

Presentation to support

Application by

RDR Management for Resource Consents for the Klondyke Storage Ponds

My name is Murray Turley. I am Chairman of the Rangitata South Irrigation Ltd., which has a share option Deed to Purchase Rangitata Water Ltd. I am also a Director and Shareholder of Lynley Farming, our farming operation, which farms 1190 ha in the Rangitata area and the property is irrigated with water supplied by Rangitata Water Ltd.

Turley Farms - Lynley Farming grows a variety of crops being Wheat, Potatoes, Onions, Grass Seed, Clover Seed, Hybrid Vegetable Seeds of Carrots, Red Beet, Rad-dish, and Canola. *We produce much food for many people.* Without water or a limited amount of water we would be unable to produce many of these crops. Reliability of water for irrigation is paramount in order for us to produce and achieve these high levels of productivity.

It has been the building of Rangitata Irrigation Scheme by Rooney Earthmoving – through the taking of high flow water from the Rangitata – storing the water in ponds - off the river that has enhanced the productivity of the Rangitata area. **The scheme is a true blue print on how to use high flow river water.**

Rangitata South Irrigation Ltd, is very supportive of the 10 cm of high flow water take.

Rangitata South Irrigation Ltd is fully supportive RDR constructing the Klondyke Storage Ponds to enhance irrigation reliability, with the ever increasing evaporation rates. It is evident able we will require the ability to apply more water per day to give the crops the ability to perform to their best.

We also farm a property in the Rakaia region, which has water supplied by the Acton Scheme, through the BarrHill Chertsey Consent. Having experienced periods when we have had irrigation restrictions due to insufficient water and seeing crops wither and the yields reduce. It is now heartening to be able to purchase stored water from Lake Coleridge to continue watering and thus keep the crops growing to reach their potential – **this creates employment and feeds people.**

The RDR Klondyke Storage Proposal is a **huge** step forward in helping bringing more reliable irrigation and better food production to the area.

There is a requirement for water storage in the area to align the supply of water closer to the demand for irrigation.

Water Storage enables water to be stored during period of *low or no irrigation demand*
Stored water can be then used when the demand is high. This water storage will give irrigators more secure and consistent supply of water and thus makes irrigation forecasting and planning more robust resulting in more efficient use of water. All storage improves reliability going into the future. A larger storage facility rather than a smaller on farm storage makes more economic & practical sense. Higher evaporation rates going forward are going to require an increase in daily applications for water. This storage helps make that possible by future proofing food production for the area

Rangitata South Irrigation support the construction of the RDR Klondyke Storage Ponds, and the 10 cumec of High Flow taken.

Murray A Turley

Chairman – R.S.I.L.

1st May 2018