

**PSP 7**  
**INFRASTRUCTURE**

## Planning Scheme Policy No.7 – Infrastructure Provisions

### 1.0 PRELIMINARY

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#### 1.1 *Infrastructure Provisions*

The following sections comprise the Planning Scheme Policy for the provision of infrastructure:

- (1) General Provisions for Infrastructure Contributions (Section 2.0);
- (2) Water Supply Trunk Infrastructure (Section 3.0);
- (3) Sewerage Trunk Infrastructure (Section 4.0);
- (4) Public Parks Trunk Infrastructure (Section 5.0);
- (5) Temporary Works (Section 6.0);
- (6) Infrastructure Agreements (Section 7.0);
- (7) Register of Infrastructure Contributions & Credits (Section 8.0);
- (8) Connecting Works and Internal Works (Section 9.0); and
- (9) Glossary of Terms (Section 10.0).

## **2.0 GENERAL PROVISIONS FOR INFRASTRUCTURE CONTRIBUTIONS**

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### **2.1 General Approach for Deriving Infrastructure Contributions**

In principle, infrastructure contributions for a particular area within the Shire are derived by:

- (1) estimating the amount of new development or the planned/ultimate population within the particular area (A);
- (2) from (A) determining the trunk infrastructure likely to be needed to service the development or planned/ultimate population with such trunk infrastructure being determined by desired service standards outlined in this Planning Scheme Policy (B);
- (3) from (B) estimating the establishment cost of the required trunk infrastructure needed for the new development or relevant planned/ultimate population (EC); and
- (4) deriving applicable infrastructure unit rates by dividing (EC) by (A), which produces a rate per the selected demand factor (e.g. rate per person, per EP, etc).

#### **NOTE P7-1:**

If the capacity of the trunk infrastructure provided or to be provided is greater than the planned or ultimate population (e.g. if manufacturing processes generate ‘standard’ pipe sizes that are larger than required to serve the specific development or catchment) the cost of that infrastructure is to be apportioned to the users within the particular area.

### **2.2 Determination of Planning Horizon to be Accommodated by Trunk Infrastructure**

The development or relevant planned population to be served by trunk infrastructure is based on a planning horizon appropriate to the economic life or catchment or service area of the trunk infrastructure, consistent with the Capital Works Program, and reviewed/updated on a rolling program basis.

### **2.3 Extent of Trunk Infrastructure**

- (1) Trunk infrastructure as referred to in this Planning Scheme Policy includes those projects necessary to serve the relevant planned population of the Shire, in respect of works (including land acquisition) necessary for the provision of trunk infrastructure within the Shire, including works carried out or land acquired by other local governments, statutory bodies or other entities (only with Council approval) and works carried out or land acquired within other local government areas for which Council is liable.
- (2) Trunk infrastructure generally includes only those:
  - (a) existing items of trunk infrastructure;
  - (b) proposed upgrading of existing items of trunk infrastructure; and
  - (c) proposed future items of trunk infrastructure;

to enable the development or relevant planned/ultimate population to be served in respect of the trunk infrastructure items detailed in this Planning Scheme Policy.

### **2.4 Determination of Establishment Cost of Trunk Infrastructure for Infrastructure Contributions**

- (1) The estimated establishment cost of trunk infrastructure is as determined by Council based on the following:
  - (a) the estimated capital costs of the items of trunk infrastructure, in respect of each area of the Shire, as detailed in this Planning Scheme Policy;

