

IN THE MATTER OF SUMMERSET VILLAGES (LOWER HUTT) LIMITED

AND

HUTT CITY COUNCIL

**EVIDENCE OF RYAN HENARE ROSE FOR
WELLINGTON WATER LTD**

19 September 2018

INTRODUCTION

1. My name is Ryan Henare Rose, and I am the Land Development Manager at Wellington Water Limited.
2. I am an Engineering New Zealand member with 16 years' experience in the area of municipal engineering.

CODE OF CONDUCT

3. I have read the Environment Court Code of Conduct for expert witnesses and agree to comply with it. I confirm that the issues addressed in this brief of evidence are within my area of expertise. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed. I have specified where my opinion is based on limited or partial information and identified any assumptions I have made in forming my opinions.

SUMMARY OF EVIDENCE

4. My evidence addresses the concerns relating to potable water and wastewater raised by the submitters on the Resource Consent Application for the Summerset Boulcott Street Development in Lower Hutt (2018) (the proposal) and matter of discretion (vii)(a) and (e) of Rule 4A 2.3(n) of the City of Lower Hutt District Plan.
5. A number of the submissions raised concerns around the potential for the proposal to increase the demand on infrastructure in the area. In the majority the submissions were very general in nature and just stated that the infrastructure was under capacity.
6. One submission stated that the wastewater system in Boulcott Street is currently undersized and overflows in wet weather. The wastewater design for the site discharges to Military Road and hence will not result in an increase in flow to Boulcott Street.
7. In my opinion the applicant has undertaken a thorough assessment of the wastewater and potable water supply networks using qualified and

experienced engineers. The engineering firm consulting on the development (Beca Group Ltd) has assessed the network and the impacts of the development using appropriate methodologies.

8. The wastewater pumpstation has 12 hours storage and will discharge at off-peak times to mitigate any effects on the downstream system.
9. The potable water system has been shown to be adequate for domestic demands. The suitability for fire demand will be required to be confirmed as part of the engineering approval stage.
10. The applicant's engineers have worked extensively with Wellington Water Ltd through the course of preparing the application and have been willing to accept design changes upgrades where it has been requested.
11. In my opinion the application has met Wellington Water Ltd's expectations and standards for the management of wastewater and provision of potable water.

CONCLUSION

12. In summary, I am of the view that:
 - (a) The applicant's engineers have undertaken a thorough assessment of the impact of the proposed development on the local wastewater and potable water networks
 - (b) That the applicant has proposed a design of infrastructure that meets Wellington Water Ltd's Standards.

Dated this 19th day of September 2018

Ryan Rose