

**Submitter:**  
**Dr Anthony Raizis**  
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I suggest that there be two conditions imposed for the rights to 25 cumecs. Ireland has recently been warned by a letter from EU officials to clean its water or face a fine. E. coli and cryptosporidium remain significant public health problems.

See: <http://www.irishhealth.com/article.html?level=4&id=11196> AND  
<http://goireland.about.com/b/2007/06/19/irelands-water-quality-an-ongoing-problem.htm>

Canterbury along with Waikato regions have the highest rates of cryptosporidium infections in the country. It is not unreasonable to request that we adopt EU minimum standards of water quality. Mechanisms of accountability must be in place to ensure that water quality is improved rather than simply allowed to deteriorate. In other words, a system of monitoring and cleaning up needs to be in place, the costs of which are not externalised.

The Waimakariri river feeds the town aquifers and it is possible that during several successive dry periods the town supply may drop to record low levels. Rules must be in place to ensure that in the event town supply subsides to below an arbitrary level (to be negotiated by stakeholders), that constraints will be placed on the 25 cumecs until such time the town supply has had ample time to recharge.

Kind Regards,

Dr Anthony Raizis  
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