- (b) land acquisition costs in respect of each area of the Shire, as detailed in this Planning Scheme Policy;
  - (c) Council planning administration costs; and
  - (d) interest costs (where those interest costs are actually incurred by Council).
- (2) Capital costs for existing infrastructure are to be based on current replacement costs, determined in accordance with sub-sections (3) and (4).
- (3) For the purposes of determining infrastructure capital costs, appropriate unit rates and other estimated construction costs and construction on-costs are adopted, if feasible, on an examination of current contract prices for the construction of similar infrastructure within the Shire.
- (4) If no such contracts are current or relevant, estimated construction costs and construction on-costs are to be based on the most recent applicable contract prices available to Council or estimates of unit rates based on long term trends.
- (5) Indexation of unit rates or other estimated construction costs and construction on-costs as necessary to obtain capital costs are to be determined by applying the Consumer Price Index (All Groups) for the City of Brisbane published by the Australian Bureau of Statistics, except that any interest component of such costs or unit rates shall not be indexed.
- (6) Land acquisition costs for existing infrastructure are to be based on current market value, determined in accordance with sub-sections (7) and (8).
- (7) For the purpose of determining land acquisition costs, appropriate rates are to be adopted, if feasible, on an examination of current vacant land sales for similar land within the different areas of the Shire.
- (8) If no land sales are current or relevant, estimated land acquisition costs are to be based on the most recent applicable contract prices available to Council or estimates of sales based on long term trends.
- (9) Indexation of land sale rates or other estimated costs as necessary to obtain land acquisition costs are to be determined by applying the annual Land Valuation Index (for each locality) for the Shire of Murgon produced by the Valuer General.
- (10) The establishment cost of trunk infrastructure for each relevant area of the Shire, estimated as above is set out in this Planning Scheme Policy.
- (11) The establishment cost of trunk infrastructure is deemed to be:
  - (a) altered if works outlined in this Planning Scheme Policy have been completed and the alteration is made to reflect the variation between the estimated capital cost and the actual cost of construction of that work as reasonably determined by Council;
  - (b) altered if land outlined in this Planning Scheme Policy has been secured and the alteration is made to reflect the variation between the estimated value and the actual acquisition cost by Council; and
  - (c) indexed annually by applying the Consumer Price Index (All Groups) for the City of Brisbane published by the Australian Bureau of Statistics as applicable on the 1<sup>st</sup> July of each year.

## **2.5 Determination of Infrastructure Contribution Unit Rates**

- (1) Infrastructure contribution unit rates are determined in accordance with the principles outlined in this division and this Planning Scheme Policy.
- (2) In determining infrastructure contributions, Council is to have regard to the general principle that infrastructure contributions for any proposed development are calculated by considering the increase in the demand factor (e.g. population, equivalent persons, number of lots/dwelling units etc) resulting from the development and the relevant infrastructure contribution unit rate outlined in this Planning Scheme Policy for the area in which the development is located.

- (3) For a parcel of land on which development is proposed, the increase in the demand factor is determined as the difference between that which would be allowed if the parcel were developed as per the development application (using the appropriate unit or attribute for the relevant defined use or zone outlined in Appendix 1 to this Policy) and, if relevant, the greater of—
  - (a)
    - (i) if vacant land, 3.2 EP/lot where the lot is located within a reticulated water or sewerage area; or
    - (ii) if an existing building or existing work is proposed to be changed, the demand factor for that part of the existing use proposed to be changed; or
  - (b) if infrastructure contributions have previously been paid to Council in respect of the land, the demand factor on which those infrastructure contributions were based less any demand factor credited by Council from the date of payment; or
  - (c) if infrastructure credits apply in respect of the land, the demand factor of the infrastructure credits as outlined in the Register of Infrastructure Contributions and Credits.
- (4) If an existing building or existing work is proposed to be extended or a new building or work is proposed to be erected on land occupied by an existing use, infrastructure contributions are to only apply to the proposed extension of the existing building or existing work or to the new building or work to the extent that there is an increase in the demand factor.
- (5) If the demand to be placed on an item of trunk infrastructure by a development is assessed as being greater than that which would normally result from applying the appropriate unit or attribute outlined in Appendix 1 the development is to be deemed to be *infrastructure intensive*.
- (6) For *infrastructure intensive development*, the applicant is to either construct works necessary to reduce the demand to the levels as outlined in this Planning Scheme Policy or pay to the Council additional infrastructure costs attributable to the assessed additional demand.
- (7) The infrastructure contribution unit rates for the categories of trunk infrastructure for the various areas of the Shire are contained in this Planning Scheme Policy (refer to Appendices 2 -3).
- (8) The infrastructure contribution unit rates as contained in this Planning Scheme Policy are deemed to be varied to reflect the alterations of the establishment cost of trunk infrastructure items as outlined in section 2.4(11)(a) and (b).
- (9) The current infrastructure unit charge for the items of infrastructure outlined in this Planning Scheme Policy is contained in the Council's Register of General Payments.
- (10) The infrastructure unit charge as contained in Council's Register of General Payments can be varied, by a resolution of Council, to reflect the alterations or indexing of the establishment cost of trunk infrastructure items as outlined in Section 2.4(11)(c).

## **2.6 Lodgement of Securities**

- (1) Council may require an applicant, following a development approval, to enter into an infrastructure agreement and lodge a specified security for the payment of infrastructure contributions.

