 LGIP PFTI WN – 01:06; PFTI SN – 01:05; PFTI SWN – 01:05; PFTI TN 05; and PFTI PCFN - 06 (Network catchment maps) clearly identifies each network catchment area(s).	Yes	Complies - Service catchments listed in the tables of projected demand for each network are identified on the relevant PFTI maps.	N/A	LGIP may proceed
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 population and dwelling projections identified in the EPS and Urban Growth Study (UGS) are generally consistent with the	Yes	Complies – Population and dwelling projections used in the draft LGIP have been developed from an Economic and Population Study,	N/A	LGIP may proceed

				Queensland Government Statistician's projections, as available at the time of preparation.		prepared by Norling Consulting. Growth scenarios in the report are based on estimated resident populations, prepared by the ABS, and assessed against low, medium and high population growth scenarios prepared by QGSO.			
		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 employment and non-residential development projections are consistent with the EPS and UGS.	Yes	Complies – Employment and non-residential development projections used in the draft LGIP have been developed from an Economic and Population Study, prepared by Norling Consulting. This is based on the ABS employment profile of the region. A number of scenarios have been tested to assess the impact of changes in mining and tourism industries.	N/A	LGIP may proceed
		13.	The developable area excludes all areas affected by absolute constraints such as steep slopes, conservation and flooding.	Yes	The draft LGIP excludes all known 'absolute constraints'. Note: The extrinsic material includes a net developable area map, including constraints in accordance with the QPP definition.	Yes	Complies - Reasonable levels of constraint have been accounted for in calculating the developable areas and development yield assumptions. It is noted that the Planning Scheme contains non-absolute constraints in overlays such as acid sulfate soils and flooding, however, these may be able to managed through the development process rather than imposing an absolute constraint.	N/A	LGIP 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 planned densities have been identified in accordance with the EPS and UGS. The planned densities are in accordance with those used to calculate the zone requirements of the draft Planning Scheme and reflect realistic levels and types of development. Note: Further discussion is included in the LGIP Explanatory Notes.	Yes	Complies - Densities appear to reflect realistic levels and types of development, giving consideration to the draft planning scheme provisions. Planned densities have been sourced from Whitsunday Regional Council's Urban Growth Study	N/A	LGIP may proceed
		15.	The planned densities account for land required for local roads and other infrastructure.	Yes	The planned densities account for land required for local roads and other infrastructure.	Yes	Complies - Planned densities shown in Schedule 3 are in accordance with typical densities seen in development in the Whitsunday region. It is	N/A	LGIP may proceed

						however noted that these densities may not be achieved in all circumstances, while in others it may be exceeded.			
		16.	The population and employment projection tables identify “ultimate development” in accordance with the QPP definition.	Yes	The draft LGIP includes ‘ultimate development’ figures for population and employment projections. Note: Ultimate Development represents the 2036 assumptions, in accordance with the draft Planning Scheme planning horizon of 20 years.	Yes	Complies - The population and employment projection tables have identified Ultimate Development, representing the realistic capacity of the planning scheme, which occurs at approximately 2036.	N/A	LGIP 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	The draft LGIP accommodates for the projected growth.	Yes	Complies - It is possible to calculate the remaining capacity to accommodate growth within each projection area, by subtracting the population/dwellings during a particular cohort, from the 'ultimate' development figures for that projection area.	N/A	LGIP may proceed
		18.	The planning assumptions reflect an efficient, sequential pattern of development.	Yes	The planning assumptions and SOW reflect an efficient and sequential pattern of development, in accordance with the QGSOs Broad Hectare Study.	Yes	Complies - The planning assumptions reflect the land use pattern and provisions within the planning scheme. Given varying paces of growth in different urban centres across the region, the planning assumptions provide for varying levels of growth to occur in an efficient, sequential pattern, in accordance with the planning scheme.	N/A	LGIP may proceed
		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	TMR has been consulted, in accordance with MALPI, during the LGIP process. Council has considered TMR’s comments. Note: The extrinsic material includes a Department of Transport and Main Roads Consultation Letter. Note: No distributor-retailers are relevant.	Yes	Complies – Council received a letter from the Department of Transport and Main Roads (dated 10 th May 2017), confirming consultation and DTMR’s satisfaction with LGIP document.	N/A	LGIP may proceed
	Planning assumptions - demand	20.	The infrastructure demand projections are based on the projections of population and employment growth.	Yes	Draft LGIP is compliant.	Yes	Demand generation rates in LGIP document table SC3.1.3 identify the relationship between demand units and population/non-residential floor space. The extrinsic material shows the	N/A	LGIP may proceed

