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| LGIP review checklist Brisbane City Council – LGIP Amendment 1B *Approved form MGR5.1 under the Planning Act 2016* |
| **Review principles:**   * A reference in the checklist to the LGIP is taken to include a relevant reference to the *Planning Act 2016* and chapter 5 of the Minister’s Guidelines and Rules. * Terms in this checklist that are defined in the *Planning Act 2016* or the Minister’s Guidelines and Rules.   The checklist must not be taken to cover all requirements of the *Planning Act 2016* and the Minister’s Guidelines and Rules. Local governments must still have regard to the requirements as set out in the *Planning Act 2016* 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** | | | |
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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** |
| **The LGIP is consistent with the legislation for LGIPs and the Minister’s Guidelines and Rules** | **All** |  | The LGIP sections are ordered in accordance with the LGIP template. | Yes | The LGIP sections are ordered in accordance with the LGIP template. | Yes | The sections are consistent with the *Guidance for the Ministers Guidelines and Rules* template. | No action required. | Complies |
|  | The LGIP sections are correctly located in the planning scheme. | Yes | The LGIP sections are correctly located in the planning scheme. | Yes | The sections are consistent with the LGIP guideline template. | No action required. | Complies. |
|  | The content and text complies with the mandatory components of the LGIP template. | Yes | The content and text complies with the mandatory components of the LGIP template. | Yes | The LGIP contains all mandatory content. | No action required. | Complies |
|  | Text references to numbered paragraphs, tables and maps are correct. | Yes | Text references to numbered paragraphs, tables and maps are correct. | Yes | The LGIP correctly references tables and maps. | No action required. | Complies |
| **Definitions** |  | Additional definitions do not conflict with statutory requirements. | Yes | The existing CP2014 Brisbane City Council administrative definitions in [SC1.2.3.B](https://cityplan.brisbane.qld.gov.au/eplan/#Rules/0/236/1/0/0) include:   * Assumed future urban development * Desired standards of service * Existing trunk infrastructure * Future trunk infrastructure * Planning horizon * Priority infrastructure area * Trunk infrastructure   These do not conflict with the statutory LGIP requirements. | Yes | The definitions are located in the Planning Scheme consistent with the LGIP guideline template. | No action required. | Complies |
| **Preliminary section** |  | The drafting of the Preliminary section is consistent with the LGIP template. | Yes | The drafting of the Preliminary section is consistent with the LGIP template. | Yes | The preliminary section is consistent with the template. | No action required. | Complies |
|  | All five trunk networks are included in the LGIP. *(If not, which of the networks are excluded and why have they been excluded?)* | Yes | 1. Council’s trunk networks are included in the LGIP, comprising:    * Transport (roads, pathways, ferry terminals & bus stops);    * Stormwater; and    * Public parks and land for community facilities. 2. The water supply and sewerage networks form part of Urban Utilities' (UU) Water Netserv Plan. | Yes | The exclusion of water and sewer is consistent with the distributor-retailer arrangements. | No action required. | Complies |
| **Planning assumptions - structure** |  | The drafting of the Planning assumptions section is consistent with the LGIP template. | Yes | The Planning assumptions section is generally in accordance with the LGIP template and previous Queensland Government approvals. | Yes | The planning assumptions section is consistent with the template. | No action required. | Complies |
|  | All the projection areas listed in the tables of projections are shown on the relevant maps and vice versa. | Yes | Map A2 displays the boundaries of the projection areas. The map will be available through Council’s City Plan online (<https://cityplan.brisbane.qld.gov.au/eplan/>) | Yes | The projections areas are shown on a map. | No action required. | Complies |
|  | 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 | All the service catchments listed in the tables of projected infrastructure demand are identified on the relevant maps and vice versa.  The maps will be available through Council’s City Plan online (<https://cityplan.brisbane.qld.gov.au/eplan/>). | Yes | The service catchments are shown on the relevant PFTI map series. | No action required. | Complies |
| **Planning assumptions - methodology** |  | 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 | The residential projections are benchmarked against the QGSO 2018 edition medium series. | Yes | The total populations are consistent with the QGSO.2018 population projections, positioned slightly higher than the medium series. | No action required. | Complies |
