

Before the Independent Commissioners appointed by the Waimakariri District Council

In the matter of the Resource Management Act 1991 (**the Act**)

And

In the matter of Proposed Waimakariri District Plan

And

In the matter of the submission by Alistair John Dugald Cameron (#180)
seeking the rezoning of land at 2 Auckland Street, Ashley
Village.

Brief of evidence of Clement Maloney on behalf of Alistair Cameron

Dated: 04 March 2024

Andrew Schulte (andrew.schulte@cavell.co.nz)
Counsel for respondent

CavellLeitch >
LIMITED

AJS-132179-179-56-V1-e

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Evidence of Clement Maloney:

Introduction

1. My name is Clement Maloney
2. Senior Civil Engineer with Davis Ogilvie and Partners (BE Civil, MEngNZ), I have been working in the industry for 19 years and specialise in the design of sewer and stormwater infrastructure.

Code of conduct

3. In preparing my evidence I have reviewed and agree to comply with the Code of Conduct for Expert Witnesses contained in Part 9 of the Environment Court Practice Note 2023. This evidence has been prepared in compliance with the Practice note. I confirm that the issues addressed in this statement of evidence are within my area of expertise, except where relying on the opinion or evidence of other witnesses, which I will specify. I have not omitted to consider any material facts known to me that might alter or detract from the opinions expressed.

Scope of evidence

4. I have prepared a Preliminary Services Report outlining the preliminary engineering design concepts including earthworks, roading, lighting, 3-waters, telecommunications, and power services in relation to Mr Cameron's submission. The report also includes confirmation of service capacity from service providers.
5. Confirmation has been received from WDC that the council reticulation located on Cones Road has capacity for the proposed development.
6. All stormwater works will be designed and constructed in accordance with the WDC ECOP and ECan requirements. Final details and design will be provided through the engineering approval process.
7. HDC modelling is still to be undertaken, but discussions with Council indicate that water quantity is not an issue for supply; however, the need to upgrade reticulation, and the extent of this upgrade, will only be known once modelling has been completed.
8. Chorus telecommunications have confirmed that the network has adequate capacity and can be extended to service the proposed development.

9. Mainpower have confirmed that the network has adequate capacity and can be extended/modified to service the proposed development.
10. My report has been included as Appendix 5 to the planning evidence of Peter Lloyd Glasson.

Summary of evidence

11. The report at Appendix 5 constitutes my evidence and includes my methodology, assumptions and conclusions.
12. In summary my conclusions are:
 - 12.1. The proposed development can be accommodated and constructed in accordance with the Waimakariri District Council's ECOP, HDC Development Engineering Standard, CCC WWDG, NZS4404:2010, NZS 4431:2022 and best engineering practice.



Date: 4 March 2024

Clement Maloney