

IN THE MATTER OF: The Resource Management Act 1991

AND

IN THE MATTER OF: resource consent applications by Rangitata Diversion Race Management Limited (**RDRML**) to the Canterbury Regional Council and Ashburton District Council for resource consents for the construction, operation and maintenance of the Klondyke Water Storage Facility, its associated water takes from and discharges to the Rangitata River, and all associated activities

**SUPPLEMENTARY EVIDENCE OF GRAEME AINSLIE HORRELL REGARDING
CORRECTIONS TO EVIDENCE**

Dated: 7 May 2018

Introduction

- 1 This supplementary statement of evidence responds to the Commissioners' request on 4 May to outline the corrections to the evidence

Corrections

- 2 Section 42A Officers Report, Appendix 1 page 141. The changes are the result of the Rangitata River flow recorded at Klondyke being subjected to a quality assurance audit which changed some periods of flow.

a/ Section 6 ii b Lack of policy

Table 11 displays the occurrence of FRE3 (river flushing flow 222 m³/s); with natural flows there are 6 events per year, the existing takes 4.5 events per year (~~25~~ 28% reduction) and this application it reduces to 4.1 events per year (~~32~~ 33% reduction). There appears to be no storage (B permit) allocation limit on the Rangitata River which could prevent a very large proportion of the flushing flows being diverted to storage

b/ Section 6 ii c Conclusion

The effects of the proposal are summarised in their Appendix J flushing flow statistics, and displays the FRE3 statistics for period 1 November – 30 April. The number of days the river naturally exceeded the FRE3 was 12.3 days, while , under the existing consents this is reduced to 7.4 days and a ~~40~~ 41 % reduction. When the proposed consent scenario is considered, the number of days the river exceeded the FRE3 was 6.8 and a ~~45~~ 46 % reduction. Whilst the application states the existing frequency of freshes is largely unchanged as a result of the proposal, the accumulated reduction has increased.

3 Evidence in chief of Mr Bas Veendrick, page 55 paragraph 11.3

a/ Third line down the word 'increase' should be replaced by 'decrease'

b/ Second quoted sentence of G Horrell 'Fre3 was 123 days' should be 'Fre3 was 12.3 days'

c/ The two quoted sentences of G Horrell should be corrected as in 2 a/ and 2 b/ above.