|  | 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 methodology for the non-residential projections is based on National Institute of Economic and Industry Research (NIEIR) industry data. | Yes | NIEIR is a recognised provider for employment projections. | No action required. | Complies |
|  | The developable area excludes all areas affected by absolute constraints such as steep slopes, conservation and flooding. | Yes | The methodology for determining developable area is consistent with the MGR. | Yes | The constraints used to calculate the developable area are outlined in section 4.2.2 Development. | No action required. | Complies |
|  | The planned densities reflect realistic levels and types of development having regard to the planning scheme provisions and current development trends. | Yes | The methodology for calculating planned densities is consistent with the MGR. | Yes | Densities are consistent with the anticipated uses in accordance with the Planning Scheme | No action required. | Complies |
|  | The planned densities account for land required for local roads and other infrastructure. | Yes | Land for local roads and other infrastructure have been accounted for when calculating planned densities. | Yes | Densities are consistent with the anticipated uses in accordance with the Planning Scheme allowing for local infrastructure footprints. | No action required. | Complies |
|  | The population and employment projection tables identify “ultimate development” in accordance with the defined term. | Yes | Ultimate development is shown in all relevant tables and is consistent with the defined term. | Yes | Ultimate capacity is stated in planning assumptions and is consistent with the definition. | No action required. | Complies |
|  | 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 | Ultimate development is shown in all relevant projection tables (consistent with the MGR), allowing for verification of the remaining capacity for each projection area. | Yes | The difference between the Ultimate and 2036 projections demonstrates there is capacity beyond 2036. | No action required. | Complies |
|  | The determination of planning assumptions about the type, scale, timing and location of development, reflect an efficient, sequential pattern of development. | Yes | The planning assumptions methodology is consistent with the MGR. | Yes | The planning assumptions methodology is consistent with the MGR. | No action required. | Complies |
|  | 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 | Queensland Urban Utilities (QUU) was consulted in the preparation of the LGIP. Written confirmation was provided supporting proposed changes to the LGIP projections and PIA.  State agency for transport matters – comments received from state agencies. | Yes | Evidence of consultation with QUU has been provided.  Evidence of consultation with State agencies provided. | No action required. | Complies |
| **Planning assumptions - demand** |  | The infrastructure demand projections are based on the projections of population and employment growth. | Yes | The methodology for determining the infrastructure demand projections is consistent with the MGR. | Yes | The demand for all networks has been developed from the planning assumptions. | No action required. | Complies |
|  | 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 infrastructure demand projections for each network are consistent with the MGR. | Yes | The demand generation rates are consistent with the guideline or accepted industry standards. | No action required. | Complies |
|  | The demand generation rates align with accepted rates and/or historical data. | Yes | The demand generation rates align with accepted industry standard rates. | Yes | The demand generation rates are consistent with the guideline or industry standards | No action required. | Complies |
|  | The service catchments used for infrastructure demand projections are identified on relevant PFTI maps and demand tables. | Yes | The service catchments used for infrastructure demand projections are identified on relevant service catchment maps, PFTI maps and demand tables.  The service catchment maps will be available through Council City Plan Online (<https://cityplan.brisbane.qld.gov.au/eplan/>). | Yes | The service catchments are shown on each networks’ maps, and these catchments are consistent with the demand tables. | No action required. | Complies |
|  | The service catchments for each network cover, at a minimum, the urban areas, and enable urban development costs to be compared. | Yes | The service catchments for each network covers the PIA. | Yes | The service catchments are consistent with the PIA. | No action required. | Complies |
|  | 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 | The capital expenditure in the LGIP and AMPs is a foundational building block for the development of the LTFF. In this way, the LTFF is aligned with the LGIP.  Council’s Governance Submission (Section 18 Financial Impact) includes the amendment 1B financial sustainability statement. | Yes | The planning for the LGIP and Long-Term Infrastructure Plan (LTIP) is reflected in the LTFF and AMPs. | No action required. | Complies |
