

Before the Queenstown Lakes District
Council

In the matter of The Resource Management Act 1991

And The Queenstown Lakes District proposed District Plan Topic 13
Queenstown Mapping (Group 1D – Jacks Point Zone
Extension)

SUPPLEMENTARY EVIDENCE OF KEN GOUSMETT FOR

Jacks Point Residents and Owners Association (#1277)

Dated 15 September 2017

Solicitors

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**anderson
lloyd.**

Summary of rebuttal evidence

- 1 My name is Ken Gousmett. My qualifications and experience are set out in my rebuttal evidence.
- 2 In reviewing the evidence of others on Infrastructure and from my own knowledge I have identified several areas that are of concern to Jacks Point Residents and Owners Association. These are:
 - a) Stormwater runoff from the urban development polluting the existing water intake for the Coneburn Water Supply. See further below.
 - b) The lack of information on the effect of wastewater disposal onsite for the 715 dwellings proposed. The concerns relate to the potential pollution of the Coneburn Water Supply intake (see further below) and the implications of the total Nitrogen leaching to ground.
 - c) The lack of information on the yield of the proposed bore water supply, to demonstrate that this water supply will have sufficient sustainable capacity to serve the 715 dwellings proposed.
 - d) The lack of consents from the Otago Regional Council to take water and to discharge wastewater to ground. These consent application processes will consider effects on the existing Coneburn Water Supply intake.
 - e) Jacks Point Residents and Owners Association will want assurance from the power and telecommunications utility companies that there is adequate capacity available to serve the proposed development at Homestead Bay without limiting supply to the Jacks Point development.

Supplementary evidence

- 3 Wastewater – I have read the further information from LEI Ltd (dated 22 August 2017) which now considers the full 715 lots. However the scope is very narrow being limited to the two questions posed by Commissioner Nugent. No mention is made of the existing Coneburn Water Supply intake and potential pollution from wastewater disposal or the standard of wastewater treatment. Only Nitrogen has been considered with no mention of E.coli or Phosphorus. The water quality standard under the Kawarau Water Conservation Order has only been applied to contact recreation and fisheries, not to drinking water.
- 4 Water Supply – I accept the information provided on water bore pump tests and water quality test results. This largely meets the concerns that I had raised regarding the proposed Homestead Bay water supply. I note that the LEI report on wastewater does not consider pollution from treated wastewater of the proposed bore water supply for the Homestead Bay development.

- 5 My concern regarding pollution of the Coneburn Water Supply intake from wastewater and stormwater runoff/seepage remains. I consider that if consented the proposed development of some 715 lots at Homestead Bay will, in time, necessitate at least the relocation of the Coneburn Water Supply intake. Water filtration may also be required to meet the turbidity maximum of 1.0 NTU required by the NZ Drinking Water Standards.

Dated this 15th day of September 2017

Ken Gousmett