

OIR: 2425/1214

12 December 2024

[REDACTED]
[REDACTED]

Tēnā koe [REDACTED],

Request for Information under the Local Government Official Information and Meetings Act 1987 (the Act) (the LGOIMA)

Thank you for your email request **5 December 2024** requesting the following information:

1) *I believe KCDC has received new ponding/flooding maps for all or part of the Kapiti district?*

Yes. The Council is currently updating its flood hazard model, which includes improved data such as ground level information (LiDAR), infrastructure 'as-builds', groundwater levels, and updated hydrological inputs.

The enhanced model uses TUFLOW software and considers a range of flood frequencies and climate change scenarios. The updated model will provide more accurate and comprehensive flood hazard information for parts of the Kāpiti district.

2) *Are these maps different from those loaded on the KCDC website?*

Yes. The newly developed model outputs provide a more refined version of the flood hazard maps currently on the Council's website.

While they represent the same design event (a 1-in-100 year event projected to 2130, including climate change effects), the updated maps incorporate more detailed data and improved modelling methods, resulting in greater accuracy and clarity.

Please note that any information provided in response to your request may be published on the Council website, with your personal details removed.

3) How long has KCDC staff had access to these new ponding maps and flood Hazard maps?

The updated flood model has been in development for approximately 18 months. During this period, Council's flood consultants and staff have been engaged in calibrating the model against historical flood events, verifying early outputs, and conducting thorough quality checks.

As the model has evolved and neared completion, staff have gained increasing access to the updated maps to prepare for their eventual public release.

4) If the release of these maps has been delayed to the Kapiti public, and why?

There has been no delay. Rather, Council is currently preparing a comprehensive package of information to accompany the new maps. This includes guidance to help the public understand the model's context, methodology, and outputs.

Ensuring that this supporting information is ready will help the community interpret the new flood hazard data with confidence and provide meaningful feedback once the maps are shared.

5) When will these maps be released to the wider public?

Council intends to commence public engagement on the new flood model outputs in February/March 2025. During this engagement, residents will have the opportunity to view the updated maps, offer their insights based on local and historical experience, and contribute feedback to help finalise the model.

This collaborative process aims to ensure that the final published maps are both accurate and useful to the community.

6) When will these Maps be released to those in the construction sector?

The updated maps will be available online during the public engagement phase, enabling the construction and development sectors to review them at the same time as the general public. After the model is finalised, the maps will be integrated into Council's online mapping portal.

In addition, the underlying flood hazard model will be made accessible to qualified industry professionals, along with guidance and training on how to use it for scenario testing and informed development planning.

In the interim, the draft model is currently being referenced, in an advisory capacity, in the assessment and refinement of some local developments, to assist the resolution of known flooding issues.

Ngā mihi,



Sean Mallon

Group Manager Infrastructure and Asset Management
Kaiwhakahaere Rōpū Anga me te Whakahaere Rawa