**NOTE P7-2:**

- (1) Such security may be required on developments as determined by Council, to allow Council to program and construct trunk infrastructure or acquire land with an assurance that the funds will be available.
- (2) The amount of the security bond is not to exceed the amount of the infrastructure contribution as outlined in the condition requiring an infrastructure contribution.
- (3) The amount of the security bond is to be subject to adjustment at the time of partial or full call-up in respect of the amounts attributable to infrastructure contributions, in line with increases in the infrastructure unit charges.
- (4) The security bond is to be lodged at the time stated in the infrastructure agreement or as otherwise stipulated by Council or where no infrastructure agreement exists, the bond is to be lodged at the time stated in the conditions of the development approval.
- (5) Security bonds lodged in respect of infrastructure contributions are to be either in cash or in the form of an irrevocable Bank Guarantee from a bank registered under the Banking Act, a finance company which is predominantly owned by such bank or banks or from such other company as may be determined by Council from time to time, and are to state the purpose of the guarantee and the real property description of the land containing the development to which it applies.
- (6) The Bank Guarantee is to be open-ended with no lapse date during the currency period of the approval.
- (7) A security bond held by Council may be called up by Council either on the date stipulated in the infrastructure agreement establishing the bond, or on the date when infrastructure contributions are payable, whichever occurs first.
- (8) At the time when payment of all or part of the infrastructure contribution is due, and a security bond is still held by Council, the Developer is to pay the amount due at the infrastructure unit charges applicable at the time of payment, whereupon the bond or part thereof will be surrendered by Council.
- (9) If the payment in cash is not made by the due date, Council may call up the security bond.
- (10) Any balance due after the calling up of the security bond is to be payable in cash by the Developer.

### 3.0 WATER SUPPLY TRUNK INFRASTRUCTURE

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#### 3.1 **Water Supply Trunk Infrastructure**

The provisions in this section (including the Infrastructure Unit Rates for Water Supply Trunk Infrastructure) are as follows:

- (1) the details of existing and future trunk infrastructure (see section 3.2);
- (2) the desired standard of service for trunk infrastructure (see section 3.3);
- (3) the trunk infrastructure to be provided and funded by the contribution (see section 3.4);
- (4) each area in which the contribution applies (see section 3.5);
- (5) type of lot, work or use, for which the contribution applies (see section 3.6); and
- (6) infrastructure contribution calculations (see sections 3.7 and 3.8).

#### 3.2 **Existing and Future Trunk Infrastructure**

**NOTE P7-3:**

Further details in relation to water supply trunk infrastructure can be found in the previous *Local Planning Policy No.3 – Contributions - Water Supply & Sewerage, 1994*. Figures presented in Table 3.4.1 and Appendix 2 have not been indexed from 1994 costs and need to be calculated against Consumer Price Index to give current financial year costs.

- (1) The trunk infrastructure to be provided for is:
  - (a) intake and raw water supply;
  - (b) treatment plant; and
  - (c) clear water storage and collection;as shown on Map 3.1.

#### 3.3 **Desired Standard of Service for Trunk Infrastructure**

- (1) The desired standard of service for the water supply infrastructure is outlined in the Department of Natural Resources & Mines (Water Resources) *Guidelines for Planning and Design of Water Supply Systems* and the following design criteria:
  - (a) an average daily demand per equivalent tenement of 685 litres;
  - (b) delivery based on 100 litres/second per 20 hour period; and
  - (c) water being supplied for the mean day of the maximum month which is equal to 1.5 times the average demand.

#### 3.4 **Trunk Infrastructure for Water Supply Infrastructure Contributions**

- (1) The trunk infrastructure to be funded by an infrastructure contribution for water supply infrastructure is shown on Map 3.1 and the costings for these various items of water supply infrastructure is outlined in Table 3.4.1.

**Table 3.4.1: Water Supply Trunk Infrastructure Costs for the Town of Murgon @ 1994 Costs (refer Note P7-3)**

Infrastructure Works	Total
Raw Water Supply	685,000
Water Treatment Plant	1,969,000
Clear Water Storage & Collection	3,415,000
<b>Total</b>	<b>6,069,000</b>

### **3.5 Areas where Infrastructure Contributions Apply**

- (1) The area of the Shire subject to water supply infrastructure contributions is the township of Murgon and the boundary of the water supply contributions sector is shown on Map 3.1.

### **3.6 Application of Contribution**

- (1) Water supply infrastructure contributions apply to every development application that involves the following in the contribution sector:
  - (a) reconfiguring a lot; or
  - (b) making a material change of use.

### **3.7 Determination of Water Supply Infrastructure Unit Rates**

- (1) The Water Supply Infrastructure Unit Rates for the purposes of calculating water supply infrastructure contributions are to be determined in respect of trunk infrastructure set out in Table 3.4.1.
- (2) The Water Supply Infrastructure Unit rate has been calculated based on the design capacity of the system as follows:

$$\text{Rate} = A/(B/C)$$

If:

- A is the establishment cost of the water supply scheme;
- B is 100 x 3600 x 20 which is the desired delivery standard; and
- C is 685 x 1.5 which is the supply of water for the mean day of the maximum month.

