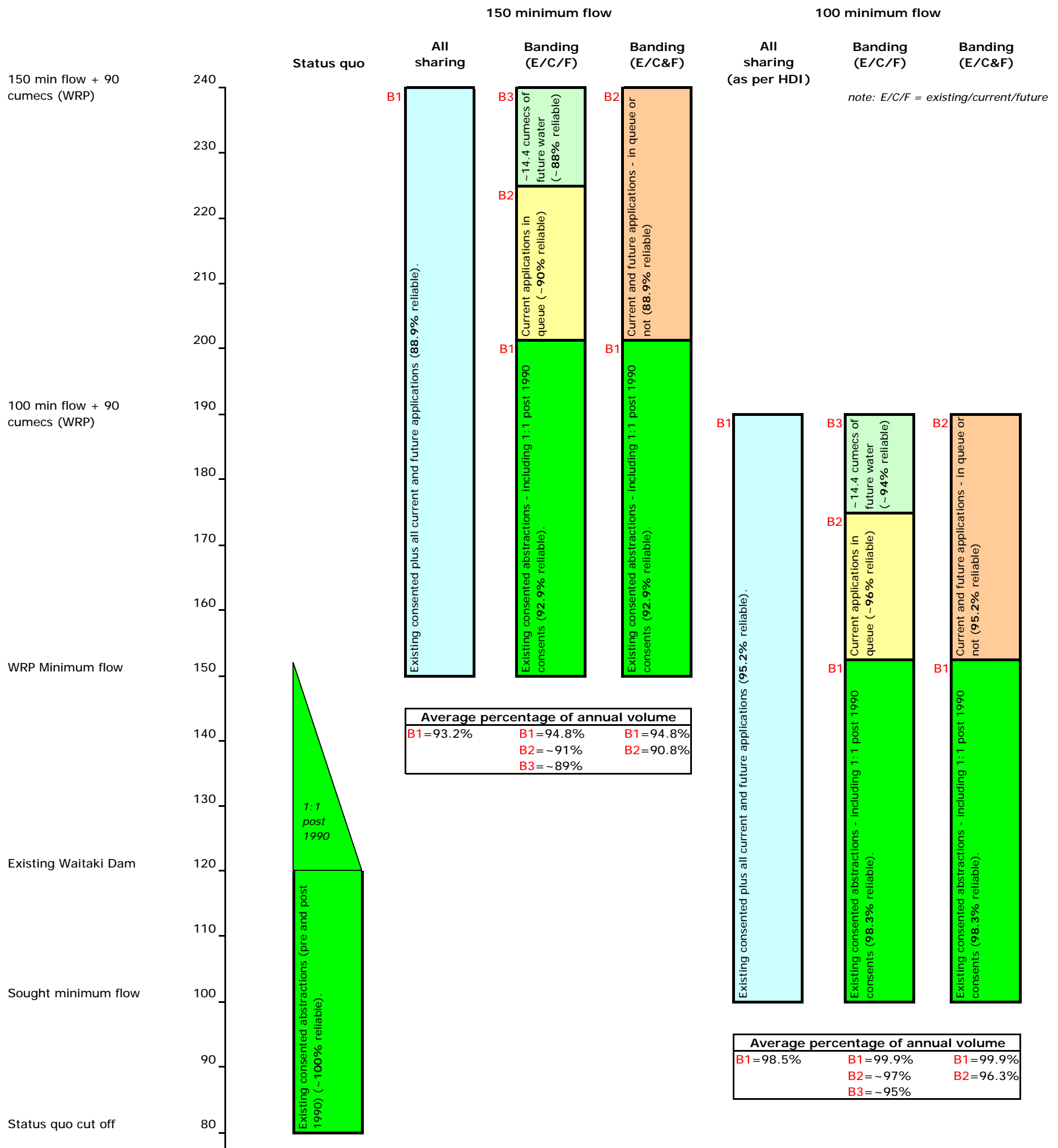


ATTACHMENT B: RELIABILITY COMPARISON

Possible flow regimes through comparison with status quo (100 v 150 cumec min flows)



Result:

53 cumecs allocated for ~70 cumecs of water flows due to 1:1 sharing (WRP will remove 1:1 sharing)

Poor reliability. This appears to be the proper interpretation of the Plan i.e. applied literally, post review it does not contemplate banding.

All 3 bands are below the 95% 'minimum' level of reliability intended by the WRP

Both bands are still below the 95% 'minimum' reliability intended by the WRP

Reliability accords with the 95% 'minimum' intended by the WRP

Reliability for bands 1 & 2 accords with the 95% 'minimum' level of reliability intended by the WRP; band 3 is close.

Reliability for both bands accords with the 95% 'minimum' intended by the WRP

Consents in each band will have same cut-off.

Assumes status quo dam operation (i.e. 120 + 30 cumec buffer) and/or 150 cumec minimum dam discharge

Reliability within the bars is based on average percent reliability (i.e. restriction events). The average percentage of annual volume for each scenario is also described.

All sharing does not make any allowance for the [uncertain] application of Policy 46 - the reliability is poor either way.