

## Whitewater NZ Opening Statement

pCLWRP - Kayaking and White Water Values on Rivers in Canterbury and Flow and Other Requirements to Support Values

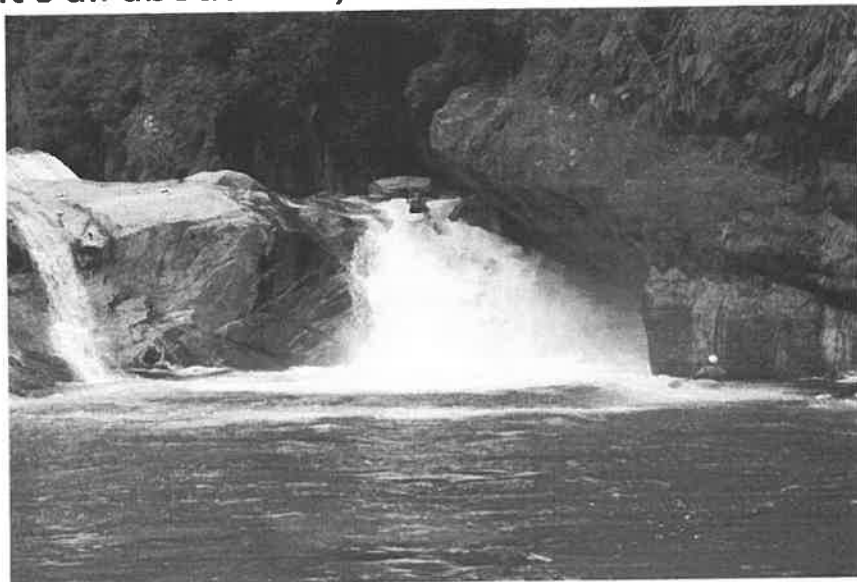
Dr D A Rankin

## Witnesses

- Doug Rankin – kayaking values & flows
- Graeme Wilson – Whitewater Canoe Club
- Graeme Boddy – river bugging values & flows
- Grant South – rafting values & flows



It's all about Flow, Bed and Gradient



## Key White Water Rivers - Canterbury

- Orari
- Opihi
- Hooker
- Tekapo
- Pukaki
- Ahuriri
- Mainly white water reaches, not braided river sections, although exceptions – Waimakariri – although many paddled
- Jet boating – different set of rivers and values

## Flow Requirements

- Invariably always >50% of, or >7DMALF (rare exceptions)
- Variability, not just fixed flows
- Different features 'work' or present at different flows
- Higher flows – more powerful, larger hydraulic (white water) features
- Lower flows – smaller, less powerful & intimidating white water
- Small changes – subtle alteration of white water
- Floods important – river changing processes

DFF – bed, gradient, low flow (ca 35 cumecs)



DFF – bed, gradient, medium flow (ca 40 cumecs)



DFF – bed, gradient, high flow, surfing wave above (120)



## Incorporation of Values into CLWRP

- I have not provided separate commentary on the plan
- Support F&Gs approach to changes in the plan
- Includes recognition of white water values - kayaking, river bugging, rafting, cataracting - in Schedule XX (jet boating values separately too)
- Includes recognition of flow requirements in a new Policy 4.1A and changes to rule 5.96
- If high naturalness waterbodies and other waterbodies tables to be included in sections 6-13 want our values explicitly included as per submission, in addition to Schedule XX
- Trigger to parties wanting to take water as well as Ecan staff processing consents