

BEFORE INDEPENDENT HEARINGS COMMISSIONER AT SELWYN

IN THE MATTER OF

Clause 21 of the First Schedule of
the Resource Management Act 1991
(Plan Change 67)

IN THE MATTER OF

GW WILFIELD LIMITED
(Applicant)

**SUMMARY OF EVIDENCE OF ANDY HALL ON BEHALF OF GW
WILFIELD LIMITED**

INFRASTRUCTURE

Dated: 14 September 2021

GREENWOOD ROCHE
LAWYERS
CHRISTCHURCH
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1.1 The proposals for the servicing of the Plan Change Area for water supply, wastewater and stormwater are all considered viable and are supported by Mr Bishop in his evidence where he states at paragraph 46: *There are viable means to provide drinking water, to manage wastewater and to discharge stormwater. On this basis I support proposed Plan Change 67.*

1.2 With respect to each specific component I note and conclude the following:

(a) Earthworks.

- (i) All earthworks will be undertaken in accordance with Council Standards and NZS4431:1989.
- (ii) All earthworks will be controlled in accordance with the Environment Canterbury (*ECan*) Erosion and Sediment Control Guidelines.
- (iii) All earthworks will be undertaken in a manner that will not inhibit natural overland stormflows and will ensure that house sites are above the future flow paths (generally located in roads).
- (iv) Earthworks is not an impediment to this application being approved but will be subject to appropriate conditions on specific Land Use applications at the time of subdivision.

(b) Water Supply.

- (i) The additional peak water demand for this proposal is 13.89l/s.
- (ii) Council have confirmed that there is future capacity for this proposal in the West Melton Network.
- (iii) The proposal may require some pipe upgrades and a reservoir however the specific detail of these upgrades can be addressed through the subdivision consent and engineering approval processes.

- (iv) Water supply will be further supplemented by harvested rain water, captured in tanks that will be required as a matter of design for all dwellings enabled through PC67.
 - (v) The water supply will comply with Council Standards and Fire Service Standards.
- (c) Wastewater.
 - (i) The Plan Change Area will be serviced by Local Pressure Sewer.
 - (ii) The additional flows will require an upgrade of the Silver Peaks Pump Station but not the rising main.
 - (iii) The network connection from West Melton back to the Pines Treatment Plant has been reconsidered with an adjustment to design flows made that is associated with a reduction in water ingress. This has led to an increase in capacity, ensuring the viability of the Plan Change development.
 - (iv) Additional capacity can be achieved by pumping the wastewater all the way to the Pines Treatment Plant.
- (d) Stormwater.
 - (i) The Site is underlain with gravels and the groundwater level is deep.
 - (ii) All stormwater discharge will be to ground subject to ECan consent requirements. This is consistent with all stormwater discharges in West Melton.

1.3 On the basis of the above I conclude that there are no servicing constraints such that the Plan Change should be declined.