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**McKenzie District Council
P.O Box 52, Main Street
Fairlie, 7949**

Attn: Suzette Van Aswegan, Chief Executive Officer

Dear Suzette,

I have emailed you as I do not think my posted letter will get to you on time.

I am writing to you today as part of my submission on the water supply for the Pukaki Airfield. Firstly my background; I have worked in the water industry now for the past 38 years and for seven years was the operations manager for the Christchurch City Councils three waters.

Currently as it stands the Council is exposed to a liability of a unsecure water supply at Pukaki Airfield, the wellhead is unsecure (Not locked) the well head is not sealed and there are signs of water ingress inside the well chamber and when it rains water pools around the well head, really another Havelock/Napier waiting to happen at any time, now that people are living on the airfield. So I would suggest that work to mitigate against this should occur as soon as possible.

Secondly with the growth of the housing on the airfield the size and the operation of the pump is reportedly not up to the current demand with the pump stopping and starting during use every few minutes (short cycling) this will greatly affect the life of the pump a much better design and I believe originally intended for the airfield was to fit storage tanks, pump into them from the current bore, this allowing for a long pump run which is a much more efficient for the pump. Another pump would then boost the pressure from the tanks to the airfield properties or the tanks could be installed further north than the current well head and gravity could be used to supply the residents.

In regards to your submission letter, having an onsite treatment regime exposes the council to another site of ongoing maintenance (Filter Elements, UV Sleeves and bulbs, Chemicals (Possibly dangerous goods storage) and repeated water sampling, a far better idea is to join the airfield with the Twizel Township as it is really just a

housing development as are the other area being developed around Twizel. It will then centralise your water cost centre

I trust you will consider my suggestions here and if I can assist the Airfield Board or yourself with any water matters please do not hesitate to contact me.

Yours Sincerely

TLS

Trevor Shadbolt.