Proposed Local Government Infrastructure Plan (LGIP) Interim Amendment No. 1: Stormwater and transport network models specific to this amendment

Model provision

Moreton Bay Regional Council (Council) invites inspection of the models used for the stormwater and transport networks for the Proposed LGIP Interim Amendment No. 1 (proposed amendment).

Purpose

The models are provided for the sole purpose of public consultation on the proposed amendment, as required by the *Planning Act 2016* and *Minister's Guidelines and Rules 2020*. The models assist in demonstrating, in a consistent and transparent manner, the soundness of the network planning that underpins the LGIP.

Limitations on use

The models must not be copied, altered, manipulated, distributed, commercially exploited or otherwise used for any other purpose than stated above. The models are referred to in the extrinsic materials supporting the LGIP and were prepared specifically for the proposed amendment. The models reflect the conditions operating in the preparation period of this amendment. These models must not be used for direct marketing or be used in breach of the privacy laws.

No warranty

In accessing the models, you acknowledge and agree Council gives no warranty in relation to the data (including accuracy, reliability, completeness, currency or suitability) and accepts no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data.

Access

The models provide data only and those applying for this data must have compatible software to read the files. Council provides the models in the format and status used for the proposed amendment. Council will not provide technical support to interpret the models.

Stormwater quality

Models used for the proposed amendment **stormwater quality** network planning are:

- The Source version used is Version 4.11.0.10590
- The MUSIC version used is Version 6.3 (Build 0.1908).

Stormwater quantity

Models used for the proposed amendment **stormwater quantity** network planning are:

- 2010 WBNM executable
- TUFLOW Build version 2018-03-AE-iSP-w64

Transport

The Transport (Roads) models for the proposed amendment use a combination of EMME and VISUM software packages as follows:

- Moreton Bay Regional Strategic Multi-Model Transport Model (MBRSTM) was developed in the EMME package and works as a 4-step strategic transport model. This multimodal model forecasts transport demand in and around the Moreton Bay Region based on demographic inputs and land use assumptions.
- MBRC Visum ('MBRC Visum') model has been developed with a refined zoning system and detailed network coding and is mainly used for traffic assignment purposes. This model is a single modal traffic model.