

In The Matter of the Resource Management Act 1991 ("the Act") And

In The Matter Proposed Plan Change to the Operative Selwyn District Plan – PC 79

SUMMARY STATEMENT OF HUGH BLAKE-MANSON
Birchs Village Limited

Introduction

1. My name is **HUGH MAXWELL BLAKE-MANSON** and I prepared a Statement of Evidence dated 2nd April 2023 as an officer of Selwyn District Council with respect to Plan Change 79 to the Selwyn District Plan. My qualifications and experience are set out in that statement.
2. I now provide a summary of my evidence, which addresses the water supply, wastewater system, stormwater network and waterrace system operated by Council which might be impacted by this plan change.

Water Supply

3. The Prebbleton Water Supply relies on extraction of deep groundwater, which is then treated and provided to the Prebbleton community.
4. Council has planned for additional water sources (bores), storage and pipeline infrastructure to meet the needs of existing development areas over time. This has been identified over the next 30 years, based on information available at the time. Funding for foreseeable works has been included in Councils Long Term Plan (LTP), and this is reviewed annually.
5. There is currently no capacity within the existing piped water network to service this proposed rezoning area. Work is required by Council including to determine the most efficient scale, extent and timing of works. Water network model based data should be available from May to determine these requirements.
6. Compliance with the Fire Fighting Code of Practice guidelines as stated in the Engineering Code of Practice will be required should rezoning be approved.

Wastewater

7. Council has applied a “first come first served” approach to access to the wastewater network and by association Pines Wastewater Treatment Plant (Pines WWTP).
8. The alternative to this approach is a unified, agreed approach from all applicants, where land development and feasible Council infrastructure work is undertaken in a planned manner.
9. Recently approved PC68 and PC72 in combination take up the capacity in the existing network. Including allowance for in-fill in existing serviced areas, capacity could be reached between 2030-2036, which would trigger further infrastructure works including improvements to the terminal pumpstation in Prebbleton.

Pines WWTP

10. Wastewater is treated and disposed of at the Pines WWTP in Rolleston. The Pines WWTP is designed to be progressively upgraded to accommodate up to 60,000 person equivalents (PE) of incoming flow, with plans to increase the treatment capacity up to 120,000 PE being prepared ("Pines 120"). The current connected catchment (2021) has a population equivalent of approximately 42,000 - 45,000.
11. There are plans to expand the irrigation area to cover 302 ha (currently irrigating 189 ha). This equates to servicing for more than 120,000 PE, or more than 100,000 PE if the largest irrigator is not in operation. Ultimately, additional areas within the 486 ha of land owned and consented could be developed for land based disposal, while remaining in compliance with the existing Resource Consent conditions.

Wastewater Storage – PC79

12. There are a number of options that could be pursued to manage wastewater flows generated from the proposed rezoned area. Council’s approach is to require gravity systems which fall to a pumpstation/s. From there conveyance is to the Pines WWTP.
13. For the purpose of peak load shifting approaches include household onsite local pressure storage or large underground storage chambers. These approaches are considered to increase the complexity and inefficiency of wastewater system operation, maintenance and renewal costs over their lifetime.

Wastewater Conveyance

14. The applicant's land is outside the current Prebbleton township wastewater service area. This proposed rezoning area would require that a new rising main and terminal pumpstation be installed to Prebbleton. This is programmed to be available from 2063, being based on Councils township growth projection data.
15. That programme is subject to review from May 2023.

Stormwater

16. The applicant has stated that it intends to discharge stormwater to a constructed stormwater management area (SMA).
17. Resource consent for stormwater discharge from Environment Canterbury by the applicant will be required before any subdivision consent can be approved.

Water Race

18. There is a length of water race bounding the development along Birchs Road. Should changes to the location and use of the water from this waterrace be required, then approval will be needed from Council
19. There are viable means to manage the water race.

Hugh Blake-Manson

3 April 2023