- (3) The water supply infrastructure unit rate for Murgon, based on the calculation in paragraph (2), is contained in Appendix 2 to this Policy.

### **3.8 Determination and Calculation of Water Supply Infrastructure Contributions**

- (1) The water supply infrastructure contribution for any proposed development will be calculated as follows:
 
$$[(A - B) - C] \times D \times E$$



if:

A is:

- (i) for reconfiguring a lot, the equivalent population for those lots included in the development application determined using the rates outlined in Appendix 1 to this Policy, excluding any part of the land included in the application which are lots to be dedicated for town planning or road purposes; lots to be dedicated for open space purposes or lots to be surrendered to the Crown;
- (ii) for making a material change of use, the equivalent population for the use calculated using the rates outlined in Appendix 1 to this Policy.

B is:

- (i) for vacant land, 3.2 equivalent persons if the land is located within a reticulated water area; or
- (ii) if an existing building or existing work is proposed to be changed, the equivalent population for that part of the existing use that is proposed to be changed.

C is any applicable infrastructure credit for the land as outlined in the Register of Infrastructure Contributions and Credits.

D is the applicable water supply infrastructure unit rate per equivalent person (EP) as outlined in Appendix 2 to this Policy for the water supply zone in which the land is situated.

E is the infrastructure unit charge at the date the development application is approved by Council (see Council's Register of General Payments for details of the rates currently in force).

- (2) If the proposed equivalent population is less than the existing equivalent population, including any applicable existing use credit (i.e. the EP figure is negative) no water supply infrastructure contributions are required.

## **4.0 SEWERAGE TRUNK INFRASTRUCTURE**

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### **4.1 Sewerage Trunk Infrastructure**

- (1) The provisions in this section (including the Infrastructure Unit Rates for Sewerage Trunk Infrastructure) are as follows:
  - (a) the details of existing and future trunk infrastructure (see section 4.2);
  - (b) the desired standard of service for trunk infrastructure (see section 4.3);
  - (c) the trunk infrastructure to be provided and funded by the contribution (see section 4.4);
  - (d) each area in which the contribution applies (see section 4.5);
  - (e) type of lot, work or use, for which the contribution applies (see section 4.6); and
  - (f) infrastructure contribution calculations (see section 4.7 and 4.8).

### **4.2 Existing and Future Trunk Infrastructure**

#### **NOTE P7-4:**

Further details in relation to sewerage infrastructure can be found in the previous *Local Planning Policy No.3 – Contributions - Water Supply & Sewerage, 1994*. Figures presented in Table 4.4.1 and Appendix 3 have not been indexed from 1994 and need to be calculated against Consumer Price Index to give current financial year costs

- (1) The trunk infrastructure to be provided for is:
  - (a) wastewater treatment facilities;
  - (b) pumping stations and rising mains;as shown on Map 4.1.

### **4.3 Desired Standard of Service for Trunk Infrastructure**

- (1) The desired standard of service for the sewerage infrastructure is outlined in the Department of Natural Resources & Mines (Water Resources) *Guidelines for Planning and Design of Sewerage Schemes* and the following design criteria used for determining system capacity:
  - (a) dry weather flow: 475 litres per tenement per day.

### **4.4 Trunk Infrastructure for Sewerage Infrastructure Contributions**

- (1) The trunk infrastructure to be funded by an infrastructure contribution for sewerage trunk infrastructure is shown on Map 4.1 and the cost for the various items of sewerage infrastructure is outlined in Table 4.4.1.

**Table 4.4.1: Sewerage Trunk Infrastructure Costs for Murgon Town @ 1994 Costs (refer Note P7-4)**

Infrastructure Works	Total
Pump Stations and Rising Mains	235,000
Treatment Plant	1,483,000
<b>Total</b>	<b>1,718,000</b>

#### **4.5 Areas where Infrastructure Contributions Apply**

- (1) The area of the Shire subject to the sewerage infrastructure contributions is the township of Murgon and the boundary of the sewerage contribution sector is shown on Map 4.1.

#### **4.6 Application of Contribution**

Sewerage infrastructure contributions apply to every development application that involves the following in a contribution sector:

- (a) reconfiguring a lot; or
- (b) making a material change of use.

