

**TITLE: FLOOD & INUNDATION MANAGEMENT POLICY NO. 8****ADOPTED: 15 March 2006****AMENDED:**

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**Purpose of the Policy**

- (1) The purpose of the Flood & Inundation Management Planning Scheme Policy is to provide guidance for proponents making a development application over land which is subject to flooding or tidal inundation.
- (2) In particular, this Policy provides guidance with respect to the extent of filling in the vicinity of the flood corridor limits (reclamation limits) and establishes information to be provided with any application involving development on flood/tidal inundation affected land.

**Supporting Information**

- (1) Council may require information which includes:
  - (a) A hydraulic study for nominated flood events and subsequent hydraulic analysis where suitable historic flood data is not available;
  - (b) A flood frequency analysis of the available historical data to indicate a likely AEP of the recorded events with consideration of any changes to the flood plain that may affect run-off and flow rates; and
  - (c) Where an existing suitable flood study exists for an area then, the data can be used as basis for further studies.

**Pioneer River, Gooseponds Creek, Janes Creek and Bakers Creek**

The following information is provided to assist applicants.

Sections of the Pioneer River, Gooseponds/Janes Creek and Bakers Creek at Walkerston are under the Control of Pioneer River Improvement Trust (PRIT).

**Flood Level Assessment**

- (1) Flood level assessments have been carried out for various AEP for the different streams within the Mackay Urban area. This is a continuing process and flood levels will be the subject of review from time to time as more land development occurs, further information becomes available and more details are sought.
- (2) In general the following flood level information is available for stream sections referred to herein:
  - (a) Pioneer River
    - 1% AEP (100 year ARI)
  - (b) Gooseponds/Jane Creek
    - (i) 2% AEP (50 year ARI)
    - (ii) 1% AEP (100 year ARI)
  - (c) Bakers Creek at Walkerston

- (i) 2% AEP (50 year ARI)
- (ii) 1% AEP (100 year ARI)

**Additional Stream Information**

Different circumstances apply to each stream and the following information relates to each stream.

**Pioneer River**

- (1) The majority of the Pioneer River Section referred to in this Policy is provided with or is proposed in the future to be provided with some limited protection from a levee bank system.
- (2) Development levels for filling and building floor levels will vary depending on location and circumstances of the particular development.

**Gooseponds/Jane Creek**

The lower section of the Gooseponds from a location downstream of Willetts Road is provided with or proposed to be provided with a levee bank system. Development levels for filling and building floor levels in this section will vary depending on location and circumstances of the particular development. Upstream of Willetts Road a levee system will not apply.

**Bakers Creek at Walkerston**

Walkerston has been the subject of major flooding in the past wherein major areas of the town have been inundated. This is also expected to occur on future occasions.

**Advice from PRIT**

Where appropriate, Council will seek the comments of the Pioneer River Improvement Trust (PRIT).