						relationship between non-residential floor space and employment.			
		21.	The demand generation rates align with accepted rates and/or historical data.	Yes	The demand rates are in accordance with the EPS assumptions, the proposed Development Manual and advice from Council's engineering department, these will need to be 'accepted' by the appointed Reviewer and Minister. Note: Further discussion is included in the LGIP Explanatory Notes.	Yes	Complies – Demand generation rates shown in Table SC3.1.3 reflect existing Whitsunday Regional Council planning assumptions prepared as part of the Urban Growth Study for the region.	N/A	LGIP may proceed
		22.	The service catchments used for infrastructure demand projections are identified on relevant PFTI maps and demand tables.	Yes	Draft LGIP is compliant.	Yes	Complies – All service catchments used for infrastructure demand projections are identified in demand tables and on Map 1 of PFTI maps.	N/A	LGIP may proceed
		23.	The service catchments for each network cover, at a minimum, the PIA.	Yes	Draft LGIP is compliant.	Yes	Complies – The service catchments cover, at a minimum, the PIA for all networks.	N/A	LGIP may proceed
		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?	No	The draft LGIP is currently the most mature document. Other departments of Council are currently preparing Strategic Asset Management Plans and updating the LTFF, internal consultation was undertaken with the administrators of each document to ensure that the future documents will be in line with the LGIP. The Statutory Guideline states that " <i>Where alignment is yet to be achieved, a local government must demonstrate that it can fund the infrastructure identified in the LGIP</i> " – The draft LGIP is compliant with this requirement.	Yes	Complies – Council do not have in place a current LTAMP or LTFF, therefore it is not possible to secure alignment of growth and demand projections. Whitsunday Regional Council have demonstrated that through ongoing preparation of these documents and future reviews, they will continue to seek improved alignment between infrastructure and finance forward planning processes.	N/A	LGIP may proceed
	Priorty infrastructure area (PIA)	25.	The drafting of the PIA section is consistent with the LGIP template.	Yes	Draft LGIP is compliant.	Yes	Complies – The drafting of the PIA section is consistent with the LGIP template	N/A	LGIP may proceed
		26.	Text references to PIA map(s) are correct.	Yes	Draft LGIP is compliant.	Yes	Complies – All references to the PIA maps in the draft LGIP document are correct.	N/A	LGIP may proceed
		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	Draft LGIP is compliant.	Yes	Complies – The PIA boundary shown on all PIA maps is legible at a lot level and the planning scheme zoning is shown on the map to assist	N/A	LGIP may proceed

