

Kia ora Koutou, esteemed commissioners.

My name is Jacqueline Hahn, I was born and have lived the majority of my life 10 km east of Te Kuiti, in the Rangitoto District Raised as a sheep and beef farmer I married a Danish Dairy Cow and cropping farmer and we raised 4 children and still live within a few kms of my childhood home. On a dairy, dairybeef, sheep, forestry and native bush farm

Our contour ranges from LUC land-classes 2 to 7 which at common broadened scales are extremely inaccurate on land classes 4 and up. I am also Vice President of the Waikato Federated Farmers but this is my personal submission as a farmer with strong environmental values. We farm at almost the top of the catchment our Tekuiti farms are tributaries of the Mangauwhawhi (is a rocky bottomed creek), that joins the Mohorehore, Mangaokewa, Waipa . My view is a combination of farming and studies as a bachelor graduate in 2013 in Environmental Management. My optional papers were around Agriculture, animals and plants interactions with the environment, microbial ecology and water and wastes.

Points I would like to highlight

3.11.1 Limits should not be set until there is deeper understanding of the wider catchment by council, which from the past 2 days of evidence I see still lacking.

Although minimal monitoring sites is cheap the broad brush answers demanded of the CSG with poor definitions derived are very costly and it irks farmers that these sites are often in towns and in the case of Te Kuiti past two meat processing facilities that have had accidents causing boil water notifications. It is also misconstrued to think we expect all individual catchments to have separate plans. The CSG had planned to investigate this but ran short of time. After-all on my farm I have multiple micro catchments but they share a dominant soil type and broadly similar rainfall. It should be remembered that scientists by nature, will not give yes or no answers.

The wording "entire length"

I maintain my objection to the words clean, safe and assimilative being used. Those words are misleading the reader of the document. Nor is there use consistent. I suggest a footnote should be added of exempted cases ie Mercury contamination (geothermal energy/volcanic inputs) above health limits can be expected especially in the upper Waikato in Trout and Tuna, noting the density and size of sediment particles in the Waipa make clean water as per the dictionary unlikely. E-coli limits can and has been exceeded by wild animal sources in **low flow** conditions in Native catchment areas. (page 10 Faecal Contamination of Rural Waikato Waterways ISSN1177-9284(online) Wild animals (historic human activities but also Mahinga kai) cause erosion and/or decimate paddocks/wetlands that boundary DOC cared land(who have no money) particularly with pigs when Forestry land is felled and goats in drought conditions. This is of importance to our district that has the highest proportion of SNAs on private land in the Waikato.

Without these changes I believe Council leave themselves open to litigation like has been seen in the Horizons One Plan.

In regards to funding assistance from Regional Council at notification of the plan this was communicated to have ceased to apply. It is joyful news that this is no longer the case. I also would like it to be noted that our full time and effort is not costed as an employee of council would. There is also income opportunity costs that are unrealised.