#### **4.7 Determination of Sewerage Infrastructure Unit Rates**

- (1) The Sewerage Infrastructure Unit Rates for the purposes of calculating sewerage infrastructure contributions is to be determined for the township of Murgon in respect of trunk infrastructure set out in Table 4.4.1.
- (2) The Sewerage Infrastructure Unit rate has been calculated, based on the design capacity of the system, as follows:

$$\text{Rate} = A/B$$

If:

- A is the establishment costs of the sewerage scheme; and
- B is 4000 being the equivalent population capacity of the sewerage treatment plant.

- (3) The sewerage infrastructure unit rate for Murgon, based on the calculation in paragraph (2), is contained in Appendix 3 to this Policy.

#### **4.8 Determination and Calculation of Sewerage Infrastructure Contributions**

- (1) The sewerage infrastructure contribution for any proposed development will be calculated as follows:

$$[(A - B) - C] \times D \times E$$

If:

A is:

- (i) for reconfiguring a lot, the equivalent population for those lots included in the development application determined using the rates outlined in Appendix 1 to this Policy excluding any part of the land included in the application which are lots to be dedicated for town planning or road purposes; lots to be dedicated for open space purposes or lots to be surrendered to the Crown; and
- (ii) for making a material change of use, the equivalent population for the use calculated using the rates outlined in Appendix 1 to this Policy.

B is-

- (i) for vacant land, 3.2 equivalent persons if the land is located within a reticulated sewerage area; or

- (ii) if an existing building or existing work is proposed to be changed, the equivalent population for that part of the existing use that is proposed to be changed.
  - C is any applicable infrastructure credit for the land as outlined in the Register of Infrastructure Contributions and Credits.
  - D is the applicable sewerage infrastructure unit rate per equivalent person (EP) as outlined in Appendix 3 to this Policy for the sewerage area in which the land is situated.
  - E is the infrastructure unit charge at the date the development application is approved by Council (see Council's Register of General Payments for details of the rates currently in force).
- (2) If the proposed equivalent population is less than the existing equivalent population, including any applicable existing use credit (i.e. the EP figure is negative) no sewerage infrastructure contributions are required.

## **5.0 PUBLIC PARKS INFRASTRUCTURE**

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### **5.1 Public Parks Infrastructure**

The provisions in this section relate to public parks infrastructure as follows:

- (1) the existing trunk infrastructure (see section 5.2);
- (2) the details of future trunk infrastructure (see section 5.3);
- (3) each area in which the contribution applies (see section 5.4);
- (4) type of lot, work or use, for which the contribution applies (see section 5.5); and
- (5) infrastructure contribution calculations (see section 5.6 and 5.7).

### **5.2 Existing Trunk Infrastructure**

- (1) The existing public parks infrastructure is shown on Map 5.1. Park type and performance guidelines are included in Table 5 below.

### **5.3 Future Trunk Infrastructure**

- (1) The future trunk infrastructure to be provided for public parks infrastructure is generally limited to the additional embellishment of existing reserves or the embellishment of currently unused reserves.

### **5.4 Areas where Infrastructure Contributions Apply**

- (1) The area of the Shire subject to public parks infrastructure contributions is the township of Murgon and the boundary of the contribution sector is shown on Map 5.1.

### **5.5 Application of Contribution**

- (1) Public Parks Infrastructure contributions apply to every development application that involves reconfiguring a lot for residential, commercial or industrial purposes in the contribution sector shown on Map 5.1.

### **5.6 Public Parks Infrastructure Unit Rates**

- (1) The parks infrastructure unit rates for Murgon is 500.

### **5.7 Determination and Calculation of Public Parks Infrastructure Contributions**

- (1) The public parks infrastructure contribution for any proposed residential, commercial or industrial reconfiguration will be calculated as follows:

$A \times 500 \times B$ :

If:

- A is for reconfiguring a lot, the additional number of lots included in the development application excluding any part of the land included in the application which are lots shown as being for any purposes other than residential, commercial or industrial purposes; and
- B is the infrastructure unit charge at the date the development application is approved by Council (see Council's Register of General Payments for details of the rates currently in force).