						with interpretation.			
		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	Draft LGIP is compliant. Note: Further discussion is included in the LGIP Explanatory Notes. Areas, such as the Environmental Management and Conservation Zone, which meet the (SPA) definition of 'non-rural purposes' have been excluded – exclusions only apply where constraints to growth are present, similar to 'absolute constraints' discussed in #13.	Yes	Complies – In accordance with the statutory definition of the PIA, all existing urban areas which are serviced, or intended to be serviced with development infrastructure networks, and will accommodate at least 10, but no more than 15, years of growth for non-rural purposes, have been included within the PIA	N/A	LGIP may proceed
		29.	The PIA accommodates growth for at least 10 years but no more than 15 years.	Yes	Draft LGIP is compliant (15 years).	Yes	Complies – The PIA accommodates growth for at least 10 years and no more than 15 years.	N/A	LGIP may proceed
		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?	Yes	There will not be any areas of urban growth outside of the draft PIA. Note: Further discussion is included in the LGIP Explanatory Notes. Projection area (EPS) assumptions have been adjusted to accommodate all growth within the PIA.	Yes	Complies – While some growth is expected to occur outside the PIA, this is expected to be a continuation of existing non-urban land uses.	N/A	LGIP may proceed
		31.	The PIA achieves an efficient, sequential pattern of development.	Yes	The PIA reflects an efficient and sequential pattern of development in accordance with the QGSOs Broad Hectare Study.	Yes	Complies – The PIA has been drafted to ensure that future urban growth is accommodated in an efficient and sequential pattern, reflecting logical extensions to the current urban form.	N/A	LGIP may proceed
	Desired standards of service (DSS)	32.	The drafting of the DSS section is consistent with the LGIP template.	Yes	Draft DSS in the draft LGIP are compliant.	Yes	Complies – Drafting of the Desired Standards of Service section is consistent with template	N/A	LGIP may proceed
		33.	The DSS section states the key planning and design standards for each network.	Yes	Draft DSS in the draft LGIP are compliant.	Yes	The DSS contains key planning and design standards for each network.	N/A	LGIP may proceed
		34.	The DSS reflects the key, high level industry standards, regulatory and statutory guidelines and codes, and planning scheme policies about infrastructure.	Yes	Draft DSS in the draft LGIP are compliant.	Yes	Complies – The design standards for each network refer to the key industry standards and codes about infrastructure (e.g. Water Services Association of Australia (WSAA) guidelines, Queensland Urban Drainage Manual, and Austroads)	N/A	LGIP may proceed

		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	The draft LGIP is currently the most mature document. Other departments of Council are currently preparing Strategic Asset Management Plans, internal consultation was undertaken with the administrators of each document to ensure that the future documents will be in line with the LGIP. In all cases the renewal or upgrade of an asset will be in accordance with the draft Development Manual and the LGIP DSS.	Yes	Complies – Council do not have in place a current LTAMP or LTFF, therefore it is not possible to secure alignment in levels of service. Whitsunday Regional Council have demonstrated that through ongoing preparation of these documents and future reviews, they will continue to seek improved alignment between infrastructure and finance forward planning processes.	N/A	LGIP may proceed
Plans for trunk infrastructure (PFTI) – structure and text		36.	The drafting of the PFTI section is consistent with the LGIP template.	Yes	Draft LGIP is compliant.	Yes	Complies – The drafting of the Plans for Trunk Infrastructure section is consistent with the LGIP template	N/A	LGIP may proceed
		37.	PFTI maps are identified for all networks listed in the Preliminary section.	Yes	Draft LGIP is compliant.	Yes	Complies – PFTI maps identifying existing and future trunk infrastructure have been prepared for all trunk infrastructure networks in the LGIP except for stormwater. The stormwater PFTI identifies existing trunk infrastructure only as future network planning is yet to be undertaken.	N/A	LGIP may proceed
		38.	PFTI schedule of works summary tables for future infrastructure are included for all networks listed in the Preliminary section.	Yes	Draft LGIP is compliant. Note: Further discussion is included in the LGIP Explanatory Notes, there is no proposed future stormwater infrastructure due to draft Development Manual and QUDM standards.	Yes	Complies – PFTI Schedules of Works tables are included in Schedule 3 for all networks identified in the Preliminary section, however the Stormwater table has not been populated as no future infrastructure has yet been identified for this network.	N/A	LGIP may proceed
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	Draft LGIP is compliant.	Yes	Complies – Existing and future networks have been mapped for all of the LGIP networks (except stormwater, for which only existing infrastructure has been mapped).	N/A	LGIP may proceed
		40.	The service catchments referenced in the SOW model and infrastructure demand summary tables are shown clearly on the maps.	Yes	Draft LGIP is compliant.	Yes	Complies – Service catchments identified in the SOW Model and infrastructure demand summary tables are shown on all PFTI maps and service catchment maps for all networks.	N/A	LGIP may proceed

