



# Tooan Tooan Creek Catchment - Flood Risk Study

Tooan Tooan Creek catchment consists of both the areas known as Tooan Tooan Creek and Lowlands Lagoons, with a contributing catchment area exceeding 900 hectares of low-lying, naturally drainage constrained land adjacent to the Hervey Bay foreshore.

The natural Tooan Tooan Creek catchment area contains a number of smaller sub-catchment areas:

- Lowland Lagoons
- Stephenson Street
- Thomas Street
- Niels Street
- Taylor Street
- The Point
- Whithy Street
- Confluence Zone

The total area extends from Tooth Street in the west, across to Edward Street in the east and from the Hervey Bay foreshore back to south of Boat Harbour Drive.



Previous flood modelling for this catchment area was limited by modelling and software techniques, computer processing capacity and limited ground level detail and the resulting flood risk information was limited in its' level of detail and accuracy at fine scale.

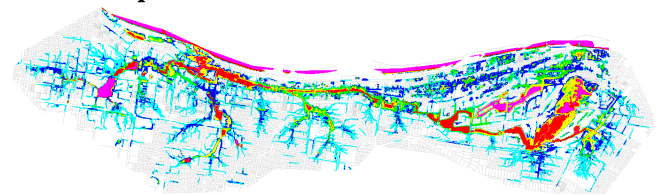
Due to the above limitations, Council was unable to generate a single model to cover the whole catchment area and relied on a number of smaller sub-catchment models to inform flood risk information within this locality.

Significant advancement in flood modelling software, computer processing capacity and detailed LiDAR ground level information has provided the opportunity to

generate a single highly detailed flood model across the entire natural catchment area, ensuring that the true flood dynamics of the whole catchment are represented and the resulting flood outputs provide detailed flood risk information.

Once adopted, the updated flood risk information is reflected in the Fraser Coast Planning Scheme – Flood Hazard Overlay and is used for a range of applications including:

- Disaster Management planning purposes;
- Individual property risk assessment;
- Development and town planning assessment;
- Flood and drainage mitigations options assessment; and
- Road hazard immunity and upgrade requirements.



It is important to note that the risk that a property might flood existed before the risk was identified and confirmed in any detailed flood study.

Although you may not have been affected by historical flood events, this does not mean that your property is not subject to flood risk in future or larger flood events than those experienced to date.

Being inside or outside the adopted Flood Hazard Area does not guarantee that your property will or will not flood.

### Need further information?

Council's website has a range of information on flooding including:

- Answers to frequently asked questions
- Interactive flood maps
- Disaster Management information
- Building and Planning requirements in a flood area

Visit: <https://frasercoast.engagementhub.com.au/> for information relating to the current Planning Scheme Amendment.

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