

Otago Regional Council
DIRECTIONS OF THE COMMISSIONER
BSTGT Limited

Questions for the Section 42A Report authors

- [1] I have now read the Section 42A Staff Recommending Report and its appendices. I have several questions for some of the authors. I would appreciate it if the respective authors could provide written answers to the attached questions at their earliest convenience and prior to the commencement of the hearing.
- [2] If any of the authors consider that a question addressed to them is best answered by another of the authors then I am happy for that to occur.
- [3] I would prefer that all of the answers are provided in one document underneath the relevant questions.
- [4] The document with the answers must be provided to the ORC Hearing Secretary, Rochelle Stevenson, in **Microsoft WORD** format. The document must be 'unlocked' so that it can be annotated by the Commissioner.



Rob van Voorthuysen
Commissioner
27 May 2021

QUESTIONS FOR SECTION 42A REPORT AUTHORS

Bryony Miller

- Para 18 Are there any records of periphyton proliferation in either New Chums Creek or the Royal Burn North Branch?
- Para 19 Are you suggesting that the BSTGT abstractions materially reduce trout habitat in the Arrow River?
- Paras 29 & 32 When you refer to “the ecology of a waterbody” what specifically are you referring to for New Chums Creek or the Royal Burn North Branch?
- Paras 38 &51 What is the technical basis for your recommended 10 L/s minimum flow at NZTM2000 1274996E 5011547N. Namely why did you choose 10 L/s and not some other figure?
- Para 54 Can you please explain what you mean by “the 13,000 m³ of water from the storage pond is primarily utilised for stock drinking purposes, PRIOR to any further water abstraction” and how that would relate to a minimum flow abstraction cessation condition?

Bas Veendrick

No questions.

Hilary Lough

- Para 35 You recommend that ORC consider appropriate consent conditions to control potential water quality effects arising from the use of water for irrigation. Is that something that would more normally be addressed by regional land use rules such as is the case in Southland, Canterbury, Manawatu-Whanganui, Hawke’s Bay, Bay of Plenty, Waikato, etc ?
- Para 38 You state “This could involve the applicant monitoring groundwater levels in their 29.3 m deep bore F41/0176 and supplying these to ORC annually.” Is that what you recommend and if so what frequency of groundwater level monitoring is appropriate to determine long term trends?

Michelle Mehlhopt

- Para 12 You observe the High Court noted that the separate control of the effects of an activity under the RMA may indicate that those effects are too remote to be considered. RMA section 30(1)(f) explicitly refers to the control of discharges of contaminants into or onto land, air, or water and discharges of water into water. That is implemented by section 15(1)(b) of the Act. RMA section 30(1)(c)(ii) explicitly refers to the control of the use of land for the purpose of the maintenance and enhancement of the quality of water in water bodies and coastal water. That is implemented by section 9(2) of the Act. Given those explicit ORC functions, does this mean that in this case the effect of irrigation on groundwater quality is “too remote to be considered” under an RMA section 14(2) water take consent?
- Para 22 Does ORC routinely and consistently consider the effects of applications to take water for irrigation on groundwater quality and impose conditions of consent accordingly?

Alexandra King

Some submitters raised concerns relating to:

- the effect of the BSTGT races on overland flows, and
- Glencoe Station's 20% share in Deemed Permits 96285 and 95696

Do you have any comments on those matters?

Have you been able to determine the monthly and annual volumes required solely for domestic use?

Does the irrigation requirement for the golf course (now said by the applicant to be 38,989 m³/year) include the turf growing business (Queenstown Turf Limited) that was of concern to some submitters?

Are you able to confirm that no additional (as yet undeveloped) irrigable area is sought?