| **Priority infrastructure area (PIA)** |  | The drafting of the PIA section is consistent with the LGIP template. | Yes | The drafting of the PIA section is consistent with the LGIP template. | Yes | The section is consistent with the template. | No action required. | Complies |
|  | Text references to PIA map(s) are correct. | Yes | Text references associated with Map A1 Priority Infrastructure Area are correct. | Yes | The references are correct. | No action required. | Complies |
|  | 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 | The PIA boundary shown on the Map A1 Priority Infrastructure Area will be legible at a lot level through Council’s City Plan online (<https://cityplan.brisbane.qld.gov.au/eplan/>), and can be viewed simultaneously to the planning scheme zoning. | Yes | The PIA boundary is legible at the lot level, on a base of the planning scheme zones. | No action required. | Complies |
|  | 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 PIA included all areas of existing urban development serviced by all relevant trunk infrastructure networks at the time the LGIP was prepared. | Yes | The urban growth within PIA boundary is serviced by all networks. | No action required. | Complies |
|  | The PIA accommodates growth for at least 10 years but no more than 15 years. | Yes | The PIA accommodates growth for 15 years. | Yes | The planning assumptions show there is capacity in the PIA to 2036 allowing for 15 years’ growth. | No action required. | Complies |
|  | The PIA achieves an efficient, sequential pattern of development. | Yes | The PIA achieves an efficient, sequential pattern of development. | Yes | Provision of infrastructure within the PIA achieves an efficient pattern of development. | No action required. | Complies |
|  | 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 | All areas identified as needed for urban growth in the next 15 years are inside the PIA. | Yes | The PIA accommodates the urban growth for 15 years. | No action required. | Complies |
| **Desired standards of service (DSS)** |  | The drafting of the DSS section is consistent with the LGIP template. | Yes | The drafting of the DSS section is consistent with the LGIP template. | Yes | The section is consistent with the LGIP guideline template. | No action required. | Complies |
|  | The DSS section states the key planning and design standards for each network. | Yes | The DSS section states the key planning and design standards for each Council network. | Yes | The DSS section outlines the key planning and design standards. | No action required. | Complies |
|  | The DSS reflects the key, high level industry standards, regulations and codes, and planning scheme policies about infrastructure. | Yes | The DSS for each Council network reflects the key high level industry standards, regulations and codes, and planning scheme policies about infrastructure. | Yes | The DSS are consistent with the planning scheme policies and industry standards. | No action required. | Complies |
|  | 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 | There is alignment between the relevant levels of service in Council’s LTAMP, AMPs & LGIP. | Yes | The planning for the LGIP and Long-Term Infrastructure Plan (LTIP) is reflected in the LTFF and AMPs. | No action required. | Complies |
| **Plans for trunk infrastructure (PFTI) – structure and text** |  | The drafting of the PFTI section is consistent with the LGIP template. | Yes | The drafting of the PFTI section is consistent with the LGIP template. | Yes | The section is consistent with the LGIP guideline template. | No action required. | Complies |
|  | PFTI maps are identified for all networks listed in the Preliminary section. | Yes | Table 4.5.1.1 identifies all PFTI maps for all networks. | Yes | Mapping exists for all networks. | No action required. | Complies |
|  | PFTI schedule of works summary tables for future infrastructure are included for all networks listed in the Preliminary section. | Yes | Table 4.5.2.1 identifies all SOW tables for all networks. | Yes | The section includes schedules of work for each network. | No action required. | Complies |
| **PFTI – Maps**  *[Add rows to the checklist to address these items for each of the networks]* |  | The maps clearly differentiate between existing and future trunk infrastructure networks. | Yes | The PFTI maps clearly differentiate between existing and future trunk infrastructure networks.  The PFTI maps showing future and existing infrastructure networks will be available through Council’s City Plan online (<https://cityplan.brisbane.qld.gov.au/eplan/>). Existing and future trunk infrastructure networks are identified in separate layers for each network, and can be viewed simultaneously or separately by toggling the layer on or off. | Yes | Mapping exists for all future and existing networks. | No action required. | Complies |
|  | The service catchments referenced in the schedule of works (SOW) model and infrastructure demand summary tables are shown clearly on the maps. | Yes | All PFTI maps clearly show the relevant service catchments for each network. | Yes | The service catchments are shown in the SOW Model are consistent with the demand tables. | No action required. | Complies |