**Table 5 – Park Type and Performance Guideline<sup>1</sup>**

Park Type	Suggested Performance Guideline	Function/Role
<b>High Order Parks – Regulated by Zone Provisions and Not Forming Part of Infrastructure Contributions</b>		
National Park and Conservation Reserve	Areas declared under the <i>Nature Conservation Act</i>	Conservation with secondary tourism and outdoor recreation
Regional Parks	Parks declared under <i>Forestry Act</i> or <i>Water Act</i> or the <i>Recreation Area Management Act</i>	Multiple use
<b>Medium Order Parks – Refer Map 5.1</b>		
District Park (Town/Village Recreation Park)	Intensively managed flat terrain with good road exposure generally larger than 1ha in area that caters to a range of informal, social and cultural recreational activities for residents and visitors to the Shire (including the surrounding rural localities) and supported by appropriate amenities. Includes botanic gardens, town commons and urban environmental reserves.	Recreation
District Sports (Town/Village Sports Park)	Intensively managed flat terrain with good road exposure generally larger than 3ha in area that caters to formal/organised and informal sporting activities, both indoor and outdoor, including associated amenities and that services residents and visitors to the Shire (including surrounding rural localities).	Sports
Special District Sports Park	Large areas for special sports involving clubs such as equestrian, rifle shooting, swimming pools, tennis courts, motor sports, showgrounds, golf courses, racecourses	Sports
<b>Low Order Parks – Refer Map 5.1</b>		
Local Park	A “walk or ride to park” catering to local urban residents on a typical area of 0.5-2ha with play equipment, shaded areas and amenities. Some parks include waterway corridors and other linear spaces performing access, hydraulic, and other roles as well as trails or landscape enhancement	Neighbourhood recreation
Local Sports	Small areas assigned to clubs such as tennis and bowls, which have a local membership	Neighbourhood sports

<sup>1</sup> Source: *Recreation and Open Space Plan, Queensland Government, May, 2001 (Table 8.3)* as modified to provide for a framework for public parks infrastructure contributions.

## **6.0 TEMPORARY WORKS**

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### **6.1 General**

**NOTE P7-5:**

It is the Council's practice to minimise the incidence of temporary works within the Shire and such works will be required or permitted only in exceptional circumstances.

- (1) The construction of temporary works by a Developer may be required by the Council as a condition of approval of a development application.
- (2) All cost of temporary works are borne by the Developer.
- (3) If the Council approves the construction of temporary works all operation and maintenance costs are to be paid by the Developer until such time as the permanent works are constructed.
- (4) If approvals are required for temporary works from other statutory bodies or other landholders, these are the sole responsibility of the Developer.

## **7.0 INFRASTRUCTURE AGREEMENTS**

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### **7.1 General**

- (1) If an Infrastructure Agreement is required by the Council, details to be assessed and covered by the infrastructure agreement are to include, as a minimum, the following matters (as applicable):
  - (a) The calculated demand factor (e.g. equivalent population) applying to the development.
  - (b) The applicable networks of trunk infrastructure.
  - (c) The required infrastructure contributions.
  - (d) The date by which infrastructure contributions are to be paid.
  - (e) The nature and amount of security to be lodged and details of the use and release of such security.
  - (f) Details of the trunk infrastructure to be provided, including programming of such trunk infrastructure.
  - (g) Details of the responsible entity for the funding, design and construction of the trunk infrastructure, including any easement or land acquisition.
  - (h) Details of any infrastructure credit to be accrued to the Developer.
  - (i) Whether or not Council will permit the early accrual of infrastructure credits where a Developer does not have any accrued infrastructure credits but has substantially completed infrastructure works or the process of dedicating land for infrastructure purposes that upon completion/registration will entitle the Developer to accrue infrastructure credit.
  - (j) Whether or not Council will cash reimburse the Developer for accrued infrastructure credits.
  - (k) Details of any estimated 'refunds' to be paid from other users who will benefit from the trunk infrastructure the subject of the infrastructure agreement.
  - (l) Details of any approved temporary works, including programming of such works.
  - (m) Any other details deemed appropriate by Council.
- (2) Any infrastructure agreement required under this division is to be in writing and prepared by the Council at the Developer's cost or by the Developer at the Developer's cost (subject to such agreement being to the satisfaction of the Council).
- (3) Where more than one (1) infrastructure agreement relates to the provision of the same item of trunk infrastructure and such trunk infrastructure is provided, it is to be excluded from the Infrastructure Agreement with the Developer who did not provide the trunk infrastructure and all calculations of infrastructure credits, cash reimbursements or the like are to be reduced to take into account the non-provision of the trunk infrastructure.



## **8.0 REGISTER OF INFRASTRUCTURE CONTRIBUTIONS AND CREDITS**

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### **8.1 General**

**NOTE P7-6:**

All infrastructure contributions paid to the Council by Developers are to be subject to procedures prescribed under the *Integrated Planning Act, Local Government Act, Local Government Finance Standard* and *Finance Reference Manual*.

- (1) The Council is to maintain a register in which is recorded at least the following—
  - (a) all infrastructure contributions payable;
  - (b) all infrastructure contributions received;
  - (c) all securities lodged with the Council in respect of payment of such infrastructure contributions; and
  - (d) details of the accrual, variation, set-off, allocation and reduction of any infrastructure credit outlined in an Infrastructure Agreement.

