

**Waterstreet, David**

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Larry C. Munn [LCMunn@uwyo.edu]  
Tuesday, August 26, 2008 5:04 PM  
Waterstreet, David  
Comments on appendix H, Agricultural Use protection

I believe Tier 1 to be appropriate.

My greatest concerns with Tier Two procedures are : One, the process of compositing individual depth increment samples before EC is measured ((H-5, line 14-17) which potentially will allow higher salinity levels to be applied if one sample or more is significantly higher than the samples for that terrain element.

And two, the 1.5 value used to back calculate water quality from soil chemistry data is based on an assumption of a particular leaching fraction that may not be achieved and is generally also based on good irrigation practice which includes adding water only to meet plant requirements and tom provide necessary leaching. If ephemeral channels are converted to essentially continuous flow, the salt balance will be totally different than this calculation will predict.

Larry Munn

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