		41.	Future trunk infrastructure components are identified (at summary project level) clearly on the maps including a legible map reference.	Yes	Draft LGIP is compliant.	Yes	Complies - All future trunk infrastructure components are identified on the PFTIs, including a map reference which aligns with IDs identified in the Schedule of Works model and LGIP document	N/A	LGIP may proceed
		42.	The infrastructure map reference is shown in the SOW model and summary schedule of works table in the LGIP.	Yes	Draft LGIP is compliant.	Yes	Complies - The future PFTI labels (map references) are provided within the SoW model and LGIP schedule of works tables to accurately cross-reference infrastructure items.	N/A	LGIP may proceed
Schedules of works <i>[Add rows to the checklist to address these items for each of the networks]</i>		43.	The schedule of works tables in the LGIP complies with the LGIP template.	Yes	Draft LGIP is compliant.	Yes	Complies - The schedule of works tables in the LGIP comply with the LGIP template.	N/A	LGIP may proceed
		44.	The identified trunk infrastructure is consistent with the SPA and LGIP guideline.	Yes	Draft LGIP is compliant.	Yes	Complies – The extent of trunk infrastructure depicted in the Schedules of Works and Plans for Trunk Infrastructure represents a logical provision of trunk infrastructure, consistent with the definition of trunk infrastructure identified in the Sustainable Planning Act and requirements of the LGIP Guideline. Non-trunk infrastructure has been excluded.	N/A	LGIP may proceed
		45.	The existing and future trunk infrastructure identified in the LGIP is adequate to service at least the area of the PIA.	Yes	Draft LGIP is compliant. Note: The trunk infrastructure is adequate to service the assumed growth, as stated in the projection tables. Development outside of the assumptions cannot be accounted for even where it occurs within the PIA (this is in accordance with SPA).	Yes	Complies – The LGIP consists of existing and future trunk infrastructure that will have the capacity to adequately service urban growth within the PIA for next 10 - 15 years to the standard outlined in the DSS.	N/A	LGIP may proceed
		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	The draft LGIP is currently the most mature document. Other departments of Council are currently preparing Strategic Asset Management Plans and updating the LTFF, internal consultation was undertaken with the administrators of each document to ensure that the future documents will be in line with the LGIP.	Yes	Complies – Council do not have in place a current LTAMP or LTFF, therefore it is not possible to secure alignment in the scope, cost and timing of proposed trunk works in the Schedule of Works. Whitsunday Regional Council have demonstrated that through ongoing preparation of these documents and future reviews, they will continue to seek improved alignment	N/A	LGIP may proceed

						between infrastructure and finance forward planning processes.			
		47.	The cost of trunk infrastructure identified in the SOW model and schedule of works tables is consistent with legislative requirements.	Yes	Draft LGIP is compliant.	Yes	Complies – The costing approaches in the SoW model and schedule of works tables are consistent with the Statutory Guideline. Project Owner’s cost allowances for Transport and Parks and Land for Community Facilities are lower than those outlined in the Statutory Guideline, however Whitsunday Regional Council have advised that their standard project owner’s cost rates have been applied.	N/A	LGIP may proceed
	SOW model	48.	The submitted SOW model is consistent with the model included with the statutory guideline for LGIPs.	Yes	Draft LGIP is compliant. Note: Council has elected to use the Model provided by the Independent Reviewer (Integran) to assist in the review process.	Yes	Complies – The alternative to the State government SOW model was prepared by Whitsunday Regional Council from a model developed by Integran Pty Ltd. This model has been approved as including the same functionally as the State’s version. The model documents all input data including general inputs, unit rates of assets and land, demand forecasts, lists of assets and relevant catchments, charges calculations that provide transparency in the cost apportionment and derivation of charges, fully functional DCF calculations, and the required outputs including full schedules of works and summary cash flow projections.	N/A	LGIP may proceed
		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	Draft LGIP is compliant. Note: Council has elected to use the Model provided by the Independent Reviewer (Integran) to assist in the review process.	Yes	Complies – The alternative to the State government SOW model was prepared by Whitsunday Regional Council from a model developed by Integran Pty Ltd. The model documents all input data including general inputs, unit rates of assets and land, demand forecasts, lists of assets and relevant catchments, charges calculations that provide	N/A	LGIP may proceed

							transparency in the cost apportionment and derivation of charges, fully functional DCF calculations, and the required outputs including full schedules of works and summary cash flow projections.		
	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	Draft LGIP is compliant.	Yes	Complies – All key 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.	N/A	LGIP may proceed