## **9.0 CONNECTING WORKS & INTERNAL WORKS**

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### **9.1 *Connecting Works***

#### **Extent of Works**

- (1) Reticulation networks internal to the premises are to be connected to the Council's external infrastructure networks, systems or schemes by connecting works, at the point nominated by the Council.

#### **NOTE P7-7:**

- (1) The Council will define the nominated connection point for each item of infrastructure.
- (2) Subject to section 9.1(3), connecting works do not include works defined as trunk infrastructure.
- (3) Connecting works may include any augmentation of existing trunk infrastructure necessary to meet the Council's desired standard of service within the development.
- (4) The extent of connecting works is to be determined by the Council.
- (5) The cost of such determination, including the cost of providing to the Council any related information required by the Council, is to be borne by the Developer.

#### **Funding of Connecting Works**

- (2) Subject to section 9.1(3), the total cost of connecting works is the responsibility of the Developer.
- (3) The Council may require that a Developer increase the capacity of certain connecting works to enable them to also serve other developments in the vicinity, in which case such works are to be deemed to be trunk infrastructure.

#### **Design and Construction of Connecting Works**

- (4) Subject to section 9.1(3), connecting works are to be designed and constructed by the Developer so as to fully serve the area of land capable of being developed.

#### **NOTE P7-8:**

- (1) For the purposes of clarity it is recorded that:
  - (a) at the time part of any land is developed in accordance with an approval issued pursuant to the Act or the Planning Scheme, the connecting works for the land are to be designed and constructed to meet the reasonably anticipated level, nature and intensity of development capable of being established upon full development, even though the development approved by the relevant development approval does not require connecting works to that extent;
  - (b) the Council may require the submission by the Developer of information to determine the reasonably anticipated level, nature and intensity of development;
  - (c) except as provided in Section 9.1(3), the Council is not responsible for construction or the cost of any part of the connecting works; and
  - (d) any approvals of other statutory bodies and/or other landholders required of the Developer for connecting works are the Developer's sole responsibility.
- (2) The Council may permit the Developer to construct temporary connecting works at the Developer's cost and in accordance with section 6 of this Policy.

### **9.2 *Internal Reticulation Networks***

- (1) Internal reticulation networks do not include connecting works or works defined as trunk infrastructure.

- (2) The total cost of internal reticulation networks is the responsibility of the Developer.
- (3) Internal reticulation networks are to be designed and constructed by the Developer so as to fully serve the area of land capable of being developed.

**NOTE P7-9:**

- (1) For the purposes of clarity it is recorded that:
  - (a) at the time part of any land is developed in accordance with an approval issued pursuant to the Act or the Planning Scheme, the internal reticulation networks in that part of the land are to be designed and constructed to meet the reasonably anticipated level, nature and intensity of development capable of being established upon full development, even though the development approved by the relevant development approval does not require internal reticulation networks to that extent;
  - (b) the Council may require the submission by the Developer of information to determine the reasonably anticipated level, nature and intensity of development;
  - (c) the Council is not responsible for construction or the cost of any part of the internal reticulation networks; and
  - (d) any approvals of other statutory bodies or other landholders required of the Developer for internal reticulation networks are the Developer's sole responsibility.
- (2) The Council may permit the Developer to construct temporary internal reticulation networks at the Developer's cost and in accordance with section 6 of this Policy.

## 10.0 GLOSSARY OF TERMS

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### 10.1 Administrative Definitions

