



Upper Hutt City Council

838-842 Fergusson Drive
Private Bag 907
Upper Hutt 5140

T (04) 527 2169

F (04) 528 2652

E askus@uhcc.govt.nz

W www.upperhuttcity.com

Wellington Water
C/- Helen Anderson
Jacobs
Level 8,
1 Grey Street,
Wellington 6011

Date: 3 February 2020

File: : 351/10/006

Dear Helen

REQUEST FOR FURTHER INFORMATION FOR THE PINEHAVEN STREAM NOTICE OF REQUIREMENT

Following the receipt of the submissions, several matters have been raised by the submitters which I require further information on to enable further assessment of your application. These matters are as follows:

1. Please confirm the ARI (annual recurrence interval) of the storm and associated flood event. If the ARI for the rainfall event is different to that of the flood event, please provide some commentary as to why this may be the case (i.e. distribution or rainfall, duration of event etc.....)
2. Please provide a comparison assessment of the flood/rainfall event of 8 December 2019 with the model outputs for the comparable flood event, and comparisons with the modelled 10-year and 100-year events. Is the relevant model output comparable to the December 2019 event? Please provide comments on differences between observed flood extents and those contained in the FMP and planning maps, noting whether any discrepancies are due to factors such as the size of event, or the inclusion of freeboard, blockage or allowances for climate change.
3. Please explain the infiltration capacity used in the model, why this has been used and why it is appropriate for this location. Has the catchment been treated as 'bare' (i.e. no trees, infiltration from bush/forest areas)? What is the CN value that has been applied for the pre-development hydrology? Is the CN value 96, as back-calculated by RJ Hall's review?
4. Please confirm whether improvement works at the 122 Pinehaven Road culvert are required and within the scope of this work.
5. Please advise whether the increased elevation of the Silverstream Reformed Church site (associated with the discharge of cleanfill material to land) has been included in the model and Flood Hazard Assessment?
6. Please provide an assessment of effects of stormwater runoff and associated flooding due to the discharge of cleanfill material to land at the Silverstream Reformed Church.
7. Please confirm the volume of cleanfill material to be discharged to land at the Silverstream Reformed Church, including a plan showing the proposed area and height of the discharged material.
8. Please confirm how it is proposed to secure the Secondary Overland Flow Path along the driveway of 11 Birch Grove?

If you have any queries in respect to this application please contact me on 022 659 1996 or by email at James@uep.co.nz

Please note:

1. The above information must be provided within fifteen (15) working days from the date of this letter unless you advise Council in writing that:
 - a) you agree to provide the information but cannot do so within fifteen working days, or
 - b) you refuse to provide the information.
2. If you agree to provide the requested information but cannot do so within 15 working days Council may accept any suggested alternative date or may set any other "reasonable" date by which the information is to be provided, in accordance with s92A(2).
3. These provisions are in accordance with sections 92, 92A, and 95C of the Resource Management Act 1991 as amended by the Resource Management (Simplifying and Streamlining) Amendment Act 2009.
4. In accordance with section 357A of the Resource Management Act 1991 you may object, within fifteen (15) working days from the date of this letter, to this request for further information. On receiving an objection in writing, the Council shall hear the objection and may uphold the objection wholly or partly.

Regards,



A handwritten signature in blue ink that reads "James W." followed by a stylized flourish.

James Beban

Senior Planner (consultant)

