Memorandum

To:	Gina Sweetman at Sweetman Planning Services	**Date:**	20 May 2022
From:	Mike Yarrall	**Our Ref:**	4293304-67661593-3076
Copy:			
Subject:	Maitahi Bayview Private Plan Change Request – Water Supply Assessment		

1 Introduction

This memo relates to the following matters.

- Assessment of the water supply aspects of the PPC28 request
- Assessment of the aspects of the public submissions on the PPC28 request that relate to water supply matters

2 Qualifications and experience

I hold the qualifications of B. Tech Environmental Engineering (Hons) and M. Tech Environmental Engineering (Hons) and am a Chartered Professional Engineer in New Zealand (CPEng) and a Chartered Engineer in the UK (CEng).

I have worked for 22 years as an Engineer in the water industry, including the last 13 years at Beca Ltd.

I am a member of Engineering New Zealand (CMEngNZ) and the Chartered Institution of Water and Environmental Management (MCIWEM).

3 Code of conduct

I have read the Code of Conduct for Expert Witnesses set out in the Environment Court's Practice Note 2014. I have complied with the Code of Conduct in preparing my evidence and will continue to comply with it while giving oral evidence before the Council's Hearings Panel. My qualifications as an expert are set out above. Except where I state I rely on the evidence of another person, I confirm that the issues addressed in this statement of evidence are within my area of expertise, and I have not omitted to consider material facts known to me that might alter or detract from my expressed opinions.

4 Assessment of Water Aspects of the PPC28 Request

There are no other matters to address that are not covered by the Joint Witness Statement.

5 Assessment of the Water Supply Aspects of Public Submissions on PPC28

There are no other matters to address that are not covered by the Joint Witness Statement.

6 Recommendations

I agree that the information provided regarding water supply is appropriate for PPC28 insofar as it demonstrates the feasibility of that essential service. In my opinion detailed design can be addressed at the subdivision stage.

I consider that the volume of reservoir storage, site selection for the reservoir and NCC's water supply plans for future developments should be addressed between the developer and Council if PPC28 is adopted.

Mike Yarrall

Associate - Water Supply Engineering

Phone Number: +64 4 496 2631

Email: Mike.Yarrall@beca.com