- (1) For the purpose of this Planning Scheme Policy, the following terms have the meanings respectively assigned to them:
- (a) “*Capital Cost*” of trunk infrastructure means the sum of the current cost of infrastructure (including land acquisition costs where specified in this Infrastructure Planning Scheme Policy) and construction on-costs. The term includes interest costs on any associated loans, where Council incurs those interest costs.
  - (b) “*Capital Works Program*” means the five (5) year indicative program of works maintained by Council.
  - (c) “*Connecting Works*” means works required to connect the development to Council’s Trunk Infrastructure Systems or Networks. The term includes Water Supply Works External and Sewerage Works External.
  - (d) “*Construction on-costs*” means the cost of planning and design, survey and site investigation, supervision, coordination and project management fees and construction contingencies.
  - (e) “*Current cost*” of trunk infrastructure means for the purpose of determining the infrastructure unit rates land acquisition or securement costs (including any costs associated with ensuring the land is suitable for development) or the cost of constructing infrastructure at current day values.
  - (f) “*Demand Factor*” means the attribute (expressed in population, equivalent persons or other terms outlined in this Planning Scheme Policy) generated by a development, determined according to the provisions of this Infrastructure Planning Scheme Policy.
  - (g) “*Developer*” means an entity that undertakes works pursuant to a development permit.
  - (h) “*Development Application*” has the meaning given to it in the *Integrated Planning Act*.
  - (i) “*Equivalent Person (EP)*” means the service demand created by an average occupant of an average occupied private residential dwelling.
  - (j) “*Equivalent Population*” of a development means for an area of land or a development, the service demand generated by the area of land or development, expressed in equivalent persons (EP).
  - (k) “*Establishment cost*” of trunk infrastructure means the sum of the capital cost and Council’s planning administration costs for establishing the infrastructure.
  - (l) “*Infrastructure credit*” means for the relevant trunk infrastructure network an equivalent population credited by the Council to a Developer that offsets expenditure by the Developer on trunk infrastructure (including the dedication of land) against infrastructure contributions payable by the Developer consequent to an approval of a development application.
  - (m) “*Planned Population*” of an area of land means the estimated residential and non residential population of the area at full development of the land, as determined from Council’s planning scheme and expressed in equivalent population.
  - (n) “*Sewerage Works External*” means those works, structures or equipment necessary for the purpose of connecting sewerage reticulation networks internal to the premises to Council’s sewerage trunk infrastructure network.
  - (o) “*Trunk Infrastructure*” means:

- (i) those works, structures or equipment which are part of the infrastructure networks outlined in this Planning Scheme Policy; or
  - (ii) those connecting works where the capacity is increased (at the request of Council) to enable them to also serve other developments in the vicinity.
- (p) “*Water Supply Works External*” means those works, structures or equipment necessary for the purpose of connecting water reticulation networks internal to the premises to Council’s water supply trunk infrastructure network.
- (2) All other terms used in this Planning Scheme Policy are as defined in the Planning Scheme, Local Laws, Planning Scheme Policies or other relevant Acts.

## APPENDIX 1: Land Use Equivalent Persons

Defined Uses and Use Classes		Unit	EP/Unit
<b>Residential</b>			
Caretaker's residence & Annexed unit		1 bed	1.5
		2 beds	2.5
		3 beds	3.2
Multiple dwelling units (up to 2 units)		1 bed	1.5
		2 beds	2.4
		3 beds	3.2
Multiple dwelling units (3 + units)		1 bed	1.5
		2 beds	2.4
		3 beds	3.2
Bed and breakfast		Bed	1.6
Caravan park (inc camp sites)		Site	2.0
Dwelling house		Per dwelling	3.2
Accommodation building	Boarding/guest house/hostel	Bed	1.6
	Motel	per Unit	1.6
<b>Commercial/Industrial</b>			
Commercial Uses <sup>(1)</sup>	Sales or hire premises	per 100m <sup>2</sup> (GFA)	0.5
	Shop	per 100m <sup>2</sup> (GFA)	1.18
	Restaurant	per 100m <sup>2</sup> (GFA)	4
	Take away food store	per 100m <sup>2</sup> (GFA)	7.5
	Hotel	per 100m <sup>2</sup> (GFA)	1.5
	All other uses	per 100m <sup>2</sup> (GFA)	1.25
General industry <sup>(1)</sup>		per 100m <sup>2</sup> (GFA)	0.75
Storage premises		per 100m <sup>2</sup> (GFA)	0.25
Light industry <sup>(1)</sup>		per 100m <sup>2</sup> (GFA)	0.75
<b>Recreational</b>			
Recreational Use	Indoor Entertainment	per 100m <sup>2</sup> (GFA)	0.5
	All other uses	per 100m <sup>2</sup> (GFA)	1.5
<b>Community</b>			
Community Use	Child care centre	Staff and Children	0.25
	Primary school	Staff and Pupils	0.25
	Secondary school	Staff and Pupils	0.5
	Tertiary use	Staff and Pupils	0.5
	Hospital	Bed	3.4
	All other uses	per 100m <sup>2</sup> (GFA)	0.5

<sup>(1)</sup> These rates do not apply to water intensive establishments that are likely to significantly exceed the specified EP/unit rates. For infrastructure intensive establishments, an individual EP/unit rate is to be calculated based on the anticipated or actual water usage or effluent discharge.

***APPENDIX 2: Water Supply Infrastructure Unit Rates***

Water Supply Zone	Unit Rate \$/EP
Murgon - Normal water supply scheme	270.67

***APPENDIX 3: Sewerage Infrastructure Unit Rates***

Sewerage Area	Unit Rate \$/EP
Murgon	429.50