

[withheld]

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From: Nicholas Moody [withheld]
To: Nick Moody [withheld]
Sent: Tuesday, 4 February 2014 11:33 PM
Subject: National Policy Statement for Freshwater Management submission

To whom it may concern,

My name is Nick Moody, a born and bred Cantabrian; holder of a Bachelor of Resource Studies, focussed on Community based water management and freshwater ecology and passionate trout fisherman.

While I support most of the proposed amendments to the NPS (especially:
providing explicit recognition of tangata whenua values for fresh water, and
establishing ecosystem and human health as compulsory values in regional plans),

I am concerned about
Introducing 'bottom lines' for ecosystem and human health that apply everywhere.

I was made aware of the NPS by the Working Waters Trust very recently, and like them, the "bottom lines" ring alarm bells for me. If it is not made explicitly clear in the policy that "bottom lines" are **minimum** thresholds - as opposed to **objectives** - then the risk is that freshwater bodies will be allowed to deteriorate in health across the regions because councils will see the "lines" as acceptable standards.

Further, and again, much like the Working Waters Trust, I feel strongly that more water quality indicators need to be included to assess ecosystem and human health. For ecosystem health, these indicators ("attributes") should include:

- the Macro-invertebrate Community Index;
- a limit on nitrogen and phosphorus as nutrients;
- a limit on deposited sediment;
- a measure for dissolved oxygen across a river;
- and measures for estuaries.

For human health, these should include:
Water clarity;
and periphyton cover.

It is my belief that the goal for freshwater body management in New Zealand (and indeed, worldwide) should be of maintaining and improving quality. I fail to see how any policies that allow the degradation of a waterway's health could be ever justified.

In conclusion, this submission is to further support the very well-formed submission from the Working Waters Trust, in order to show that individuals too believe that the proposed amendments need more indicators and clarification that "bottom lines" are not aspirational goals.

Thank you for your consideration.

Yours sincerely,

Nick Moody

Wine

