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RMA Form 5

Submission on publicly notified proposed district plan

Clause 6 of Schedule 1, Resource Management Act 1991

Privacy Statement

Your submission must include your name, and an address for service (preferably email, but you can use a postal address). All information you include in this submission, including your name and address for service, will be provided to other submitters and published on Hutt City Council's website. Paper copies may also be made available. Hutt City Council is required to collect and publish this information to carry out its functions under the Resource Management Act 1991 and to enable others to take part in the district plan process. The Council, other submitters, and the Environment Court may need to contact you during this process.

If your submission does not include your name and an address for service, it will be rejected.

While the Council will retain all information provided in your submission in secure council systems, all contact details will be removed from any documents published on Council's website once the district plan process is complete. However, your name and the contents of your submission will still appear in these documents.

You have the right to ask for a copy of any personal information we hold about you, and to ask for it to be corrected if you think it is wrong. If you'd like to ask for a copy of your information, or to have it corrected, please contact us at contact@huttcity.govt.nz, call 04-570-6666, or write to us at Private Bag 31912, Lower Hutt 5040.

To: Chief Executive, Hutt City Council

Via email to district.plan@huttcity.govt.nz.

1. This is a submission from **Dieter Ernst Engel** on the Proposed Lower Hutt District Plan 2025. My postal Address for service is 55 Taranaki Street Masterton 5810
2. My email address for service is DEngel@management-partners.co.nz.
3. I **could not** gain an advantage in trade competition through this submission.
4. The specific provisions of the proposal that my submission relates to, my submission on those provisions, and the decisions I seek are shown in the below table. I also seek all further, alternative, necessary, or consequential relief as may be necessary to fully achieve the relief sought in this submission.
5. I **wish** to be heard in support of my submission.

6. If others make a similar submission, I **will** consider presenting a joint case with them at the hearing.

Introduction

Our family has lived at 10A Bloomfield Terrace in Lower Hutt since 1982. My wife and I now temporarily live in Masterton to provide child support for our grand daughter. Our intention is to retain the property as a family home for the next generations. The proposed Plan will impact on the integrity and wellbeing

The proposed DP expands on natural hazards as the most areas of concern.

Those have been with us for decades and longer.

Simple facts of physics and thermodynamic show that air takes up more moisture from water surfaces if the temperatures are increased.

What goes up has to come down, mainly as rain.

Rain sinks into the ground and is temporarily stored in vegetation and excess water runs down the path of least resistance.

Lower Hutt city area has been increasingly overbuilt thus reducing permeable ground and vegetation.

Reducing the section sizes to build a house, tolerating large concrete driveways and parking areas meant more stormwater run off.

Large areas of the city are drained, directed to the Opahu stream resulting in surface flooding towards the lower end of the catchment.

A map of the catchment for the Opahu stream from the GWRC shows a catchment area of about 1,024,000 m² and a partial line of the stream bed.

However the real catchment area is about 500,000 m² or more larger if one follows the drainage maps from the LHCC and Wellington Waters.

Decisions Requested

#	Chapter	Provision	Position	Reasons	Relief sought
1	Summary of natural hazard rainfall	Rainfall predictions	Support with amendment	Rainfall prediction estimates of 35 % do not quite reconcile with the NIWA maps for the next decades.	Improve transparency how and why the 35% are used as a benchmark.s
2	High Density Residential Zone	HRZ-04)	Support with amendment	Building heights differ between 36m and 22 m High quality engineering is required to avoid collapse to neighbouring properties .	Add more specific rules towards building integrity versus earth quakes Shopping centre collapse in Hutt central is an example of how not to build
3	Stormwater flood maps	High flood risk	Support with amendment	There is no legend explaining how deep or high the water may rise.	Provide an elevation map with measurements of different flood levels.
4	Subdivisionst	11.1.3 Natural hazards rainfall)	Support with amendment	Subdivisions and new building should be judged based on their "LOAD FACTOR" on the Stormwater infrastructure as well as on properties down stream.	Amend provision:
5	Overall plan subsidence		Support new provision	Wellington Water states that it can take 150 million litres of water per day from the Hutt River This equates to 150,000 M3	Harvesting water from the artesian flows and the speed of the replenishment will impact on the soil composition and any subsidence. A geological assessment about the mechanics of this process is required to identify limits of this process and potential risks

#	Chapter	Provision	Position	Reasons	Relief sought
6	Map	Opahu stream	Support with amendment	The plan from GWRC shows only a portion of the stream and the catchment area ..	Update the map and add to the catchment all open pathways and underground feeder pipes areas.
7	Stormwaters	various	various	Detailed drainage plans show an intricate network of open flows and piped channels	LHCC needs to provide a plan how the overall rainfall will be managed in the light of the future increases of rainfall A plan is as well required on the remedial action the LH CC will take to mitigate the now high flood risks areas along the Opahu stream.