

BEFORE THE VARIATION 2 HEARING PANEL

IN THE MATTER

of the Resource Management
Act 1991

AND

Variation 2 to the proposed
Second Generation Dunedin City
District Plan (2GP)

STATEMENT OF EVIDENCE OF JONATHAN KRAUSE FOR DUNEDIN CITY COUNCIL

18 October 2021

QUALIFICATIONS AND EXPERIENCE

1. My name is Jonathan Krause.
2. I am seconded into Dunedin City Council ("the Council") as a Project Manager with the 3 Waters Group. In my current role I am responsible for delivering the Watercourse Programme.
3. I hold a Bachelor of Science in Civil Engineering from the University of Vermont and a Masters of Science in Civil Engineering from the University of Colorado, Boulder, both located in the United States of America. I am a Chartered Engineer in New Zealand and a registered Professional Engineer in Connecticut, USA. I have over 21-years of experience working as a consulting civil engineer all with my current employer, Stantec (and its predecessors).
4. I have read the Code of Conduct for Expert Witnesses in the Environment Court Practice Note. This evidence has been prepared in accordance with it and I agree to comply with it. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed.

SCOPE OF EVIDENCE AND OVERVIEW

5. My evidence relates to submissions related to storm water and watercourse services and has been prepared by myself.

CONCLUSION

7. It is my opinion that the information within the memo is correct.

DATED this 18th day of October 2021



Jonathan Krause

Memorandum

TO:	Paul Freeland, Principal Policy Advisor, City Development
FROM:	Jonathan Krause, DCC 3 Waters
DATE:	19 October 2021
SUBJECT:	VARIATION 2: RESPONSE TO REQUEST FOR COMMENTS ON SUBMISSIONS FOR HEARING 2A - INTENSIFICATION

INTRODUCTION

1. The 3 Waters department received a memo from you dated 22 June 2021 requesting comments on Variation 2 in relation to 3 waters and specific questions you have raised as a result of reviewing submissions. In particular you have requested advice on submissions that related to the Watercourse Programme 3 Waters manages.
2. I have considered the relevant submissions on the topics/issues you highlighted and your specific questions.
3. Please find below my response on these topics/questions in the grouping that you posed these requests.

HEARING 2A COMMENTS

Watercourse Programme

4. The 3 Waters 'Watercourse Programme' considers private watercourse issues. Watercourses on private property are generally not owned or managed by the DCC. These watercourses are the responsibility of the landowners whose properties they pass through. However, the Watercourse Programme provides a means of addressing a limited number of high priority watercourse issues on private land.
5. Under the Watercourse Programme, sites with known watercourse-related issues are evaluated and then added to a prioritized list. Maintaining a prioritized list allows resources to focus on the neediest sites in preference to lower priority sites. As new sites are identified, they are added to the list. Doing so may affect the priority ranking for other sites.
6. There are approximately 55 sites on the prioritized list. I can progress permanent solutions at approximately five sites on the list at any one time.

IN05 Mornington (north) – Rezoning from General Residential 1 (GR1) to General Residential 2 (GR2)

7. You have requested comments on the submissions by Anthony Reid (S143.001), Elizabeth Prior (S148.001), and Jeanette Allan (S98.001) which raised concerns regarding specific stormwater issues (Ross Street, Alison Crescent and Hawthorne Avenue) and whether these specific locations have been investigated by 3 Waters and whether they will be part of any proposed upgrades for the area in the future.

8. All three submitters have private open channel or piped watercourses on their properties which have existing issues.
9. The issues with Alison Crescent are already included in the 3 Waters Watercourse Programme. The Alison Crescent site is currently 43rd on the priority list, however this ranking can change as new sites are added to the list.
10. Any new development in the Alison Crescent area would be connected to the existing stormwater piped network, not the piped watercourse main that extends through 6 and 8 Alison Crescent. In other words, any new development in this area will not increase flows in the watercourse.
11. With regards to the issue at Hawthorn Avenue and Napier Street, I will contact the landowner and assess the site. If appropriate, this site will be added to the Watercourse Programme.

IN09 Maori Hill – Rezoning from General Residential 1 (GR1) to General Residential 2 (GR2)

12. You have requested comments on the submissions raising concerns regarding specific stormwater issues (around Prestwick and Monro Street, and Cannington Road) and whether these locations have been investigated by 3 Waters and whether they will be part of any proposed upgrades for the area in the future.
13. In response to the submission from Barbara Kennedy (S141.001) I make the following comments. The issues at the submitter's property are already included in the 3 Waters Watercourse Programme. As new sites are identified and added to the list the priority ranking for other sites can be impacted, as has been the case for this property.
14. Stormwater flooding to habitable floor level at the submitter property occurred as a result of blocking of the mud tanks on Cannington Road adjacent to the submitter's property. As a result, these mud tanks have now been put on to DCC's 'priority maintenance list', meaning that they are regularly checked and cleared as necessary. DCC are not able to clear mud tanks on watercourses on private property as these are not owned by DCC.
15. DCC have also contributed to drainage improvements in the area which have improved the resiliency against flooding for the submitter's property. These improvements were completed after the two occasions of flooding within the submitter's property.

Jonathan Krause

PROJECT MANAGER – WATERCOURSE PROGRAMME