|  | Future trunk infrastructure components are identified (at summary project level) clearly on the maps including a legible map reference. | Yes | All PFTI maps are clearly marked with a unique map reference, and all future trunk infrastructure items are clearly identified and labelled. | Yes | The future trunk infrastructure projects are shown on each networks’ maps. | No action required. | Complies |
|  | The infrastructure map reference is shown in the SOW model and summary schedule of works table in the LGIP. | Yes | The SOW model and summary schedules include a map reference column which is populated for each future infrastructure item. | Yes | A unique identifier exists on the maps, in the model and in the schedule of works. | No action required. | Complies |
| **Schedules of works**  *[Add rows to the checklist to address these items for each of the networks]* |  | The schedule of works tables in the LGIP comply with the LGIP template. | Yes | The schedule of works tables complies with the requirements of the LGIP template. | Yes | The section is consistent with the LGIP guideline template. | No action required. | Complies |
|  | The identified trunk infrastructure is consistent with the *Planning Act 2016* and the Minister’s Guidelines and Rules. | Yes | The identified trunk infrastructure is consistent with those indicated in the *Planning Act 2016* and the MGR. | Yes | The infrastructure identified appears consistent with the LGIP guideline. | No action required. | Complies |
|  | The existing and future trunk infrastructure identified in the LGIP is adequate to service at least the area of the PIA. | Yes | The existing and future trunk infrastructure identified in the LGIP is adequate to service at least the area of the PIA. | Yes | The existing and future trunk infrastructure projects shown on each networks’ maps appear to service the PIA. | No action required. | Complies |
|  | 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 | The Extrinsic Material – Planning Assumptions report details the methodology for ultimate development, demand, and determining truck infrastructure inclusion in the SOW model. This is consistent with the requirements of the MGR. | Yes | The PIA accommodates the urban growth for 15 years. | No action required. | Complies |
|  | 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 | The quantum and timing of the capital expenditure was aligned between the LGIP, AMP and LTFF for the purposes of the financial sustainability review.  Council’s Governance Submission (Section 18 Financial Impact) includes the LGIP Amendment 1B financial sustainability statement. | Yes | Council states the LGIP aligns with relevant elements of the AMP and LTFF. | No action required. | Complies |
|  | The cost of trunk infrastructure identified in the SOW model and schedule of work tables is consistent with legislative requirements. | Yes | The costing of trunk infrastructure is consistent with legislative requirements. | Yes | The cost of infrastructure has been prepared in accordance with the LGIP guideline. | No action required. | Complies |
|  | **SOW model** |  | The submitted SOW model is consistent with the SOW model included in the Minister’s Guidelines and Rules. | Yes | The submitted SOW model is consistent with the SOW model included in the MGR. | Yes | The SOW model is consistent with the LGIP guideline template. Council’s model is split by network given the size and complexity of the data, but the functionality is consistent with the MGR. | No action required. | Complies |
|  | The SOW model has been prepared and populated consistent with the Minister’s Guidelines and Rules. | Yes | The SOW model has been prepared and populated consistent with the MGR and its User manual for the SOW model. | Yes | The SOW model has been prepared in accordance with the LGIP guideline. | No action required. | Complies |
|  | 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 | The project owner’s costs and contingency values in the SOW model are within the ranges specified in the MGR. | Yes | The allowances are consistent with the LGIP guideline. | No action required. | Complies |
|  | 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. | Yes | Infrastructure items included in the SOW model, SOW tables and the PFTI maps are consistent. | No action required. | Complies |
| **Extrinsic material** |  | 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 | All material relevant to the preparation of the LGIP is contained within the extrinsic material under Section 4.5.3 of the LGIP. | Yes | The extrinsic material has been supplied. | No action required. | Complies |
|  | The extrinsic material explains the methodology and inter-relationships between the components and assumptions of the LGIP. | Yes | The extrinsic material reports, will be available on Council’s website, detail the methodology and inter-relationships between the components and assumptions of the LGIP. | Yes | The extrinsic material has been supplied. | No action required. | Complies |